



**Count on it.**

Form No. 3478-256 Rev A

# Parts Catalog

## Reelmaster® 5410-D Traction Unit

Model No. 03952—Serial No. 419000000 and Up



# Ordering Replacement Parts

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

## Understanding Reference Numbers

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

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

## Service Assembly Reference Numbers

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

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

## Reference Numbers Indicating Quantity

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

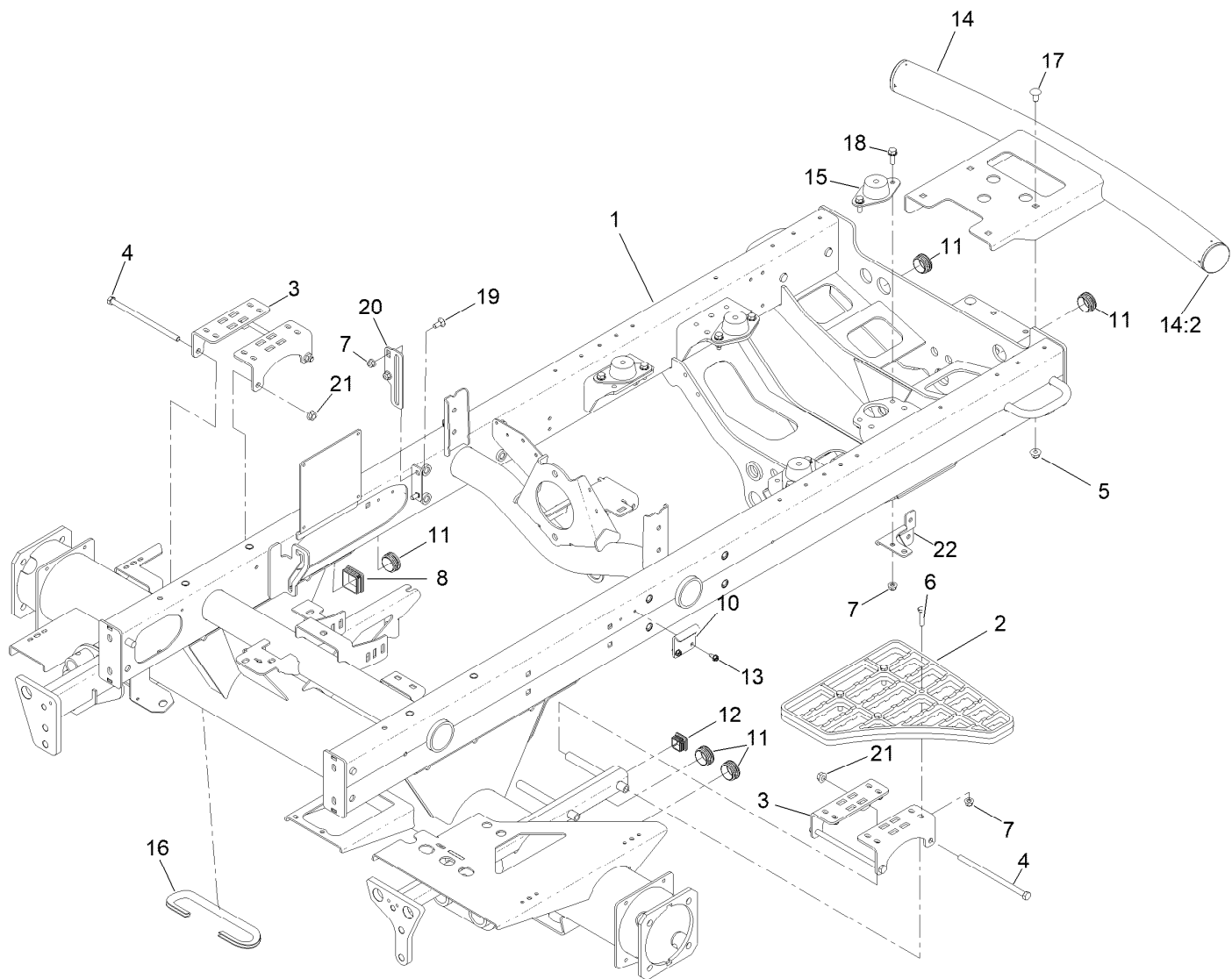
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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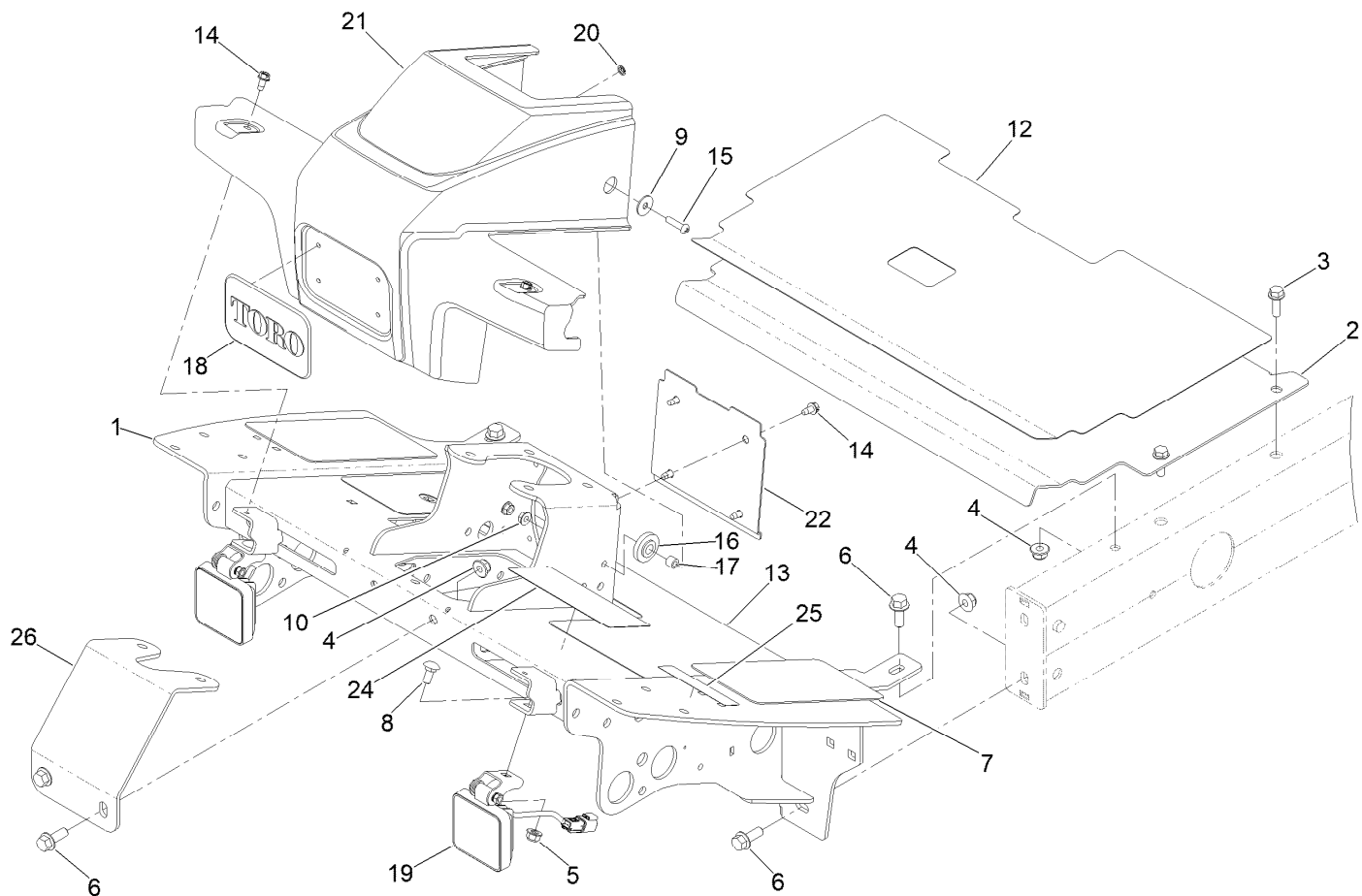
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## Frame Assembly

| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 1    | 145-2469    | 1    | Frame ASM     |
| 2    | 110-9041    | 1    | 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      | 4    | Screw-HH      |
| 7    | 104-8300    | 14   | Nut-HF, NI    |
| 8    | 95-9495     | 1    | Cap           |
| 10   | 110-8972    | 1    | Hook-Latch    |
| 11   | 110-9012    | 3    | Caplug        |
| 12   | 110-9013    | 1    | Caplug        |

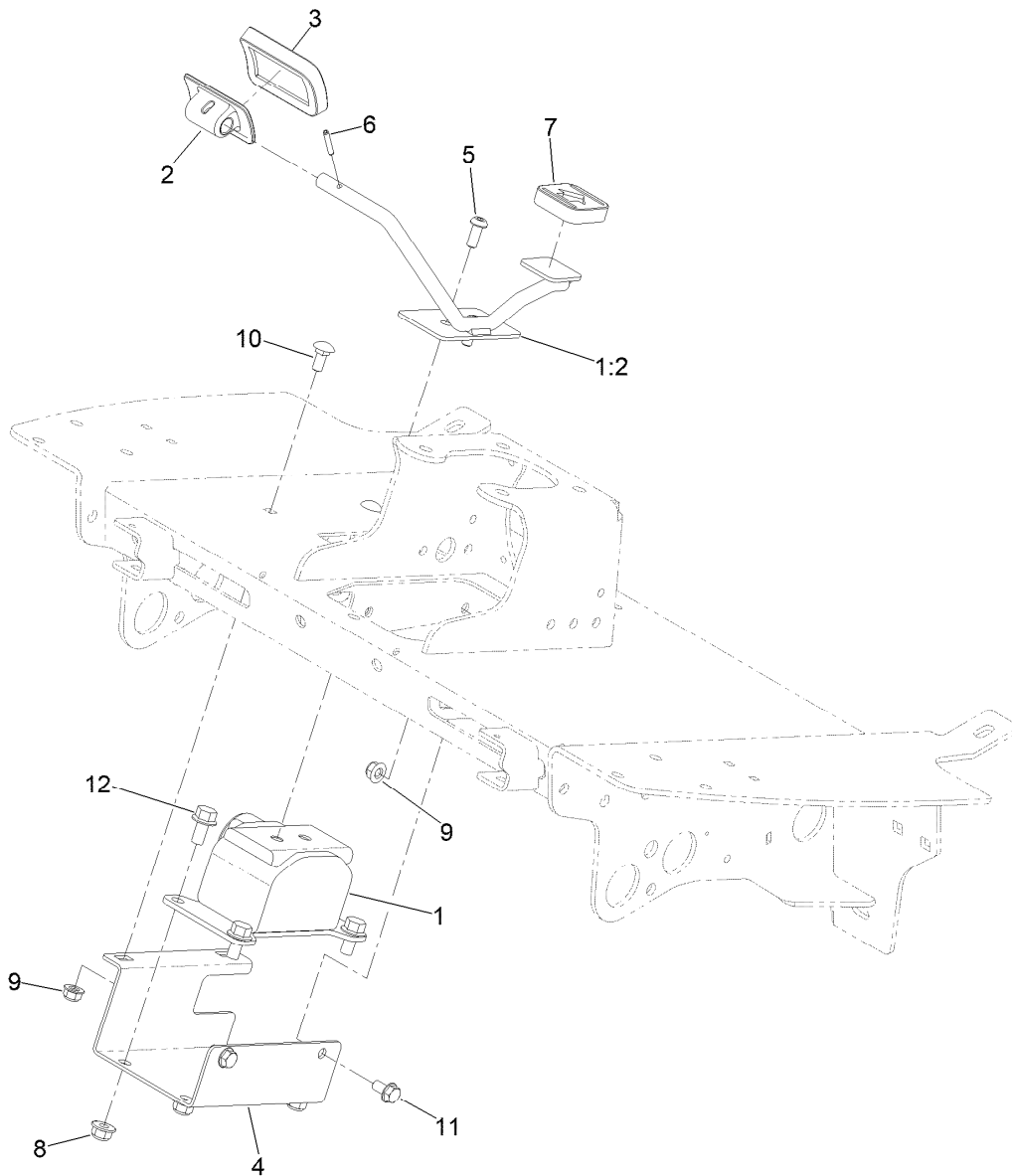
| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 13   | 32104-17    | 2    | Screw-HWH        |
| 14   | 147-3550    | 1    | Bumper ASM       |
| 14:2 | 2410-42     | 2    | Cap-End          |
| 15   | 120-6274    | 4    | Mount-Engine     |
| 16   | 145-2520    | 1    | Trim-Brake Hose  |
| 17   | 3231-21     | 4    | Screw-CARR       |
| 18   | 3234-29     | 8    | Screw-HHF        |
| 19   | 3230-1      | 2    | Bolt-CARR        |
| 20   | 108-7584-01 | 1    | Plate-Guide, Rod |
| 21   | 32128-21    | 4    | Nut-HF Lock      |
| 22   | 133-2985    | 1    | Brkt-Tube Clamp  |



## Platform and Shroud Assembly

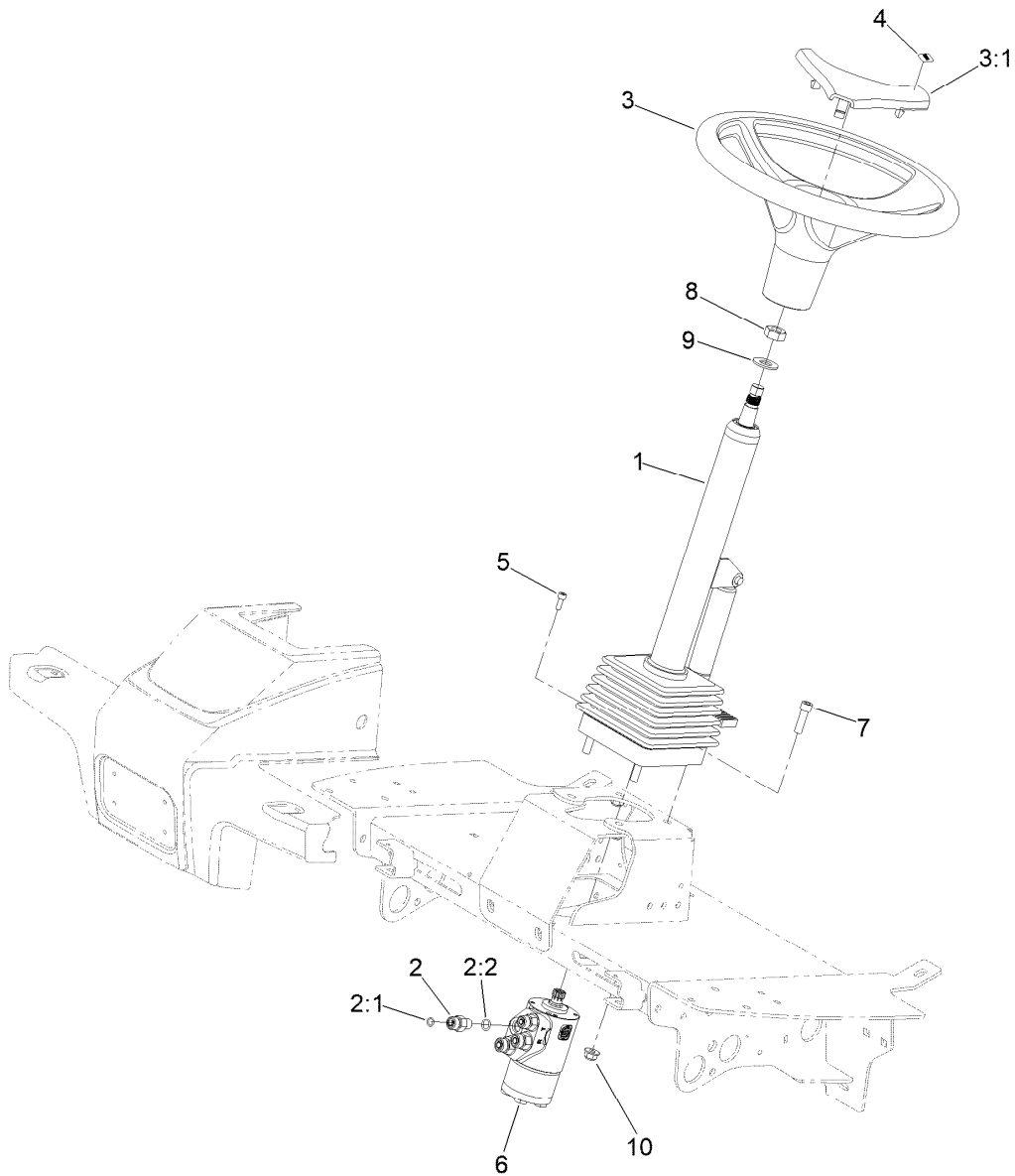
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 145-2490-01 | 1    | Platform ASM         |
| 2    | 115-8064-01 | 1    | Plate-Floor          |
| 3    | 3234-17     | 4    | Screw-HHF            |
| 4    | 104-8301    | 6    | Nut-HF, NI           |
| 5    | 104-8300    | 2    | Nut-HF, NI           |
| 6    | 3234-11     | 6    | Screw-HHF            |
| 7    | 125-2910    | 2    | Tread-Floor, Side    |
| 8    | 3230-1      | 2    | Bolt-CARR            |
| 9    | 87-6630     | 2    | Washer-Plain         |
| 10   | 32128-33    | 2    | Nut-HF               |
| 12   | 125-2911    | 1    | Tread-Panel, Service |
| 13   | 145-2510    | 1    | Tread-Floor Board    |
| 14   | 32104-17    | 6    | Screw-HWH            |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 15   | 106-9518    | 2    | Screw-PRH            |
| 16   | 240-11      | 2    | Bushing-Flange       |
| 17   | 66-8010     | 2    | Spacer               |
| 18   | 93-6028     | 1    | Plate-Logo           |
| 19   | 145-2598    | 2    | Light-Work, LED      |
| 20   | 138-6996    | 4    | Nut-Push             |
| 21   | 110-0944    | 1    | Shroud-Platform      |
| 22   | 110-0947-03 | 1    | Plate-Cover          |
| 24   | 133-2930    | 1    | Decal-Danger         |
| 24   | 133-2931    | 1    | Decal-Danger (CE)    |
| 25   | 133-8062    | 1    | Decal-Spark Arrestor |
| 26   | 110-8876-0P | 1    | Brace-Column         |



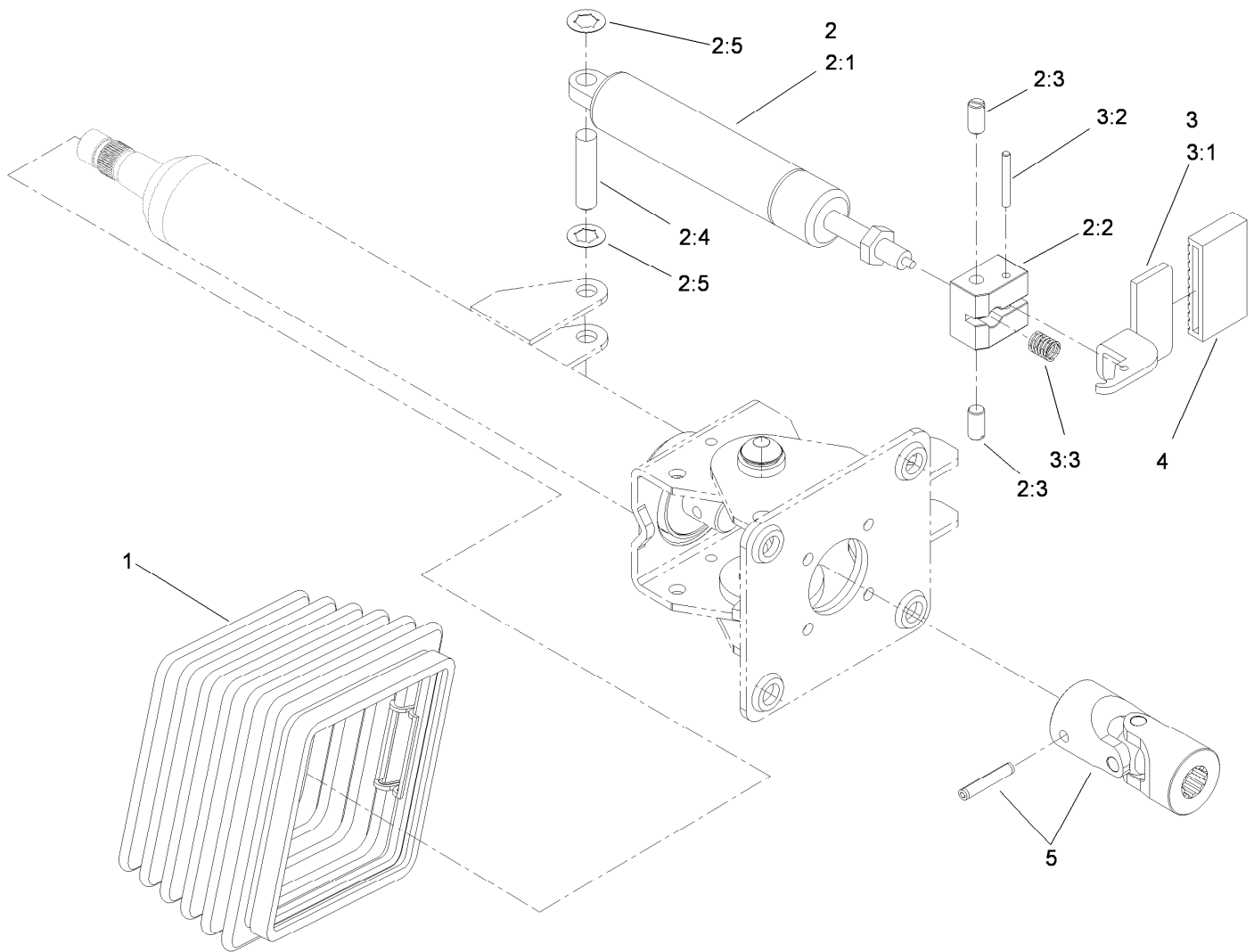
## Pedal Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 145-2545    | 1    | E-Pedal ASM          |
| 1:2  | 145-2521    | 1    | Pedal ASM            |
| 2    | 117-9507    | 1    | Pedal-Accelerator    |
| 3    | 74-9100     | 1    | Pad-Pedal, Forward   |
| 4    | 145-2489-0P | 1    | Bracket-Pedal, Mount |
| 5    | 3274-96     | 2    | Screw-HSBH           |
| 6    | 32121-45    | 1    | Pin-Spring           |
| 7    | 74-9110     | 1    | Pad-Pedal, Reverse   |
| 8    | 104-8301    | 4    | Nut-HF, NI           |
| 9    | 104-8300    | 4    | Nut-HF, NI           |
| 10   | 3230-1      | 2    | Bolt-CARR            |
| 11   | 3234-7      | 2    | Screw-HHF            |
| 12   | 3234-1      | 4    | Screw-HHF            |



## Steering Assembly

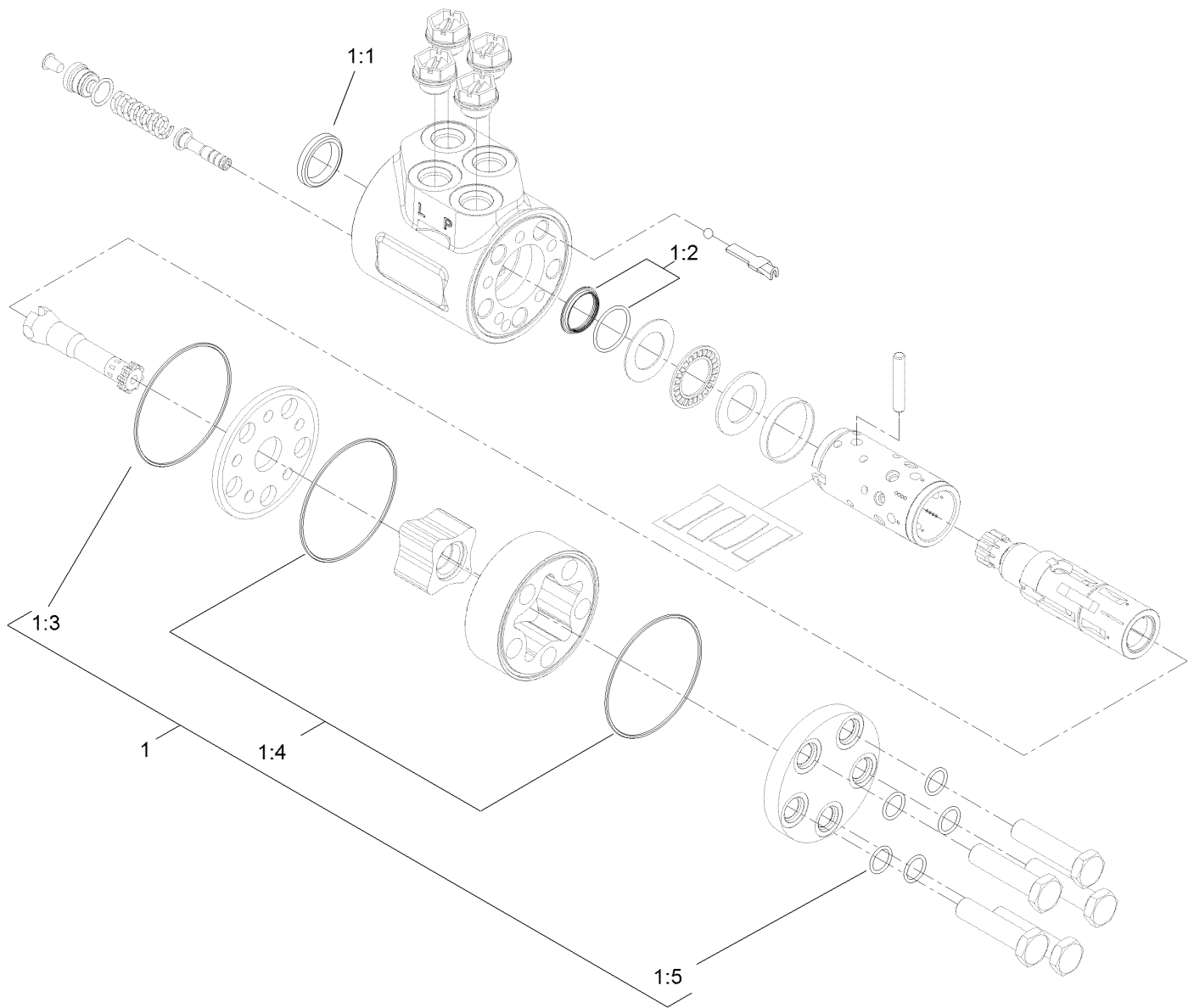
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 106-3622    | 1    | Steering Tilt Column ASM |
| 2    | 340-2       | 4    | Fitting-Straight         |
| 2:1  | 237-22      | 1    | O-Ring                   |
| 2:2  | 237-42      | 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  |

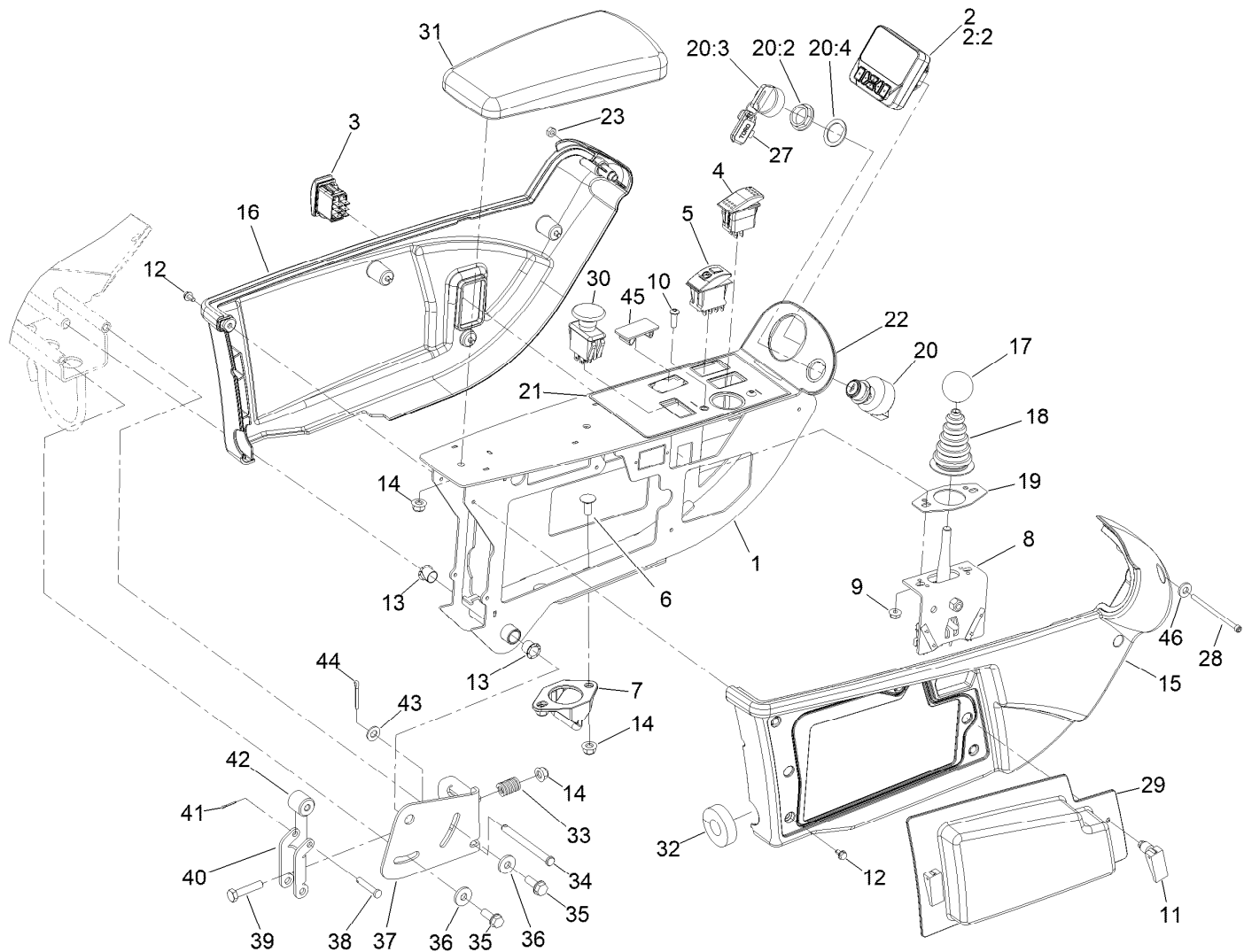
● Not serviced separately



## 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 ●          |

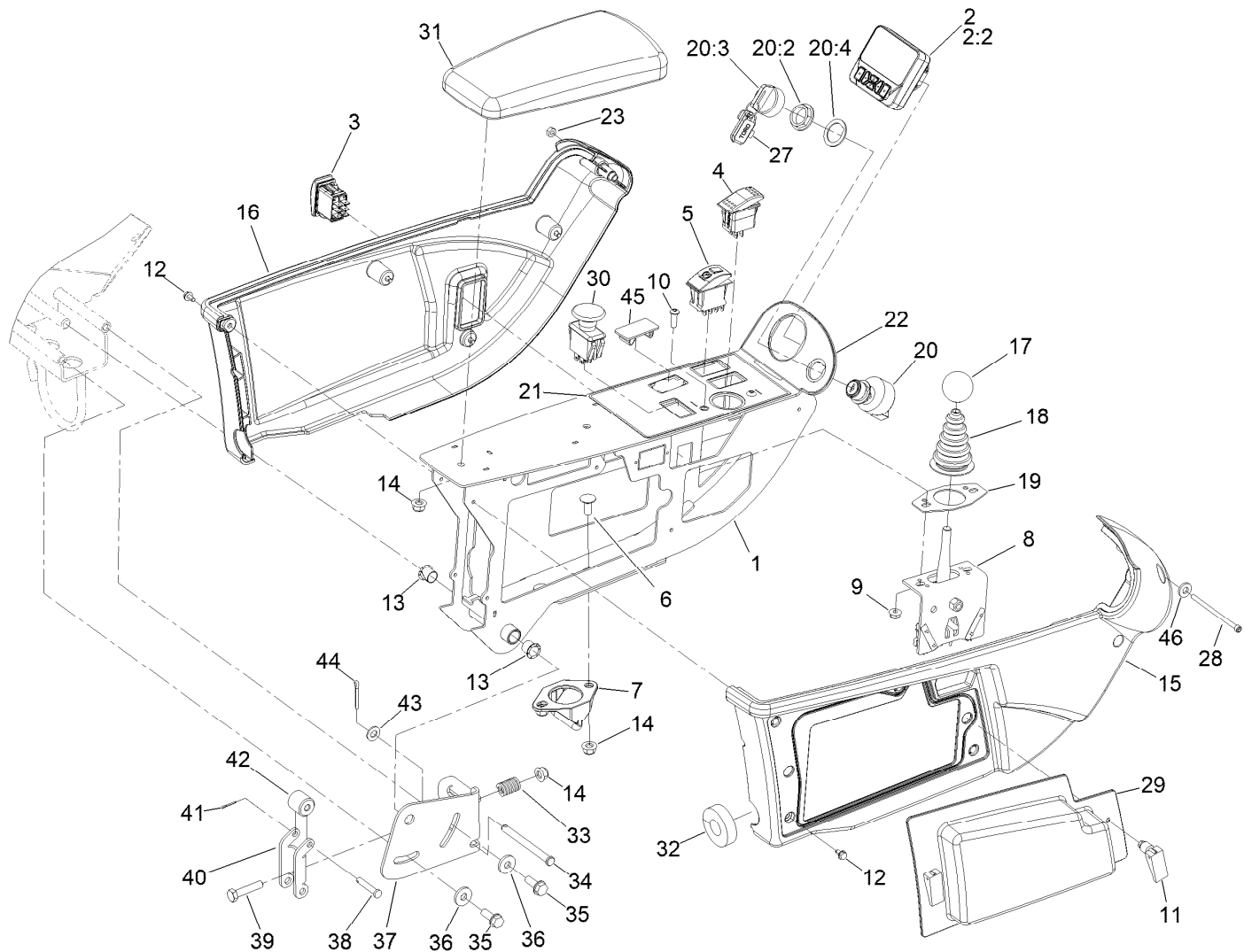
● Not serviced separately



## Control Panel Assembly

| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 1    | 145-2474-03 | 1    | Frame ASM, Control Arm [black] |
| 2    | 161-1700    | 1    | Display-LCD                    |
| 2:2  | 161-1723    | 1    | Nut-Display                    |
| 3    | 95-8999     | 1    | Switch-Rocker, On-None-On      |
| 4    | 114-3329    | 1    | Switch-Rocker                  |
| 5    | 111-2254    | 1    | Switch-Rocker, On-None-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   | 3274-69     | 2    | Screw-HSBH                     |
| 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                           |

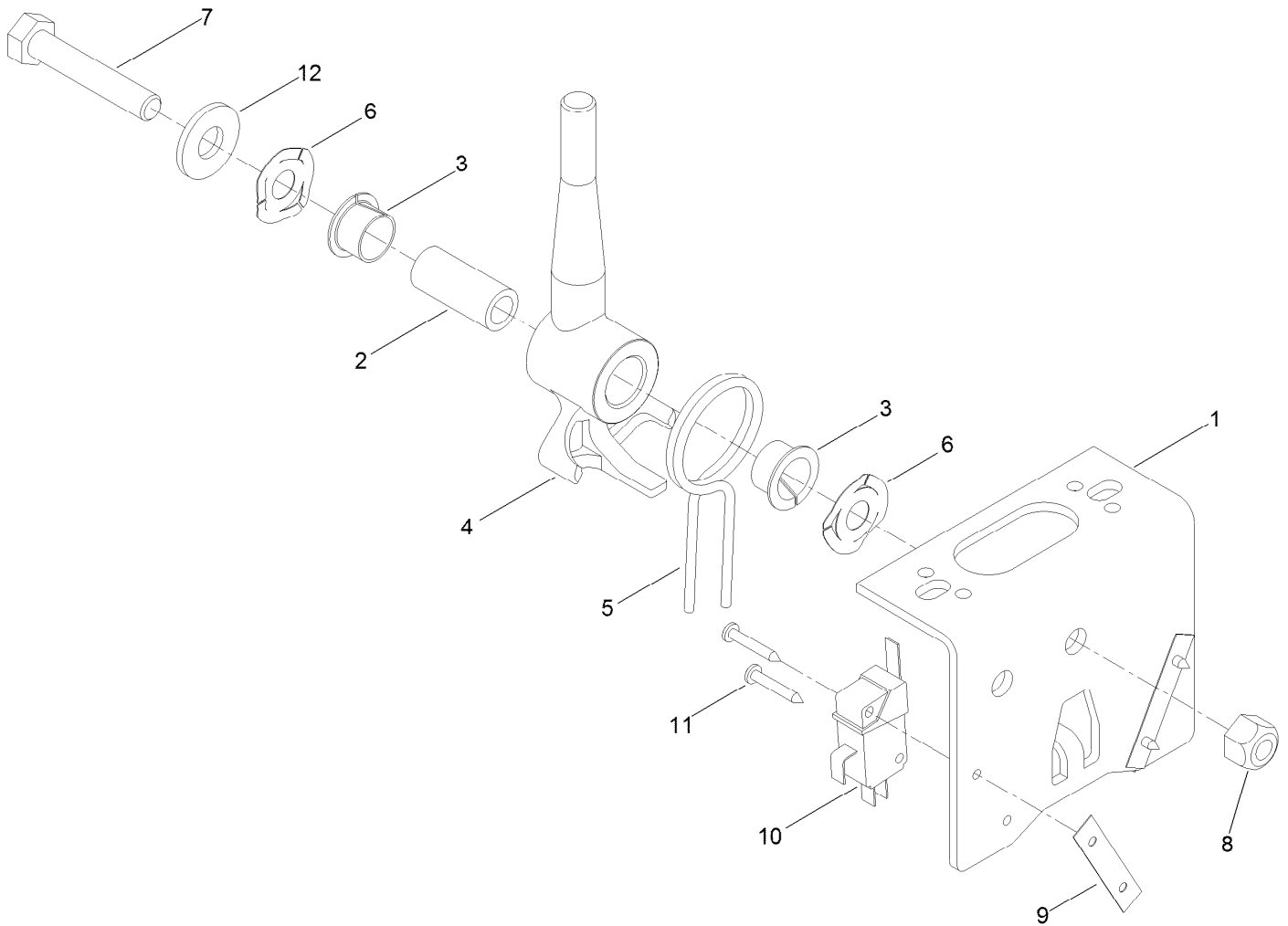
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 18   | 93-5961     | 1    | Boot-Lever           |
| 19   | 112-9181    | 1    | Plate-Boot           |
| 20   | 106-5269    | 1    | Ignition Switch ASM  |
| 20:2 | 108-8660    | 1    | Nut-Mounting         |
| 20:3 | 106-5270    | 1    | Ignition Key Set     |
| 20:4 | 108-8659    | 1    | Washer-Backup        |
| 21   | 145-2483    | 1    | Decal-Control Panel  |
| 22   | 120-4158    | 1    | Decal-Console, Upper |
| 23   | 3296-2      | 1    | Nut-Lock, NI         |
| 27   | 99-8970     | 1    | Key-Latch, Hood      |
| 28   | 161-8374    | 1    | Screw-HSH            |
| 29   | 114-0446    | 1    | Panel-Access         |
| 30   | 93-9999     | 1    | Switch-PTO           |
| 31   | 108-7602    | 1    | Rest-Arm             |
| 32   | 145-2594    | 1    | Seal-Foam            |
| 33   | 110-5331    | 1    | Spring-Compression   |
| 34   | 283-88      | 1    | Pin-Clevis           |
| 35   | 32144-41    | 2    | Screw-Taptime        |
| 36   | 4-2390      | 2    | Washer-Flat          |
| 37   | 110-5313-03 | 1    | Bracket-Retainer     |
| 38   | 283-73      | 1    | Pin-Clevis           |



## Control Panel Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 39   | 322-7       | 1    | Screw-HH    |
| 40   | 110-5314    | 1    | Latch       |
| 41   | 3272-1      | 1    | Pin-Cotter  |
| 42   | 110-8856    | 1    | Spacer      |

| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 43   | 3256-23     | 1    | Washer-Plain |
| 44   | 3272-11     | 1    | Pin-Cotter   |
| 45   | 99-7420     | 1    | Plug-Hole    |
| 46   | 3256-51     | 1    | Washer-Flat  |



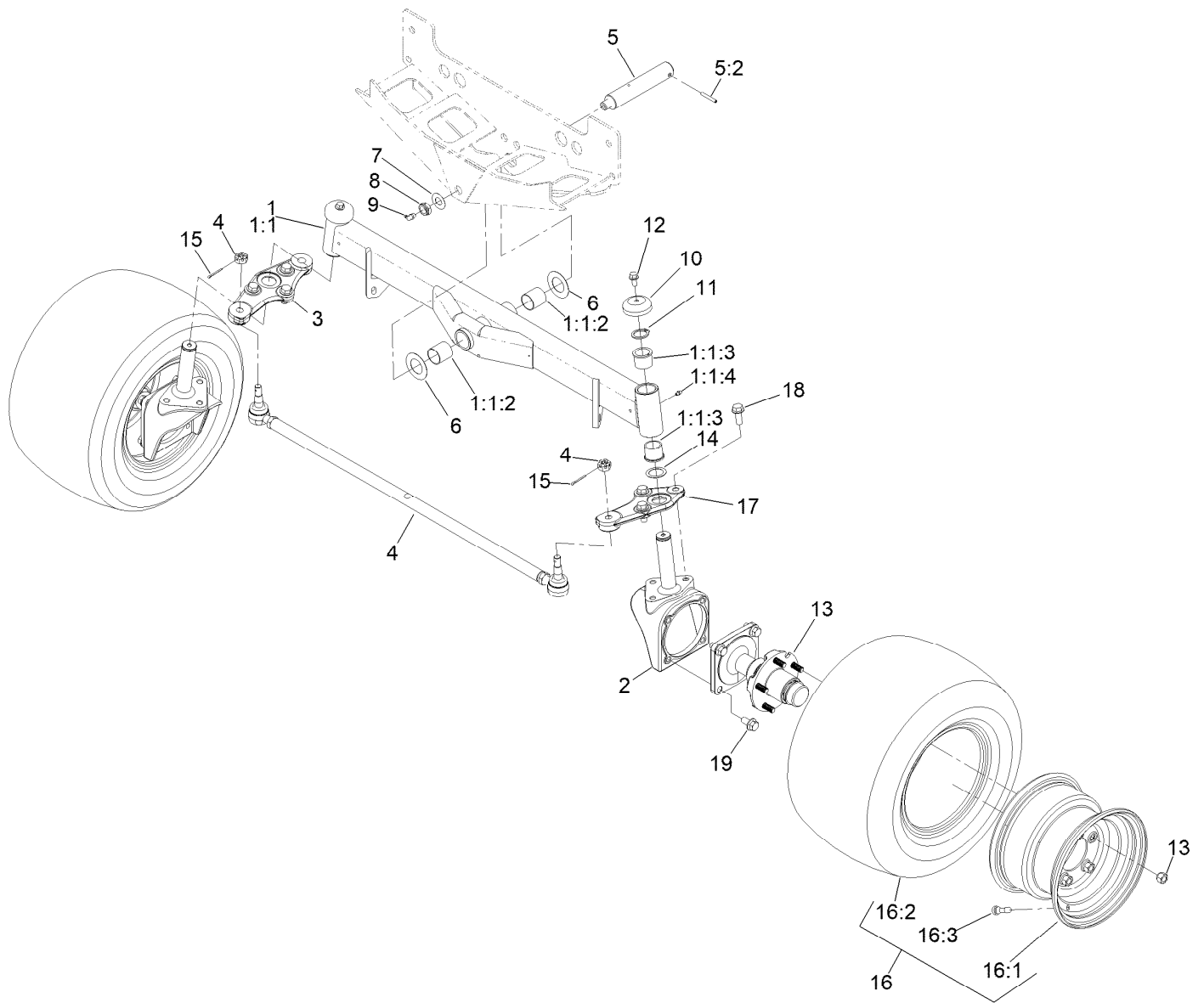
## Joystick Bracket Assembly No. 120-5280

| 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

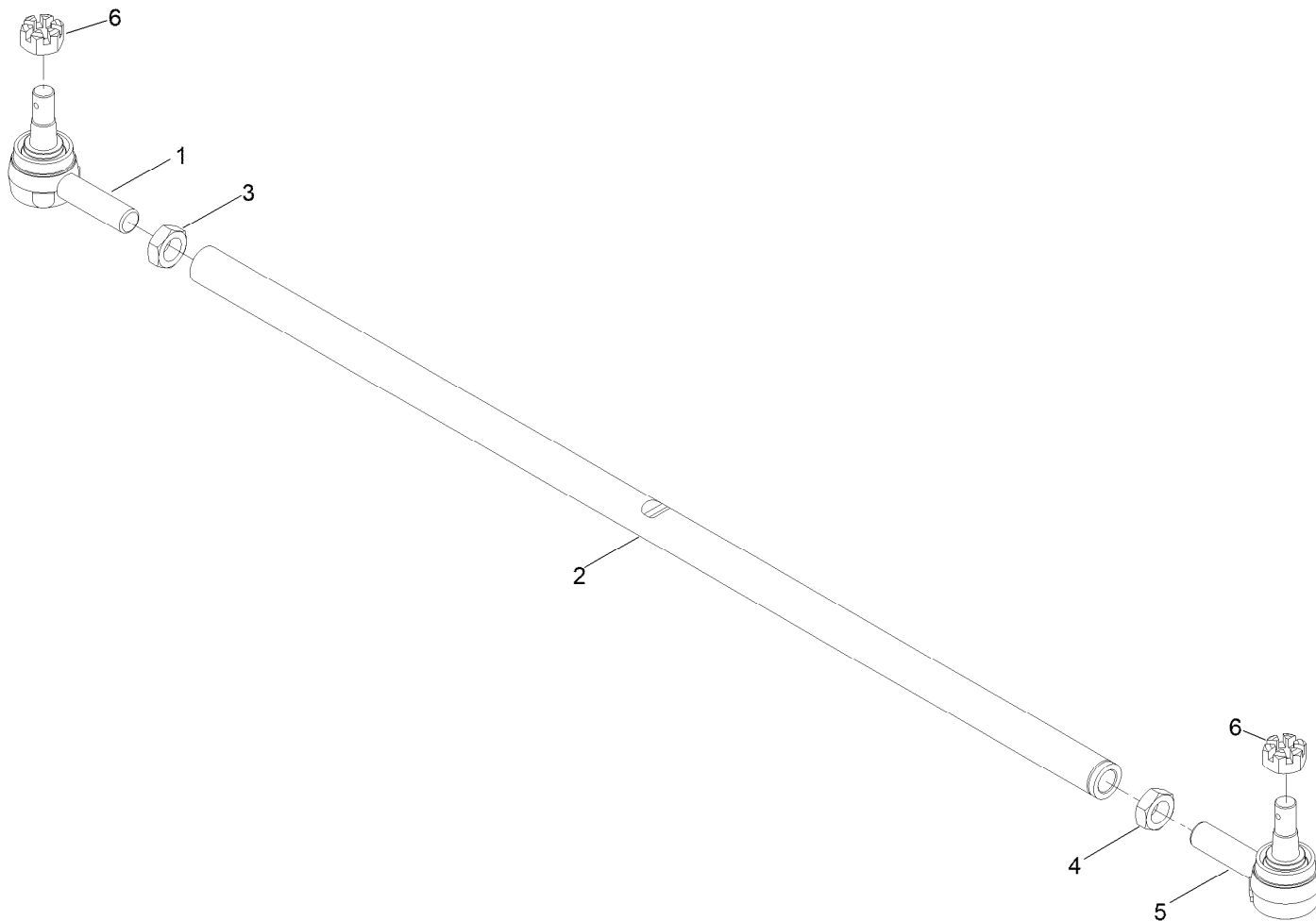
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 1    | 139-2564    | 12   | Nut-Lug        |
| 2    | 144-2058    | 2    | Hub ASM (1.50) |
| 2:1  | 136-7971    | 1    | Hub-Wheel      |
| 2:2  | 114-3918    | 6    | Stud-Wheel     |
| 3    | 139-6048    | 2    | Tire ASM       |
| 3:1  | 133-2724    | 1    | Tire           |
| 3:2  | 139-6049    | 1    | Wheel          |
| 3:3  | 232-27      | 1    | Stem-Valve     |
| 4    | 117-3290    | 2    | Nut-Hex        |
| 5    | 117-5198    | 2    | Key-Square     |



## Rear Axle Assembly

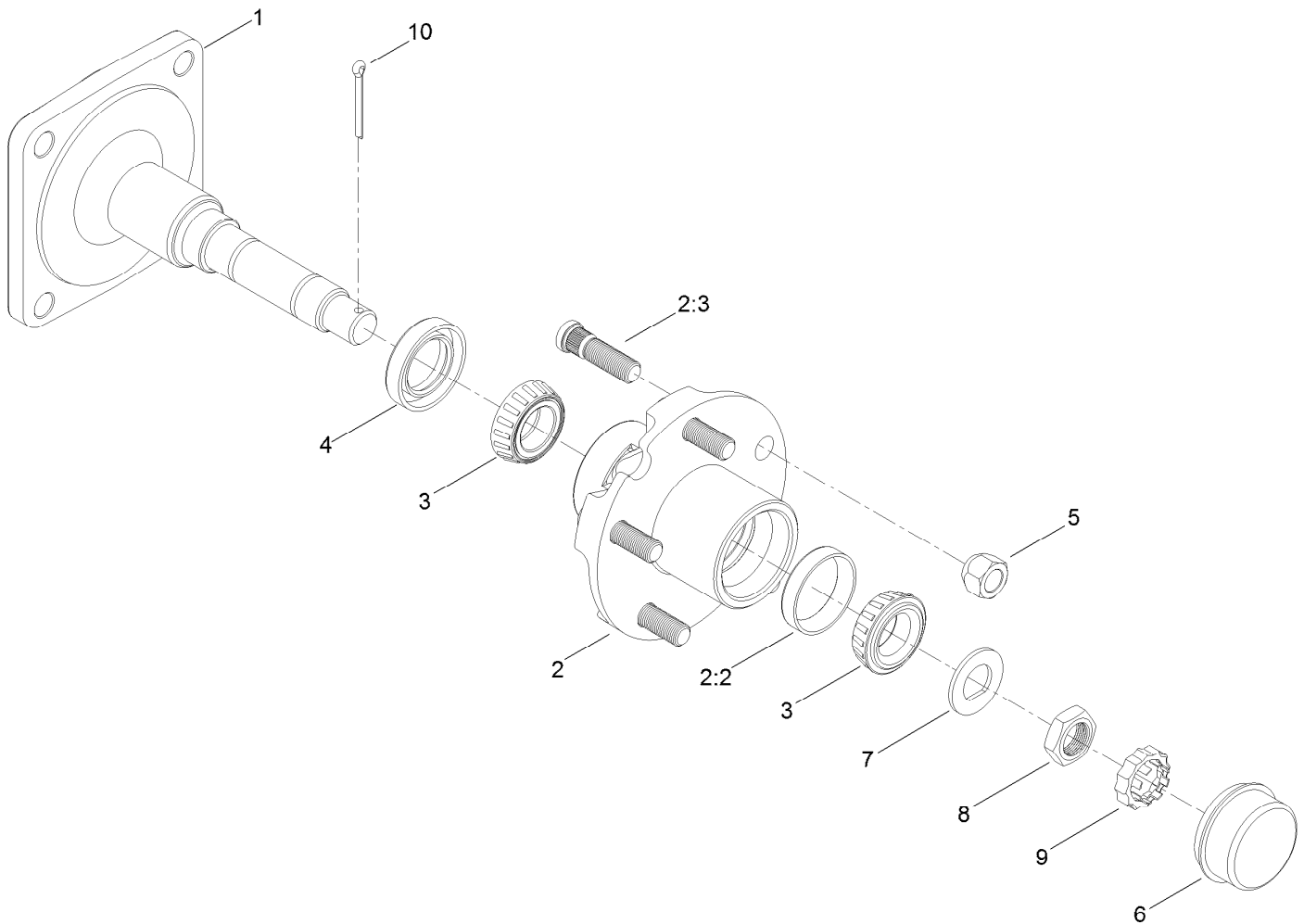
| Ref.  | Part Number | Qty. | Description        | Ref. | Part Number | Qty. | Description              |
|-------|-------------|------|--------------------|------|-------------|------|--------------------------|
| 1     | 107-4546-03 | 1    | Axle ASM           | 10   | 69-8890     | 2    | Cap-Spindle              |
| 1:1   |             | 1    | Axle ●             | 11   | 32151-77    | 2    | Ring-Retaining, External |
| 1:1:2 | 99-6964     | 2    | Bushing-Axle       | 12   | 3234-1      | 2    | Screw-HHF                |
| 1:1:3 | 104-0015    | 4    | Bushing-Flange     | 13   | 117-8961    | 2    | Hub And Spindle ASM      |
| 1:1:4 | 302-5       | 2    | Fitting-Grease     | 14   | 76-2980     | 2    | Washer-Thrust            |
| 2     | 161-5128    | 2    | Housing-Motor      | 15   | 3272-12     | 2    | Pin-Cotter               |
| 3     | 140-3142    | 1    | Link-Drag, RH      | 16   | 117-0281    | 2    | Rim And Tire ASM         |
| 4     | 139-6029    | 1    | Tie Rod ASM        | 16:1 | 117-0280    | 1    | Rim                      |
| 5     | 140-6101    | 1    | Pin ASM-Axle Pivot | 16:2 | 117-5125    | 1    | Tire                     |
| 5:2   | 32121-32    | 1    | Pin-Roll           | 16:3 | 232-27      | 1    | Stem-Valve               |
| 6     | 99-8432     | 2    | Washer-Thrust      | 17   | 140-3144    | 1    | Link-Drag, LH            |
| 7     | 71-4540     | 1    | Washer-Thrust      | 18   | 3234-38     | 6    | Screw-HHF                |
| 8     | 3296-15     | 1    | Nut-Lock, NI       | 19   | 3234-6      | 8    | Screw-HHF                |
| 9     | 302-33      | 1    | Fitting-Grease     |      |             |      |                          |

● Not serviced separately



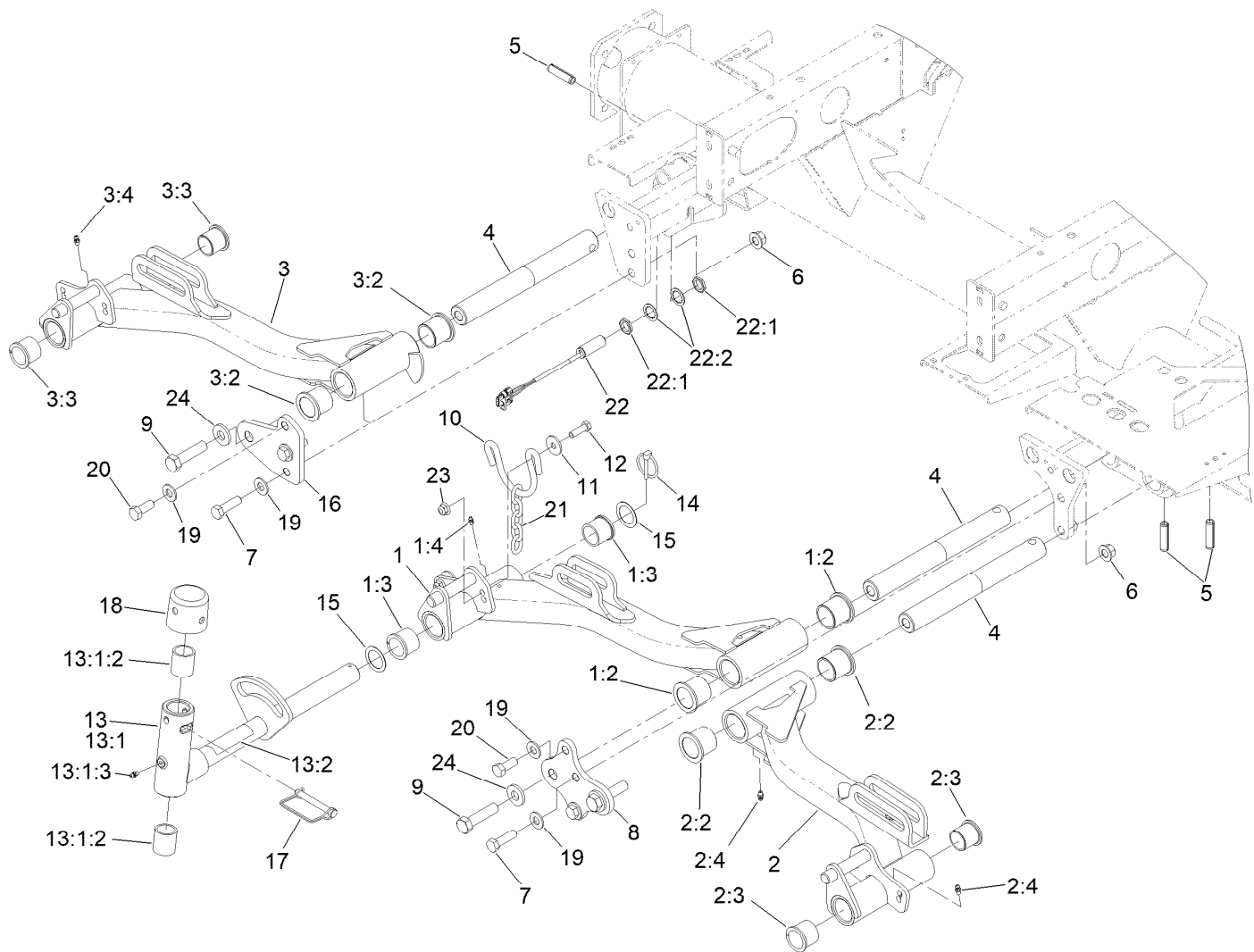
## Tie Rod Assembly No. 139-6029

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 144-3901    | 1    | Tie Rod End      |
| 2    | 139-6030    | 1    | Rod-Tie          |
| 3    | 84-5300     | 1    | Nut-Jam          |
| 4    | 110-5337    | 1    | Nut-Jam          |
| 5    | 144-3902    | 1    | Tie Rod End      |
| 6    | 140-6135    | 2    | Nut-Hex, Slotted |



## Hub and Spindle Assembly No. 117-8961

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 117-8958    | 1    | Spindle               |
| 2    | 117-8963    | 1    | Hub ASM               |
| 2:2  | 254-72      | 2    | Bearing-Cup, Tapered  |
| 2:3  | 114-3918    | 5    | Stud-Wheel            |
| 3    | 254-94      | 2    | Bearing-Cone, Tapered |
| 4    | 112-1690    | 1    | Seal-Oil              |
| 5    | 139-2564    | 5    | Nut-Lug               |
| 6    | 241-119     | 1    | Cap-Dust              |
| 7    | 117-8259    | 1    | Washer-Spindle        |
| 8    | 117-8260    | 1    | Nut                   |
| 9    | 93-0307     | 1    | Nut-Lock, Retainer    |
| 10   | 3272-18     | 1    | Pin-Cotter            |

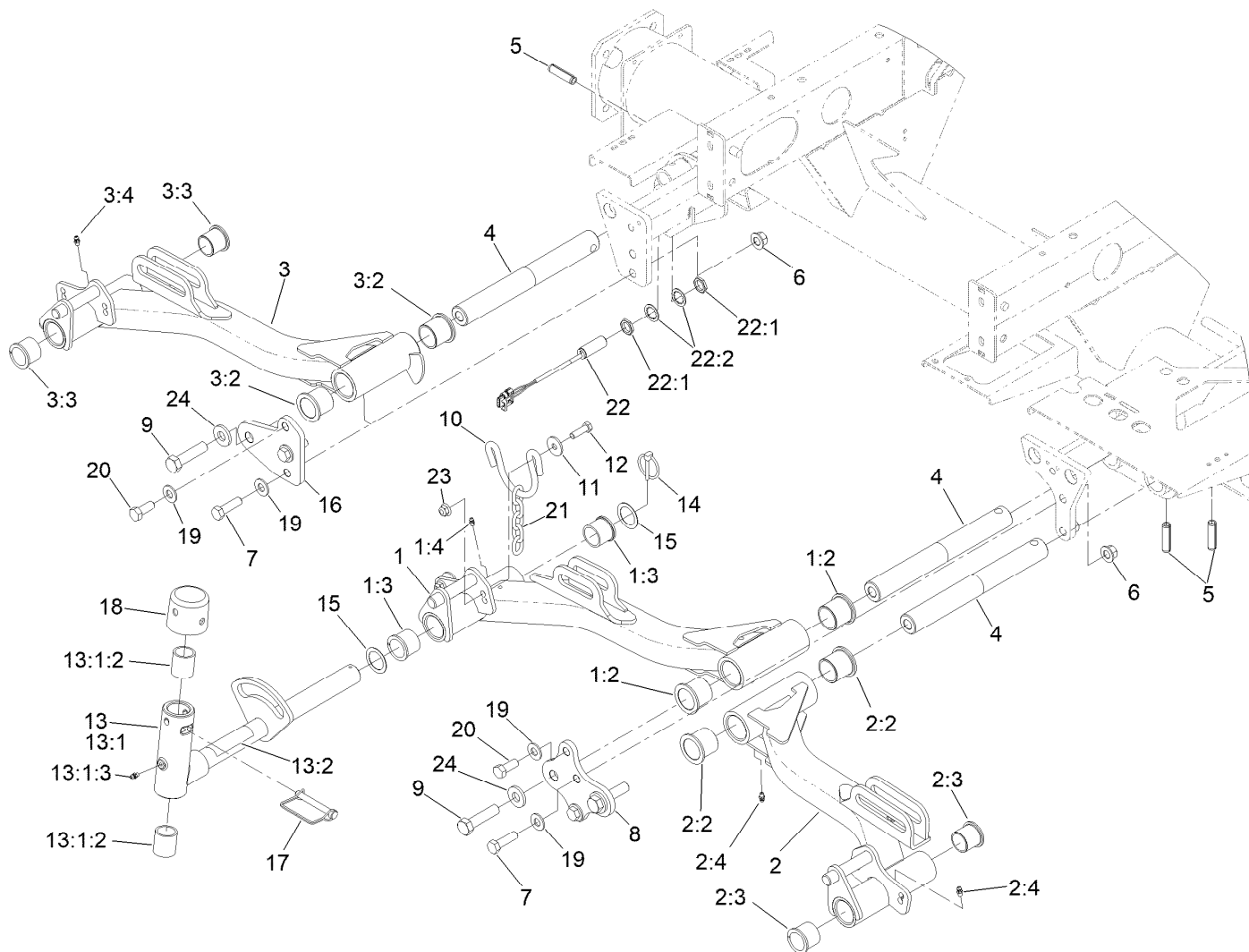


## No. 1, 4 and 5 Lift Arm Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 133-2911    | 1    | Lift Arm ASM #1      |
| 1:2  | 69-6470     | 2    | Bushing-Caster       |
| 1:3  | 104-0015    | 2    | Bushing-Flange       |
| 1:4  | 302-5       | 2    | Fitting-Grease       |
| 2    | 133-2914    | 1    | Lift Arm ASM #4      |
| 2:2  | 69-6470     | 2    | Bushing-Caster       |
| 2:3  | 104-0015    | 2    | Bushing-Flange       |
| 2:4  | 302-5       | 2    | Fitting-Grease       |
| 3    | 133-2915    | 1    | Lift Arm ASM #5      |
| 3:2  | 69-6470     | 2    | Bushing-Caster       |
| 3:3  | 104-0015    | 2    | Bushing-Flange       |
| 3:4  | 302-5       | 2    | Fitting-Grease       |
| 4    | 117-0208    | 3    | Shaft-Pivot, Liftarm |
| 5    | 32121-122   | 3    | Pin-Roll             |
| 6    | 99-5107     | 4    | Nut-HF Nylock        |
| 7    | 325-7       | 4    | Screw-HH             |
| 8    | 117-5154-01 | 1    | Plate-Bridge 1 And 4 |
| 9    | 327-7       | 3    | Screw-HH             |

| Ref.   | Part Number | Qty. | Description            |
|--------|-------------|------|------------------------|
| 10     | 110-0922    | 3    | Hoop-Chain             |
| 11     | 63-8410     | 6    | Washer                 |
| 12     | 323-7       | 6    | Screw-HH               |
| 13     | 138-1248    | 3    | Pivot Yoke ASM         |
| 13:1   |             | 1    | Yoke-Pivot ●           |
| 13:1:2 | 121-3187    | 2    | Bushing                |
| 13:1:3 | 302-5       | 1    | Fitting-Grease         |
| 13:2   | 110-9642    | 1    | Decal-Warning          |
| 14     | 92-1298     | 3    | Pin-Lynch              |
| 15     | 76-2980     | 6    | Washer-Thrust          |
| 16     | 117-5153-01 | 1    | Plate-Bridge 5         |
| 17     | 107-7400    | 3    | Pin-Lynch              |
| 18     | 107-4027    | 3    | Cap                    |
| 19     | 87-7270     | 6    | Washer-Thrust          |
| 20     | 325-5       | 2    | Screw-HH               |
| 21     | 84-2450     | 3    | Chain-Straight, 4-Link |
| 22     | 115-5300    | 1    | Proximity Switch ASM   |
| 22:1   | 117-3207    | 2    | Nut-Hex                |

● Not serviced separately

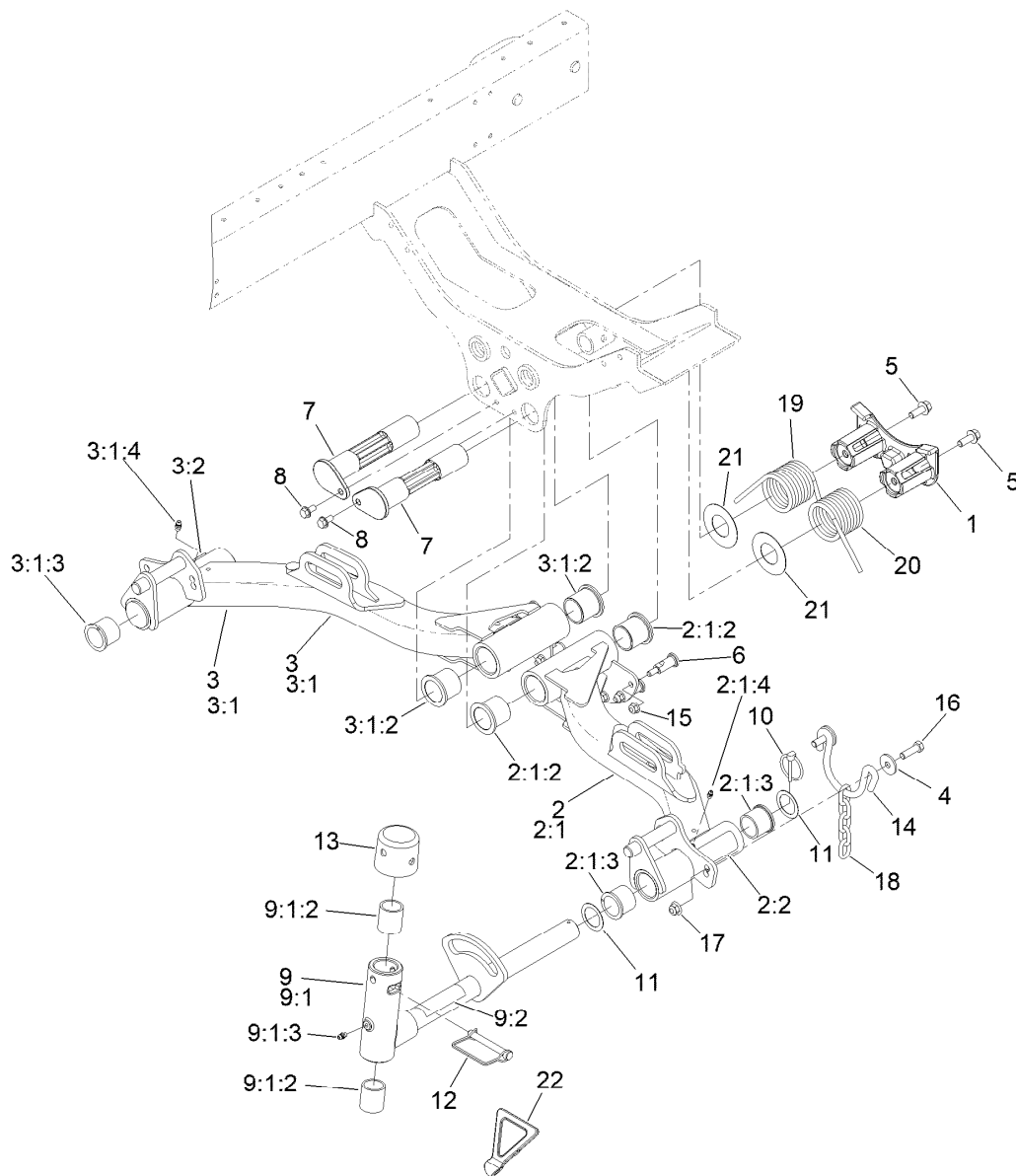


## No. 1, 4 and 5 Lift Arm Assembly (continued)

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 22:2 | 117-3208    | 2    | Washer-Lock, Internal Tooth |

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 23   | 104-8301    | 6    | Nut-HF, NI  |
| 24   | 99-7667     | 3    | Washer-Flat |

● Not serviced separately

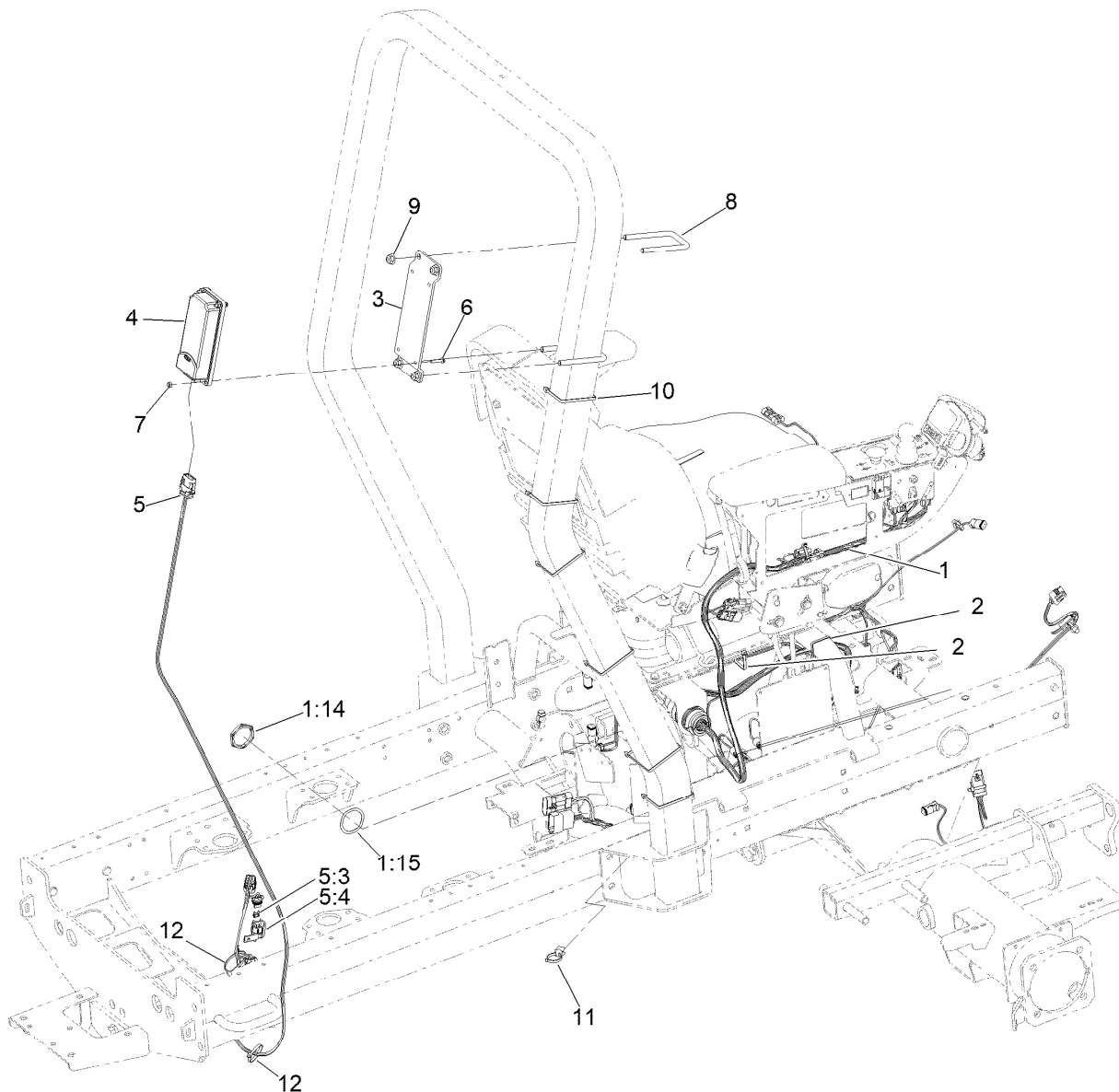


## No. 2 and 3 Lift Arm Assembly

| Ref.  | Part Number | Qty. | Description       |
|-------|-------------|------|-------------------|
| 1     | 125-2018    | 1    | Housing           |
| 2     | 136-8002    | 1    | Lift Arm #2       |
| 2:1   |             | 1    | Lift Arm ASM #2 ● |
| 2:1:2 | 69-6470     | 2    | Bushing-Caster    |
| 2:1:3 | 104-0015    | 2    | Bushing-Flange    |
| 2:1:4 | 302-5       | 2    | Fitting-Grease    |
| 2:2   | 93-6696     | 1    | Decal-Warning     |
| 3     | 136-8003    | 1    | Lift Arm #3       |
| 3:1   |             | 1    | Lift Arm ASM #3 ● |
| 3:1:2 | 69-6470     | 2    | Bushing-Caster    |
| 3:1:3 | 104-0015    | 2    | Bushing-Flange    |
| 3:1:4 | 302-5       | 2    | Fitting-Grease    |
| 3:2   | 93-6696     | 1    | Decal-Warning     |
| 4     | 63-8410     | 4    | Washer            |
| 5     | 3234-11     | 2    | Screw-HHF         |
| 6     | 120-6283    | 6    | Stud-Shouldered   |
| 7     | 125-2037    | 2    | Shaft             |
| 8     | 32144-14    | 2    | Screw-HWHTF       |

| Ref.  | Part Number | Qty. | Description            |
|-------|-------------|------|------------------------|
| 9     | 138-1248    | 2    | Pivot Yoke ASM         |
| 9:1   |             | 1    | Yoke-Pivot ●           |
| 9:1:2 | 121-3187    | 2    | Bushing                |
| 9:1:3 | 302-5       | 1    | Fitting-Grease         |
| 9:2   | 110-9642    | 1    | Decal-Warning          |
| 10    | 92-1298     | 2    | Pin-Lynch              |
| 11    | 76-2980     | 4    | Washer-Thrust          |
| 12    | 107-7400    | 2    | Pin-Lynch              |
| 13    | 107-4027    | 2    | Cap                    |
| 14    | 110-0922    | 2    | Hoop-Chain             |
| 15    | 104-8300    | 6    | Nut-HF, NI             |
| 16    | 323-7       | 4    | Screw-HH               |
| 17    | 104-8301    | 4    | Nut-HF, NI             |
| 18    | 84-2450     | 2    | Chain-Straight, 4-Link |
| 19    | 99-5608-03  | 1    | Spring-Torsion, RH     |
| 20    | 99-5609-03  | 1    | Spring-Torsion, LH     |
| 21    | 110-5345    | 2    | Washer                 |
| 22    | 119-8010-03 | 1    | Kickstand              |

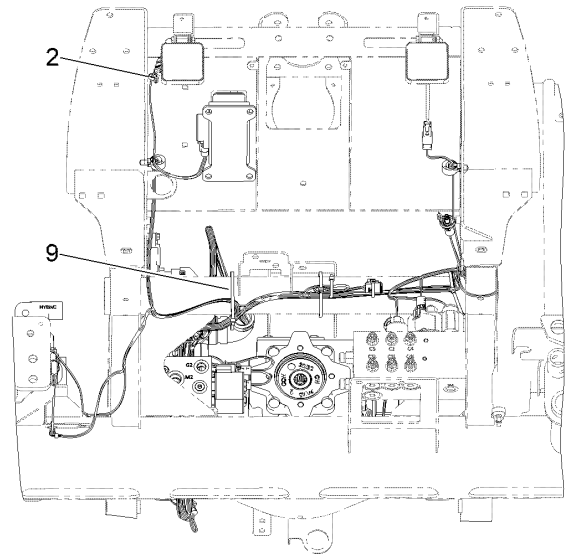
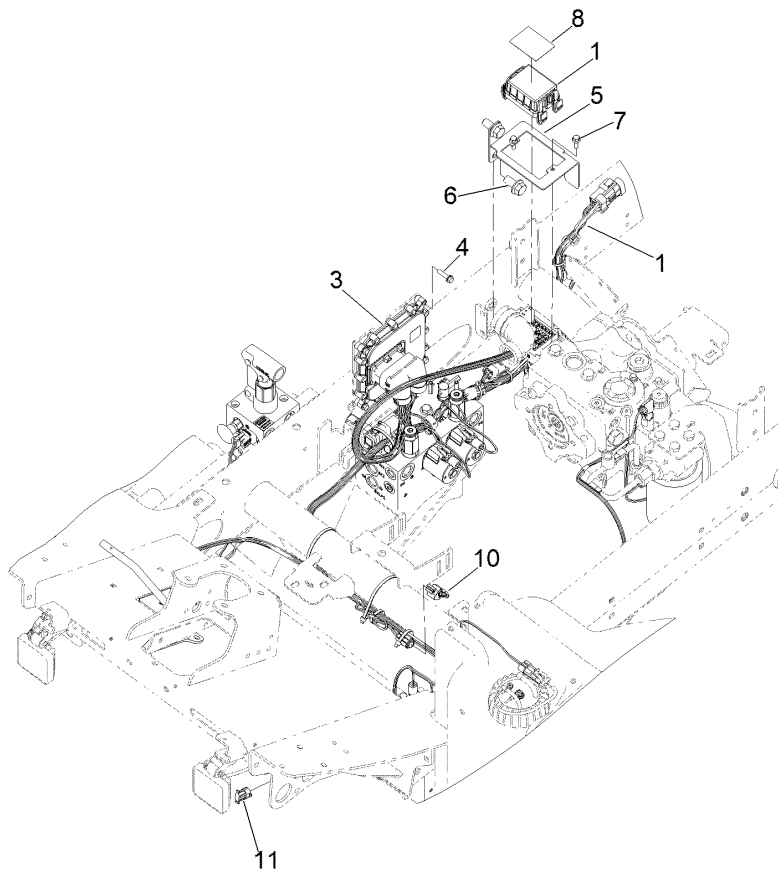
● Not serviced separately



## Seat and Control Arm Wiring Harness Assembly

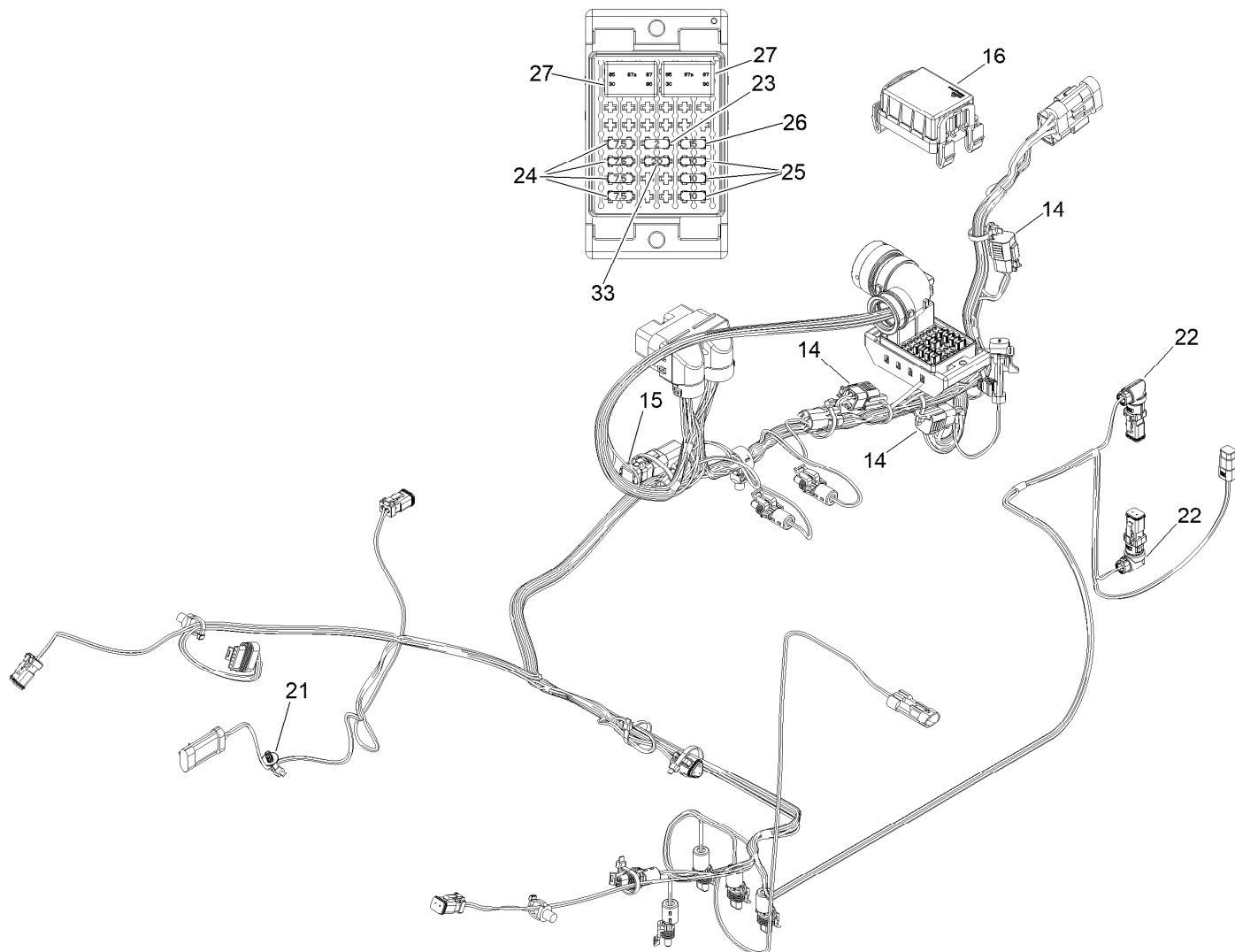
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 122-2126    | 1    | Harness-Wire, Seat     |
| 1:14 | 32180-135   | 1    | Nut-Connector          |
| 1:15 | 32180-143   | 1    | Washer-Lock            |
| 2    | 3290-378    | 2    | Tie-Cable              |
| 3    | 161-8398-03 | 1    | Bracket-Hmu Mouting    |
| 4    | 161-9001    | 1    | Gateway-Telematics     |
| 5    | 122-2163    | 1    | Harness-Wire           |
| 5:3  | 121-8861    | 1    | Fuse-Mini Blade, 2 Amp |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 5:4  | 32180-101   | 1    | Cover-Fuse, Single |
| 6    | 131-6456    | 4    | Screw-HWH          |
| 7    | 3296-2      | 4    | Nut-Lock, NI       |
| 8    | 138-8991    | 2    | U-Bolt-Sq          |
| 9    | 104-8301    | 4    | Nut-HF, NI         |
| 10   | 3290-379    | 6    | Tie-Cable          |
| 11   | 32180-078   | 1    | Clip-Edge          |
| 12   | 3290-378    | 2    | Tie-Cable          |



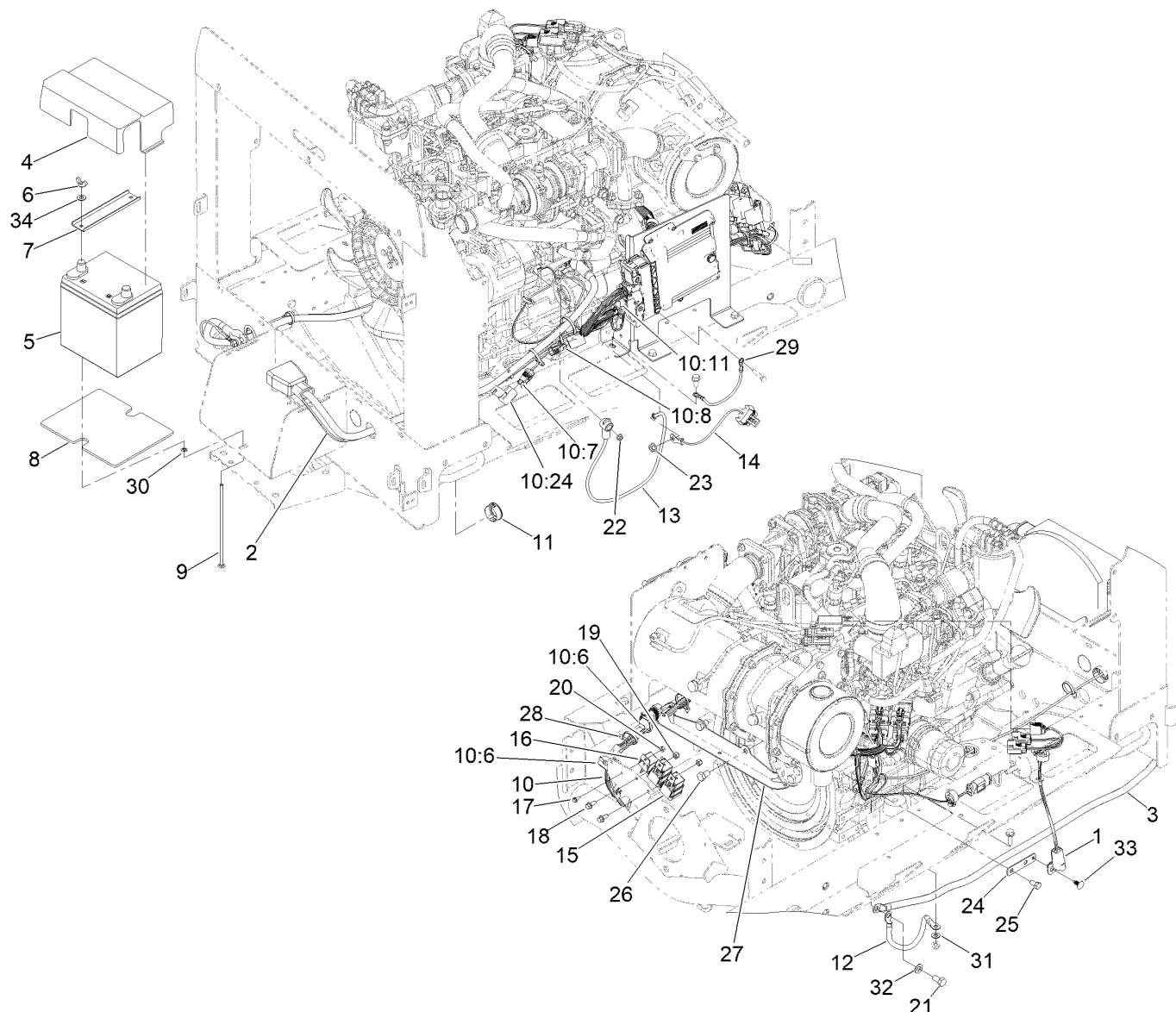
## Main Wiring Harness Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 122-2912    | 1    | Harness-Wire, Main   |
| 2    | 3290-378    | 1    | Tie-Cable            |
| 3    | 127-2770    | 1    | Controller           |
| 4    | 32144-86    | 4    | Screw-HWHTF          |
| 5    | 145-2506-0P | 1    | Bracket-Pdm [primed] |
| 6    | 3234-6      | 2    | Screw-HHF            |
| 7    | 33103-020   | 2    | Screw-HHF            |
| 8    | 145-2519    | 1    | Decal-Fuses          |
| 9    | 3290-379    | 3    | Tie-Cable            |
| 10   | 32180-089   | 1    | Cap-Plug, 3 Way      |
| 11   | 32180-056   | 1    | Cap                  |



## Wire Harness Assembly No. 122-2912

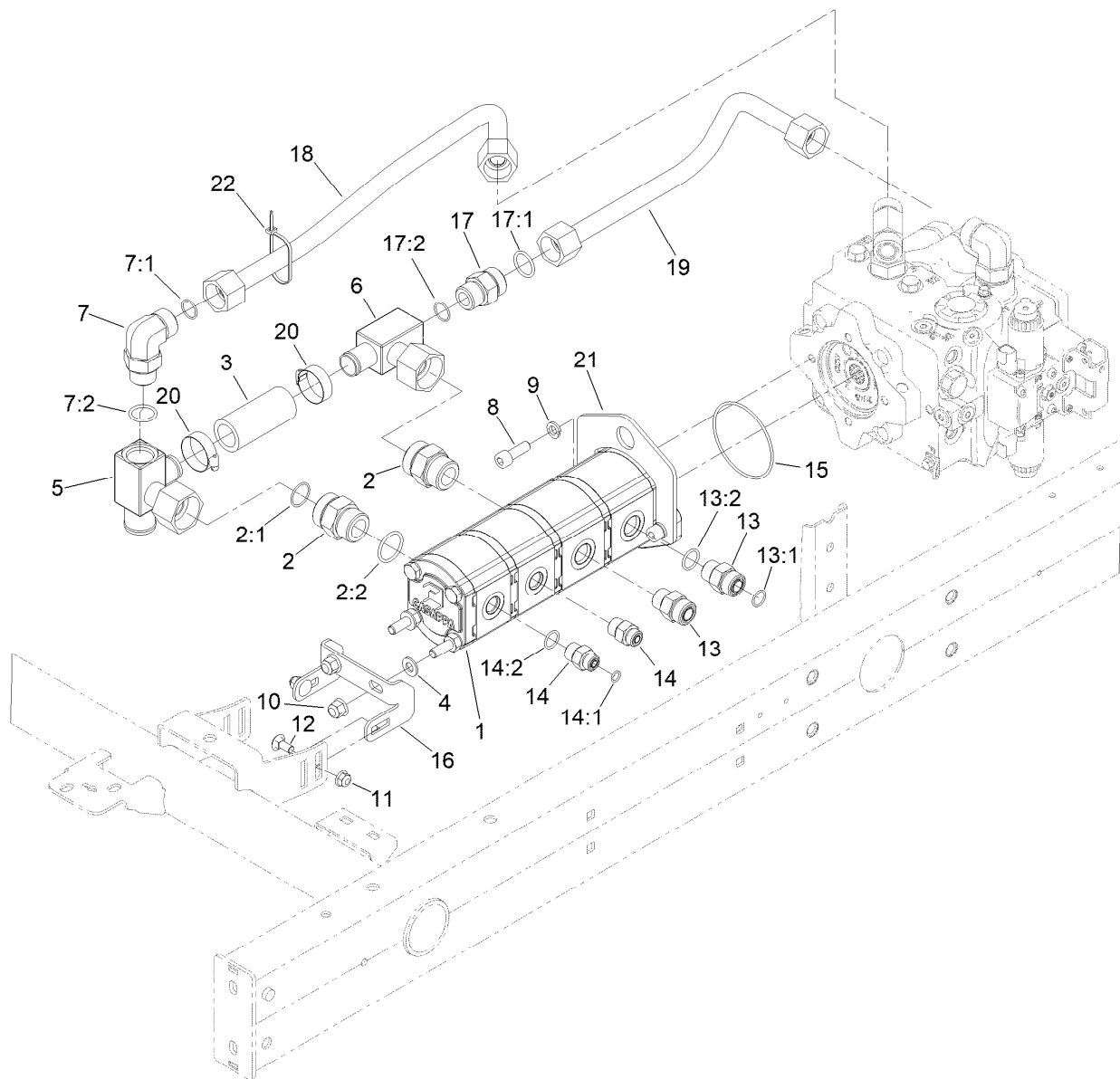
| Ref. | Part Number | Qty. | Description                              |
|------|-------------|------|------------------------------------------|
| 14   | 32180-156   | 3    | Cap-Plug, 6 Way                          |
| 15   | 122-1131    | 1    | Conn, Capacitor-Sealed                   |
| 16   | 32180-471   | 1    | Cover-Chief, Bric                        |
| 21   | 32180-400   | 1    | Clip-Tie, Fir Tree W/Tie, 5MM/.196" Hole |
| 22   | 32180-060   | 2    | Backshell-Harnessflex, Dt06-2S 90 Degree |
| 23   | 121-8861    | 1    | Fuse-Mini Blade, 2 Amp                   |
| 24   | 121-8865    | 4    | Fuse-Mini Blade, 7.5 Amp                 |
| 25   | 121-8866    | 3    | Fuse-Mini Blade, 10 Amp                  |
| 26   | 121-8867    | 1    | Fuse-Mini Blade, 15 Amp                  |
| 27   | 122-0368    | 2    | Relay-280 ISO                            |
| 33   | 121-8868    | 1    | Fuse-Mini Blade, 20 Amp                  |



## Battery Mounting Assembly

| Ref.  | Part Number | Qty. | Description                        |
|-------|-------------|------|------------------------------------|
| 1     | 122-2910    | 1    | Harness-Wire, Yanmar Dpf Interface |
| 2     | 121-8850    | 1    | Cable-Battery, Positive            |
| 3     | 121-8851    | 1    | Cable-Battery, Negative            |
| 4     | 163-3523    | 1    | Cover-Battery                      |
| 5     | 161-6891    | 1    | Battery-Wet, 12V, 540 CCA          |
| 6     | 32103-22    | 1    | Nut-Wing                           |
| 7     | 163-3515-0P | 1    | Channel-Clamp, Battery             |
| 8     | 163-3527    | 1    | Mat-Battery                        |
| 9     | 137-8106    | 1    | Screw-CARR                         |
| 10    | 122-2911    | 1    | Harness-Wire, Engine               |
| 10:6  | 100-4918    | 2    | Diode                              |
| 10:7  | 121-8868    | 1    | Fuse-Mini Blade, 20 Amp            |
| 10:8  | 121-8866    | 1    | Fuse-Mini Blade, 10 Amp            |
| 10:11 | 32160-359   | 1    | Connector (6M)                     |
| 10:24 | 32180-101   | 2    | Cover-Fuse, Single                 |
| 11    | 32180-570   | 2    | Bushing-Panel Snap, 1.00"          |
| 12    | 121-8856    | 1    | Cable-Ground, Engine               |
| 13    | 100-5552    | 1    | Harness-Wire                       |
| 14    | 99-3441     | 1    | Harness-Wire, Fusible Link         |

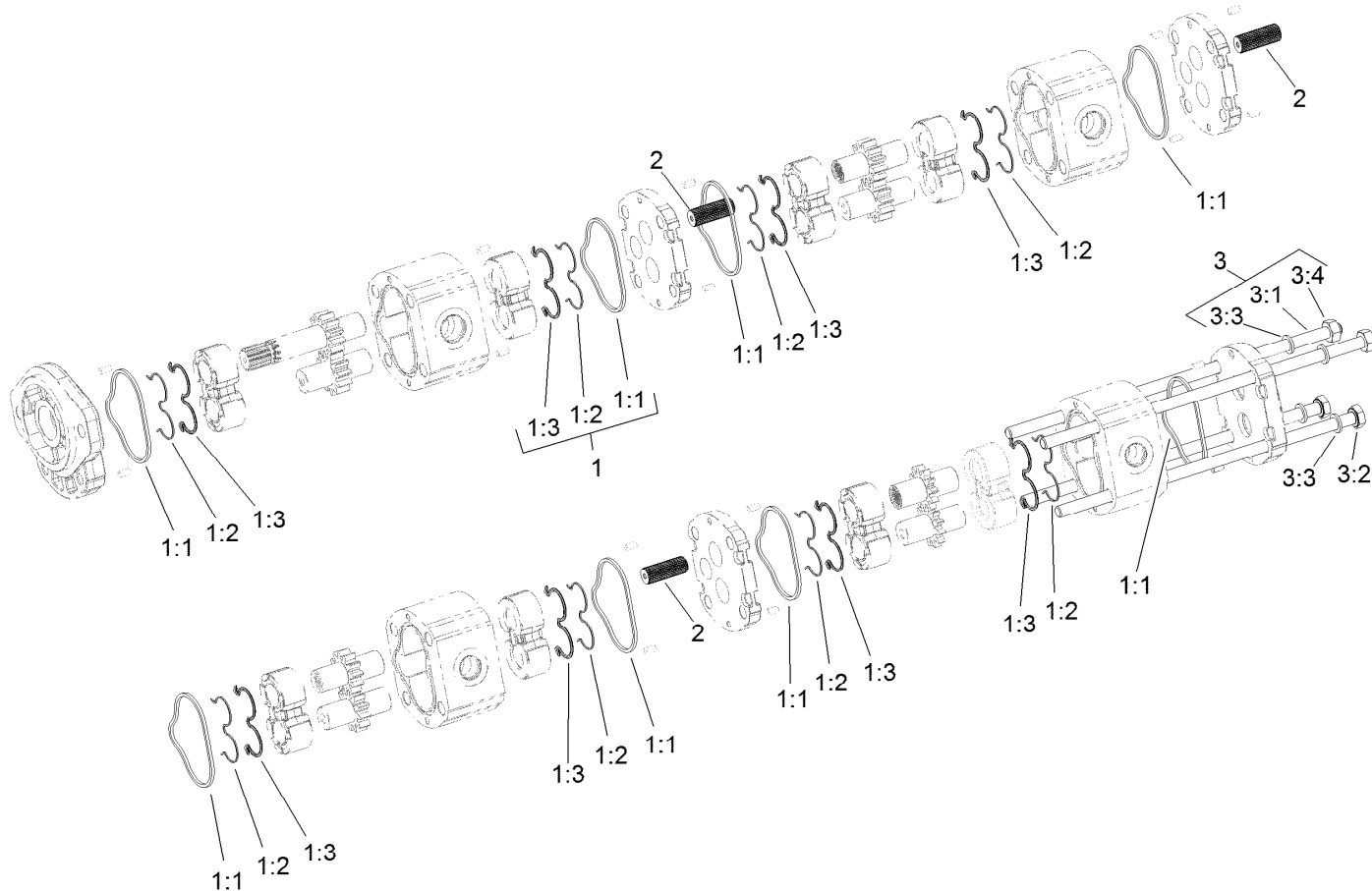
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 15   | 99-7430     | 2    | Relay-Mini           |
| 16   | 99-7435     | 1    | Relay                |
| 17   | 3290-321    | 1    | Screw-HWH            |
| 18   | 3234-33     | 2    | Screw-HHF            |
| 19   | 3296-42     | 2    | Nut-Lock, NI         |
| 20   | 3296-2      | 1    | Nut-Lock, NI         |
| 21   | 33115-020   | 1    | Screw-HH             |
| 22   | 33003-00    | 1    | Nut-HF               |
| 23   | 33004-00    | 1    | Nut-HF               |
| 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   | 3290-378    | 9    | Tie-Cable            |
| 29   | 122-0058    | 1    | Harness-Wire, Ground |
| 30   | 32115-15    | 2    | Nut-Push             |
| 31   | 120-9683    | 1    | Washer-Plain         |
| 32   | 33095-00    | 1    | Washer-Flat          |
| 33   | 117-2382    | 1    | Plug-Plastic         |
| 34   | 3256-23     | 2    | Washer-Plain         |



## Gear Pump Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 105-7576    | 1    | Gear Pump ASM         |
| 2    | 104-3797    | 2    | Fitting-Straight      |
| 2:1  | 237-146     | 1    | O-Ring                |
| 2:2  | 340-65      | 1    | O-Ring                |
| 3    | 144-2092    | 1    | Hose-Formed           |
| 4    | 3256-24     | 2    | Washer-Plain          |
| 5    | 145-2570    | 1    | Manifold-Tube         |
| 6    | 144-2093    | 1    | Manifold-Tube         |
| 7    | 340-142     | 1    | Fitting-Elbow, 90 DEG |
| 7:1  | 237-58      | 1    | O-Ring                |
| 7:2  | 237-81      | 1    | O-Ring                |
| 8    | ST80801     | 2    | Screw-HSH             |
| 9    | 48-9590     | 2    | Washer-Lock           |
| 10   | 103-9511    | 2    | Nut-Flg               |
| 11   | 104-8300    | 2    | Nut-HF, NI            |
| 12   | 3230-1      | 2    | Bolt-CARR             |

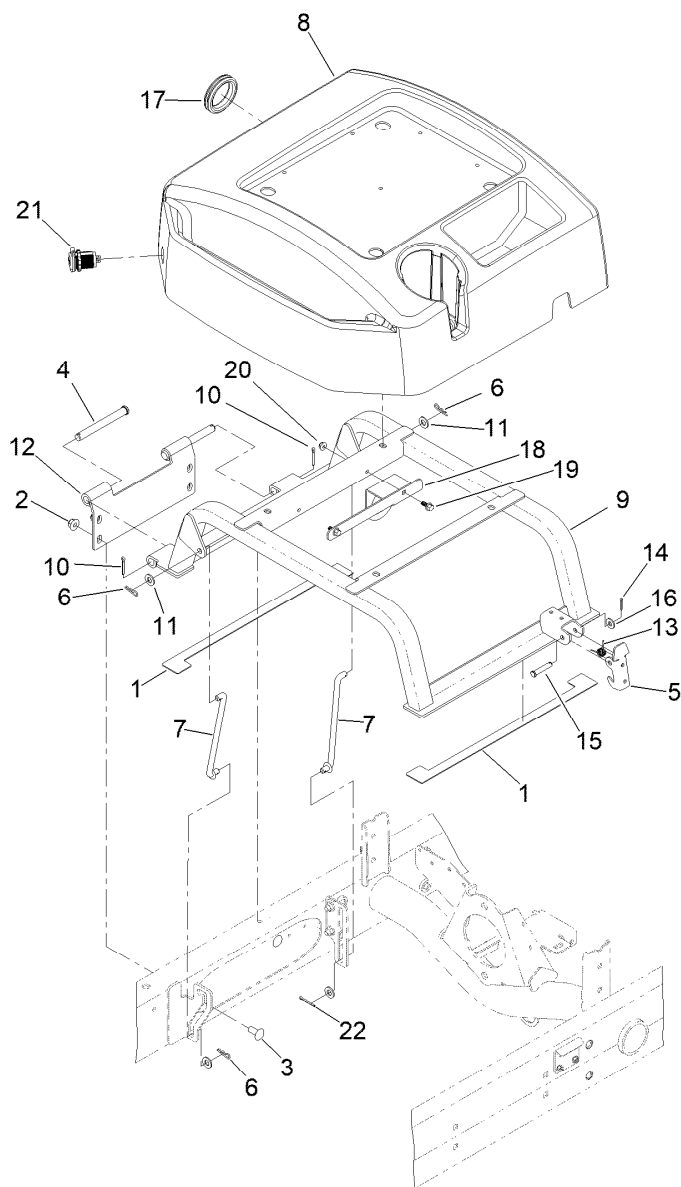
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 13   | 340-7       | 2    | Fitting-Straight   |
| 13:1 | 237-65      | 1    | O-Ring             |
| 13:2 | 237-80      | 1    | O-Ring             |
| 14   | 340-3       | 2    | Fitting-Straight   |
| 14:1 | 237-22      | 1    | O-Ring             |
| 14:2 | 237-79      | 1    | O-Ring             |
| 15   | 237-161     | 1    | O-Ring             |
| 16   | 133-2946-0P | 1    | Brkt-Gear Pump     |
| 17   | 340-9       | 1    | Fitting-STR        |
| 17:1 | 237-58      | 1    | O-Ring             |
| 17:2 | 237-81      | 1    | O-Ring             |
| 18   | 145-2593    | 1    | Tube ASM-Hydraulic |
| 19   | 145-2586    | 1    | Tube ASM-Hydraulic |
| 20   | 2412-34     | 2    | Clamp-Hose         |
| 21   | 145-2548-0P | 1    | Bracket-Lift, Pump |
| 22   | 3290-378    | 1    | Tie-Cable          |



## Gear Pump Assembly No. 105-7576

| 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    | 120-6284    | 3    | Hub-Connecting |
| 3    | 125-8759    | 1    | Kit-Bolt       |
| 3:1  |             | 2    | Bolt-Stud ●    |
| 3:2  |             | 2    | Screw ●        |
| 3:3  |             | 4    | Washer ●       |
| 3:4  |             | 2    | Nut ●          |

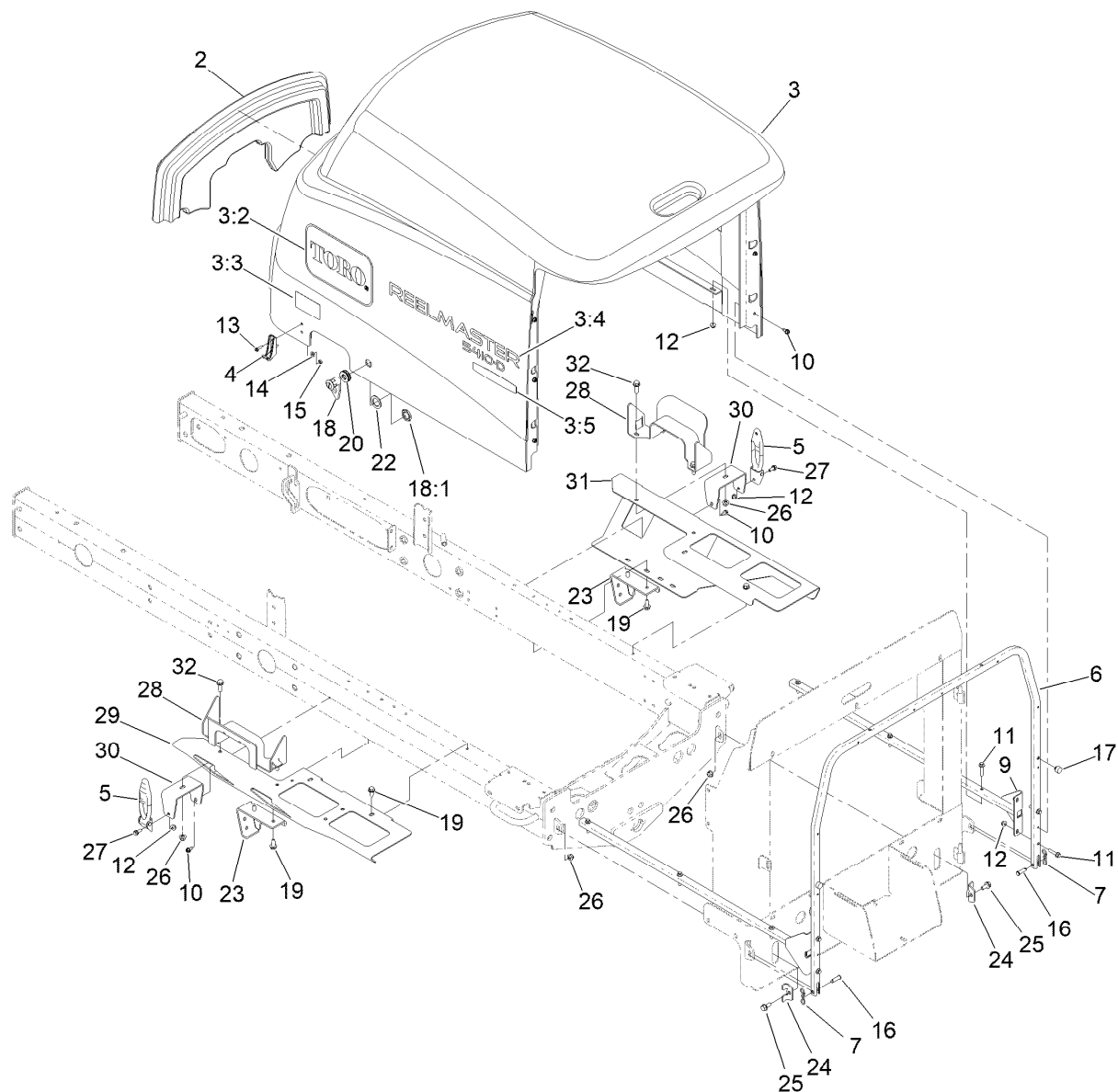
● Not serviced separately



## 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    | 3    | Pin-Cotter        |
| 7    | 98-0917     | 2    | Rod-Prop          |
| 8    | 145-2450    | 1    | Cover-Seatbase    |
| 9    | 125-2122-03 | 1    | Seat Base ASM     |
| 10   | 3272-11     | 2    | Pin-Cotter        |
| 11   | 3256-24     | 4    | Washer-Plain      |

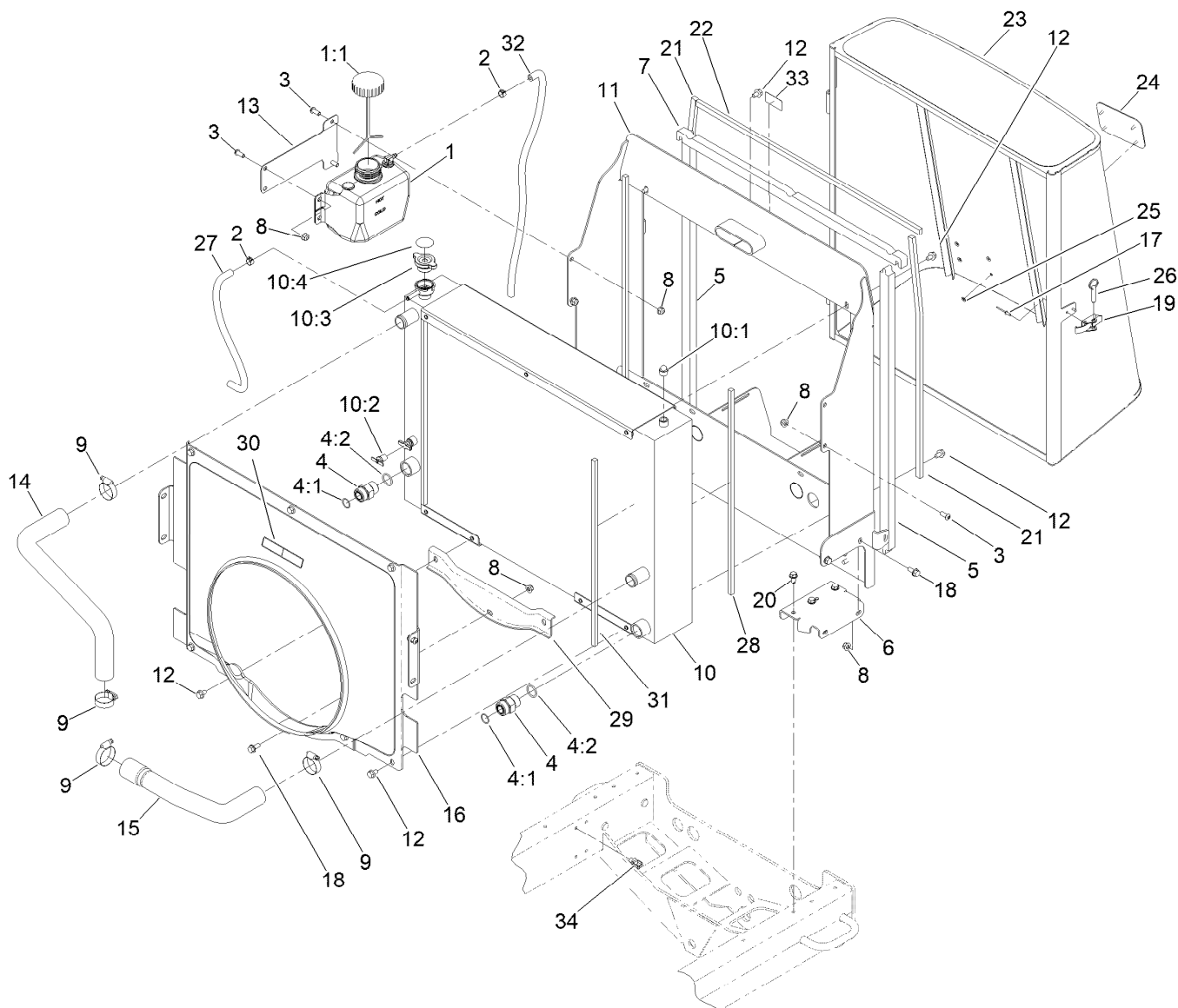
| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 12   | 125-2121-03 | 1    | Hinge-Seatbase  |
| 13   | 104-4821    | 1    | Spring-Torsion  |
| 14   | 3272-6      | 1    | Pin-Cotter      |
| 15   | 94-3829     | 1    | Pin-Clevis      |
| 16   | 3256-2      | 1    | Washer-Flat     |
| 17   | 240-12      | 1    | Grommet-Rubber  |
| 18   | 145-2480-0P | 1    | Bracket-Harness |
| 19   | 99-6810     | 2    | Screw-HHF       |
| 20   | 104-7201    | 2    | Nut-HF, NI      |
| 21   | 131-8388    | 1    | Socket-USB      |
| 22   | 3272-4      | 1    | Pin-Cotter      |



## Hood Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 2    | 145-2456    | 1    | Saddle-Hood                |
| 3    | 145-2537    | 1    | Hood ASM (Rm5410D Service) |
| 3:2  | 66-6140     | 2    | Decal                      |
| 3:3  | 106-6754    | 2    | Decal-Danger               |
| 3:4  | 125-2928    | 2    | Decal                      |
| 3:5  | 121-1594    | 2    | Decal-Smart Power          |
| 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               |
| 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               |

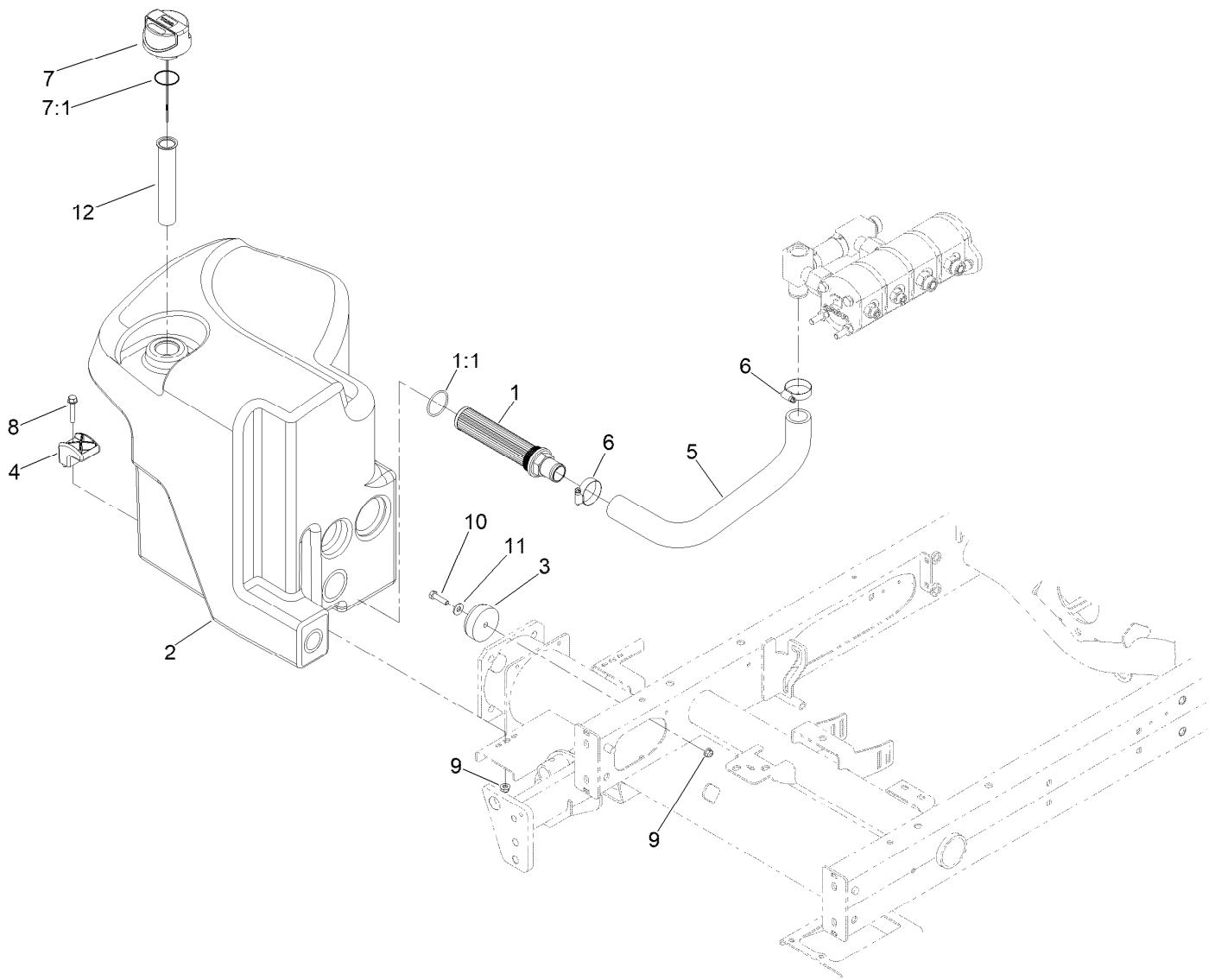
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 16   | 283-61      | 2    | Pin-Yoke              |
| 17   | 107-8042    | 2    | Bumper-Rubber         |
| 18   | 98-5398     | 1    | Latch                 |
| 18:1 | 3218-20     | 1    | Nut-Jam               |
| 19   | 32104-32    | 6    | Screw-HWH             |
| 20   | 104-1453    | 1    | Grommet               |
| 22   | 99-4958     | 1    | Spacer                |
| 23   | 110-0979-03 | 2    | Bracket-Deflector     |
| 24   | 110-8946    | 2    | Clamp-Frame, Radiator |
| 25   | 3234-5      | 2    | Screw-HHF             |
| 26   | 104-8300    | 6    | Nut-HF, NI            |
| 27   | 3234-33     | 2    | Screw-HHF             |
| 28   | 121-5627-03 | 2    | Guide-Hood            |
| 29   | 110-5253-01 | 1    | Adapter-Hood, LH      |
| 30   | 110-5256-01 | 2    | Bracket-Latch, Hood   |
| 31   | 110-5254-01 | 1    | Adapter-Hood, RH      |
| 32   | 3234-17     | 4    | Screw-HHF             |



## Radiator Assembly

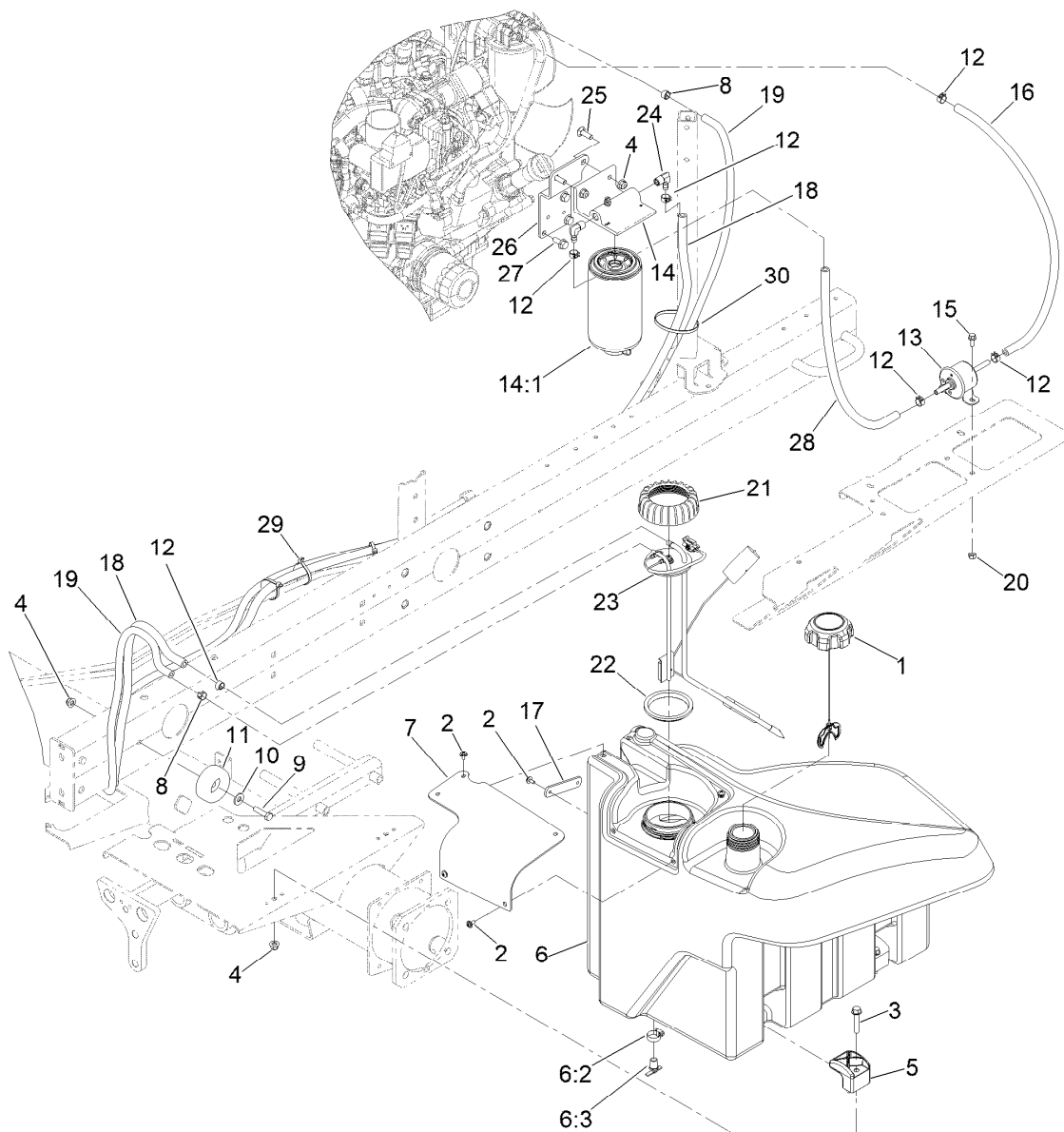
| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 120-5573    | 1    | Coolant Reservoir ASM       |
| 1:1  | 87-7050     | 1    | Cap-Reservoir               |
| 2    | 92-2379     | 3    | Clamp-Hose                  |
| 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    | 110-5310-0P | 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 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   | 163-3540-03 | 1    | Frame-Radiator              |
| 12   | 3234-30     | 14   | Screw-HHF                   |
| 13   | 121-5568-0P | 1    | Bracket-Reservoir           |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 14   | 133-2994    | 1    | Hose-Formed          |
| 15   | 121-5558    | 1    | Hose-Radiator, Lower |
| 16   | 125-2904    | 1    | Shroud-Fan, 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   | 93-7272     | 1    | Decal-Warning        |
| 31   | 125-8767    | 2    | Seal-Foam            |
| 32   | 110-3257    | 1    | Hose-Fuel            |
| 33   | 137-8127    | 1    | Decal-No Spray       |
| 34   | 32180-030   | 1    | Clip-Tie             |



## Hydraulic Tank Assembly

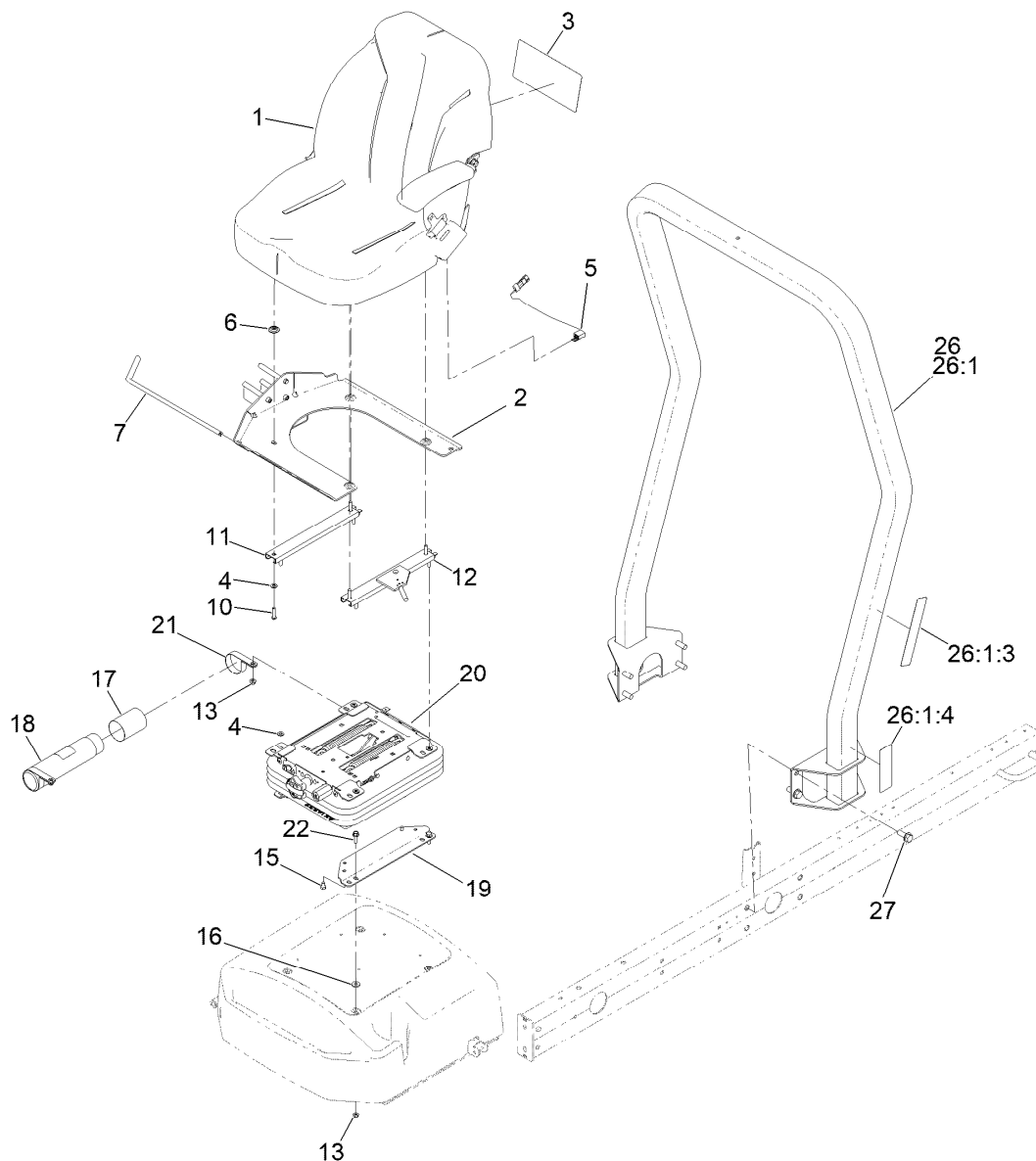
| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 1    | 145-2463    | 1    | Strainer-Tank, Hydraulic       |
| 1:1  | 340-136     | 1    | O-Ring                         |
| 2    | 145-2487    | 1    | Tank-Hydraulic                 |
| 3    | 108-1605    | 1    | Bumper-Recess                  |
| 4    | 107-4543    | 2    | Clamp                          |
| 5    | 144-2076    | 1    | Hose-Suction                   |
| 6    | 2412-3      | 2    | Clamp-Hose                     |
| 7    | 117-0193    | 1    | Cap-Hydraulic, Vented Breather |
| 7:1  | 237-101     | 1    | O-Ring                         |
| 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     | 1    | Clamp-Hose                         |
| 9    | 322-6       | 1    | Screw-HH                           |
| 10   | 3256-3      | 1    | Washer-Flat                        |
| 11   | 108-1605    | 1    | Bumper-Recess                      |
| 12   | 92-2379     | 7    | Clamp-Hose                         |
| 13   | 121-5613    | 1    | Pump-Fuel, Electric                |
| 14   | 125-2914    | 1    | Filter-Separator                   |

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 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   | 161-8378    | 1    | Hose-Fuel                   |
| 19   | 161-8380    | 1    | Hose-Fuel                   |
| 20   | 3296-42     | 2    | Nut-Lock, NI                |
| 21   | 140-6245    | 1    | Cap-Pump, Fuel              |
| 22   | 140-6246    | 1    | Gasket-Pump, Fuel,          |
| 23   | 121-5642    | 1    | Sender-Fuel                 |
| 24   | 353-781     | 2    | Fitting-HYD, 90             |
| 25   | 3230-22     | 2    | Screw-CARR                  |
| 26   | 120-6299-0P | 1    | Bracket-Separator           |
| 27   | 33104-020   | 3    | Screw-HHF                   |
| 28   | 109-0274    | 1    | Hose-Fuel                   |
| 29   | 3290-378    | 4    | Tie-Cable                   |
| 30   | 3290-379    | 1    | Tie-Cable                   |

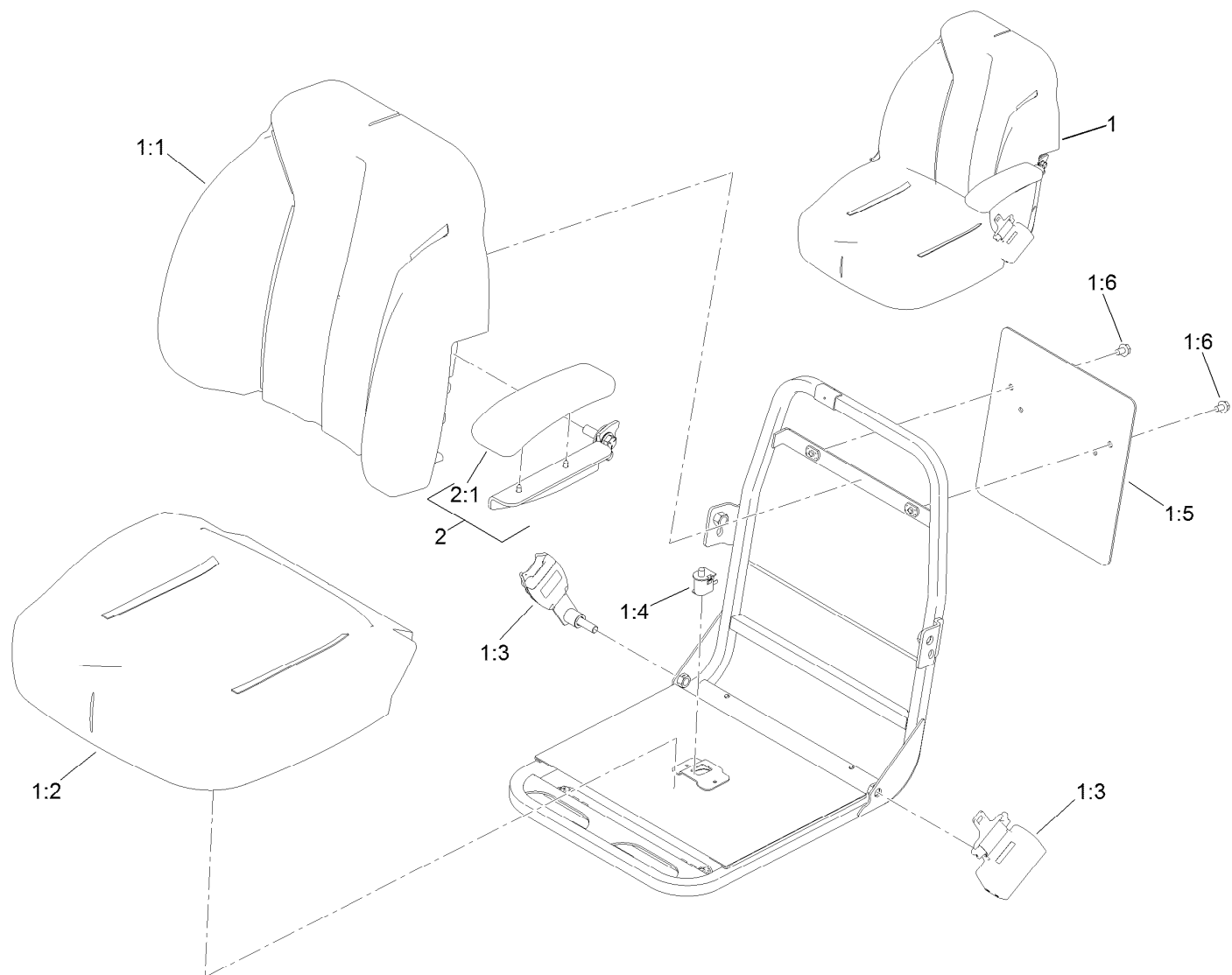


## Seat and Roll-Over Protection System Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 139-2700    | 1    | Seat ASM                   |
| 2    | 138-6985-03 | 1    | Mount-Seat                 |
| 3    | 145-2573    | 1    | Decal-Service              |
| 4    | 3256-23     | 8    | Washer-Plain               |
| 5    | 108-8657    | 1    | Harness-Wire, Seat         |
| 6    | 136-9002    | 4    | Spacer-Mounting            |
| 7    | 130-7100    | 1    | Trim-Seatbase              |
| 10   | 3290-511    | 4    | Screw-HSBH                 |
| 11   | 92-8990     | 1    | Adjuster-Seat, Non-Locking |
| 12   | 92-8991     | 1    | Adjuster (W/Latch)         |
| 13   | 104-8300    | 8    | Nut-HF, NI                 |
| 15   | 48-7680     | 4    | Screw-HH                   |

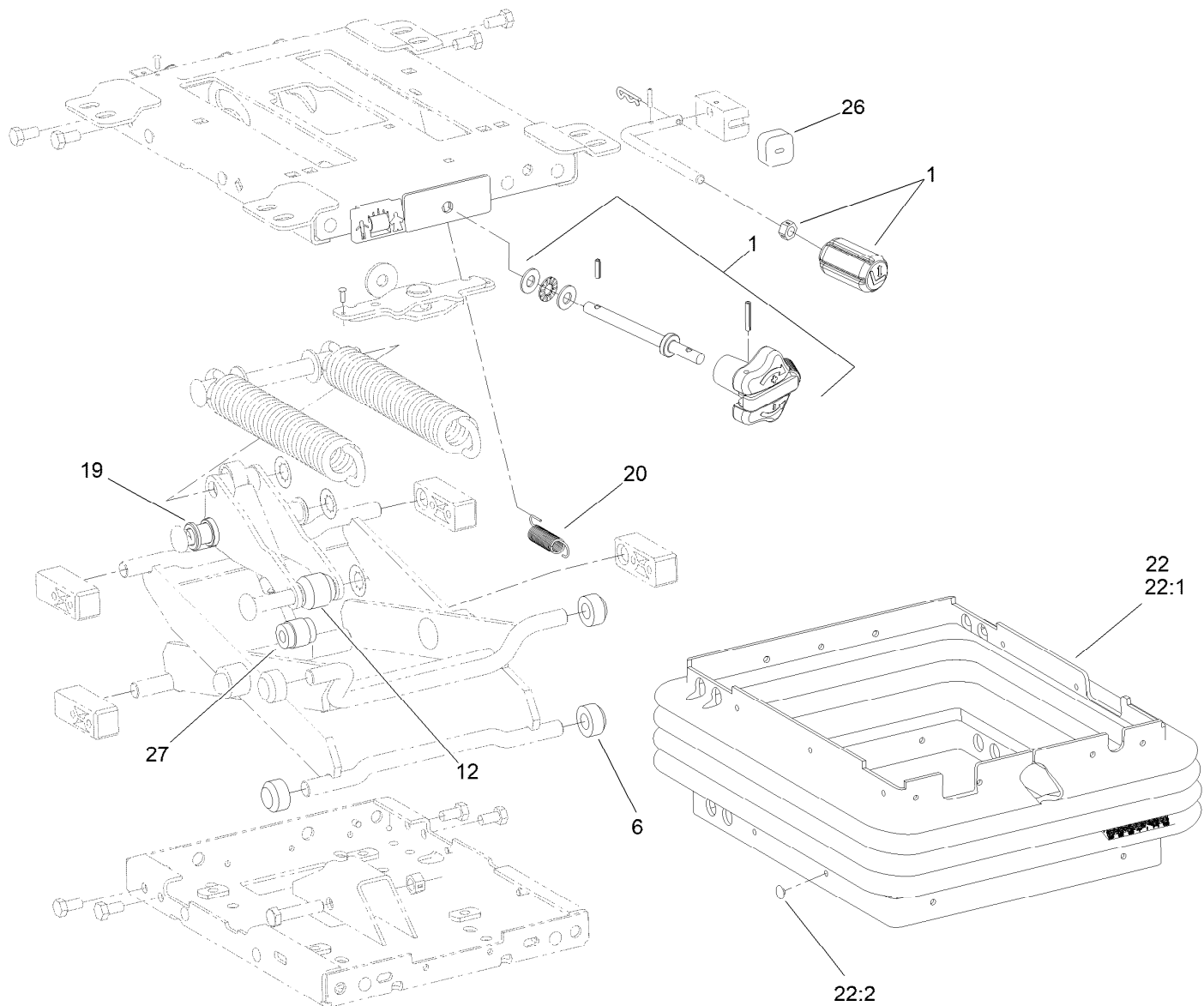
| Ref.   | Part Number | Qty. | Description         |
|--------|-------------|------|---------------------|
| 16     | 71-9310     | 4    | Spacer              |
| 17     | 104-7048    | 1    | Cap-Housing         |
| 18     | 104-7050    | 1    | Tube-Manual         |
| 19     | 108-6590-0P | 2    | Bracket-Seat, Lower |
| 20     | 145-5295    | 1    | Suspension ASM      |
| 21     | 2412-133    | 2    | Clamp-R             |
| 22     | 3234-17     | 4    | Screw-HHF           |
| 26     | 136-7954    | 1    | ROPS ASM            |
| 26:1   |             | 1    | ROPS ASM ●          |
| 26:1:3 | 136-3702    | 1    | Decal-Safety, ROPS  |
| 26:1:4 | 136-2159    | 1    | Decal-Seat Service  |
| 27     | 3234-38     | 8    | Screw-HHF           |

● Not serviced separately



## Seat Assembly No. 139-2700

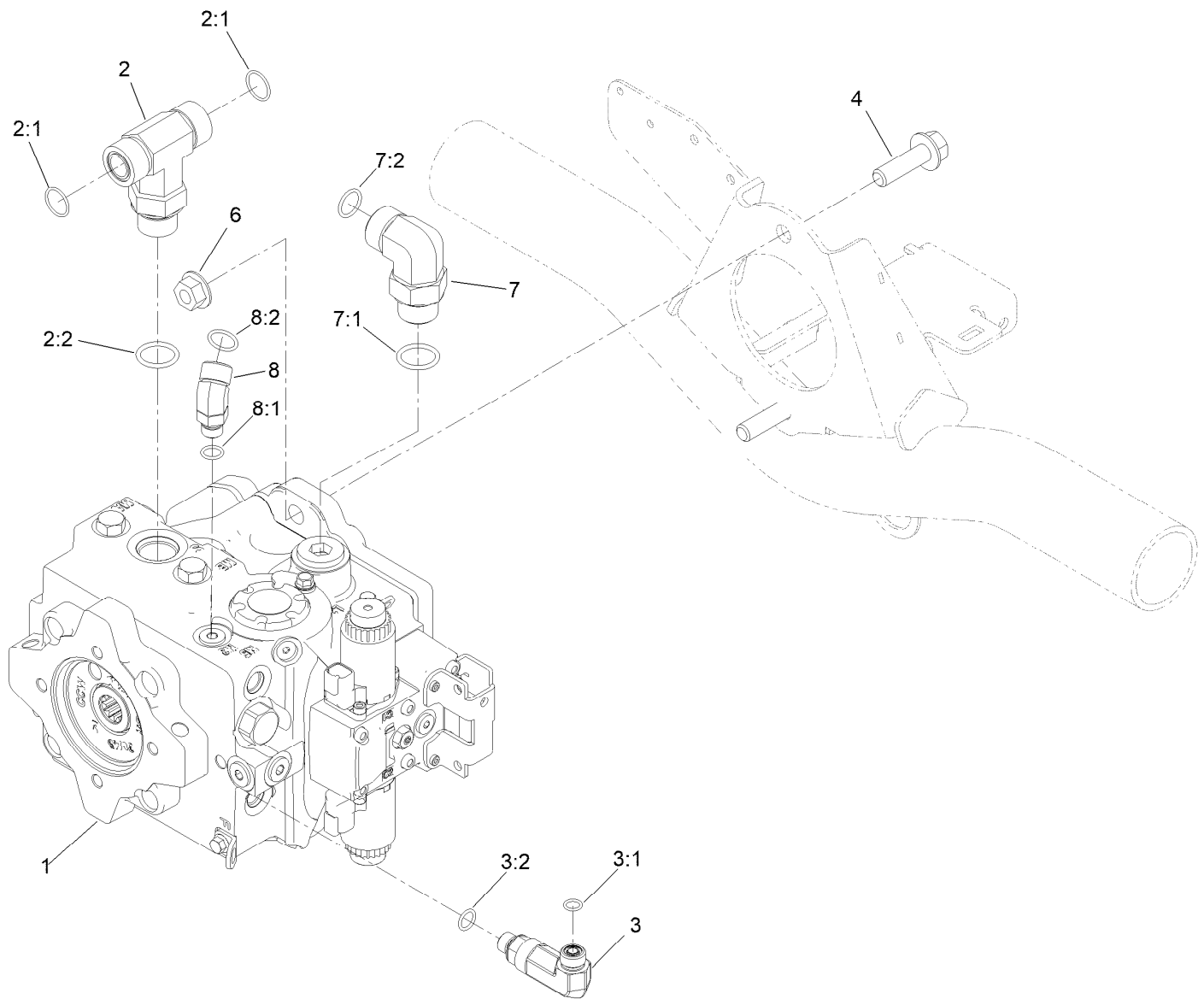
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 139-2680    | 1    | Seat ASM           |
| 1:1  | 145-0083    | 1    | Cover-Seat, Back   |
| 1:2  | 145-0084    | 1    | Cover-Seat, Bottom |
| 1:3  | 139-2707    | 1    | Seat Belt Kit      |
| 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. 145-5295

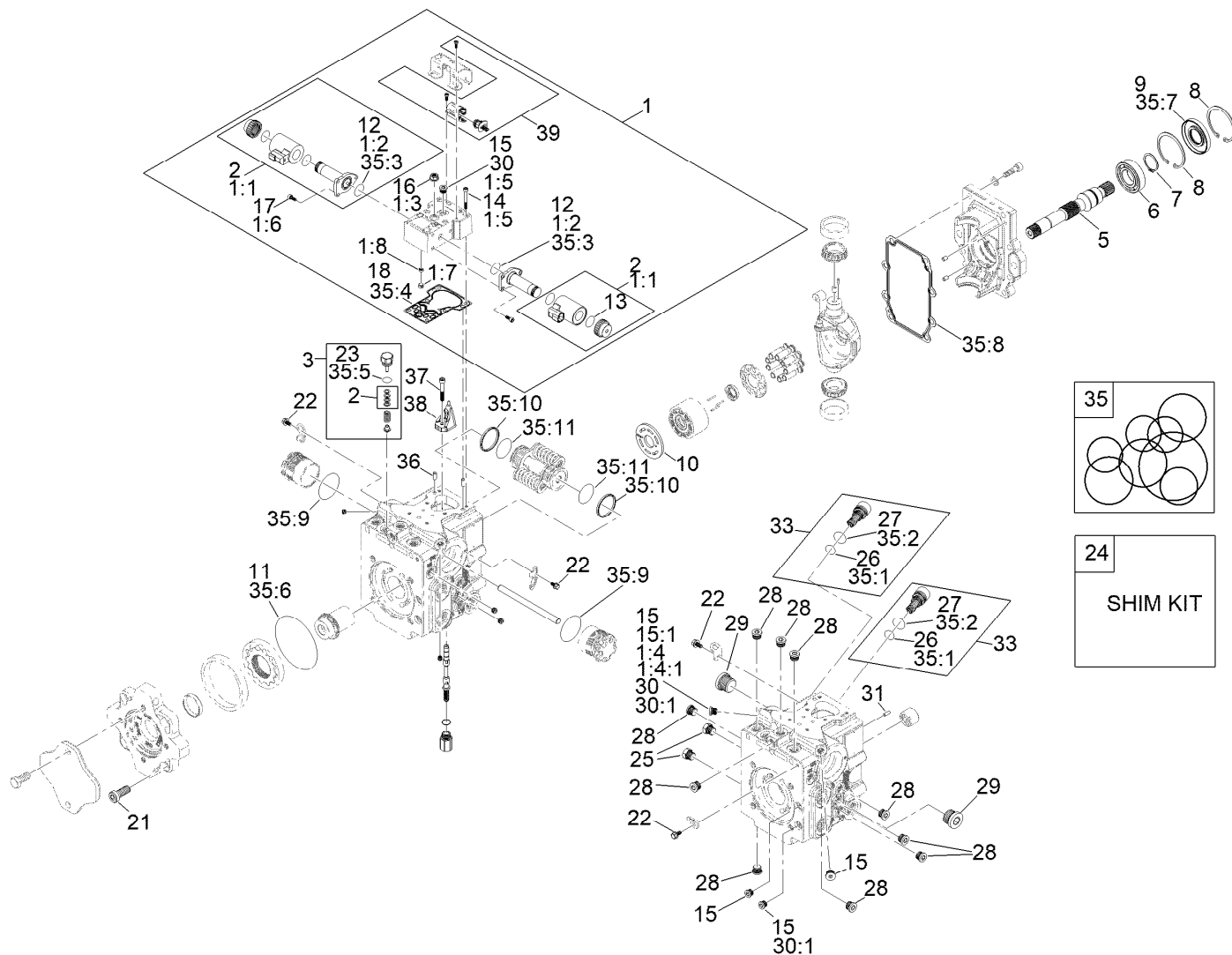
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 145-5296    | 1    | Knob Service Kit     |
| 6    | 108-9632    | 4    | Roller               |
| 12   | 145-5297    | 1    | Roller-Plastic, 36MM |
| 19   | 108-9622    | 2    | Tube                 |
| 20   | 108-9633    | 1    | Spring-Extension     |
| 22   | 112-0164    | 1    | Boot Kit             |
| 22:1 |             | 1    | Boot-Suspension ●    |
| 22:2 | 108-9641    | 21   | Clip-Plug            |
| 26   | 108-9634    | 1    | Bumper               |
| 27   | 108-9614    | 1    | Damper               |

● Not serviced separately



## Traction Pump Mounting Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 144-2060    | 1    | Pump-Hydraulic        |
| 2    | 104-4836    | 1    | Fitting-Tee           |
| 2:1  | 237-58      | 2    | O-Ring                |
| 2:2  | 237-81      | 1    | O-Ring                |
| 3    | 145-2645    | 1    | Fitting-Elbow 90 Long |
| 3:1  | 237-22      | 1    | O-Ring                |
| 3:2  | 237-42      | 1    | O-Ring                |
| 4    | 130-6481    | 2    | Screw-HHF             |
| 6    | 32128-49    | 2    | Nut-HHF               |
| 7    | 340-142     | 1    | Fitting-Elbow, 90 DEG |
| 7:1  | 237-58      | 1    | O-Ring                |
| 7:2  | 237-81      | 1    | O-Ring                |
| 8    | 340-96      | 1    | Adapter               |
| 8:1  | 237-30      | 1    | O-Ring                |
| 8:2  | 237-42      | 1    | O-Ring                |



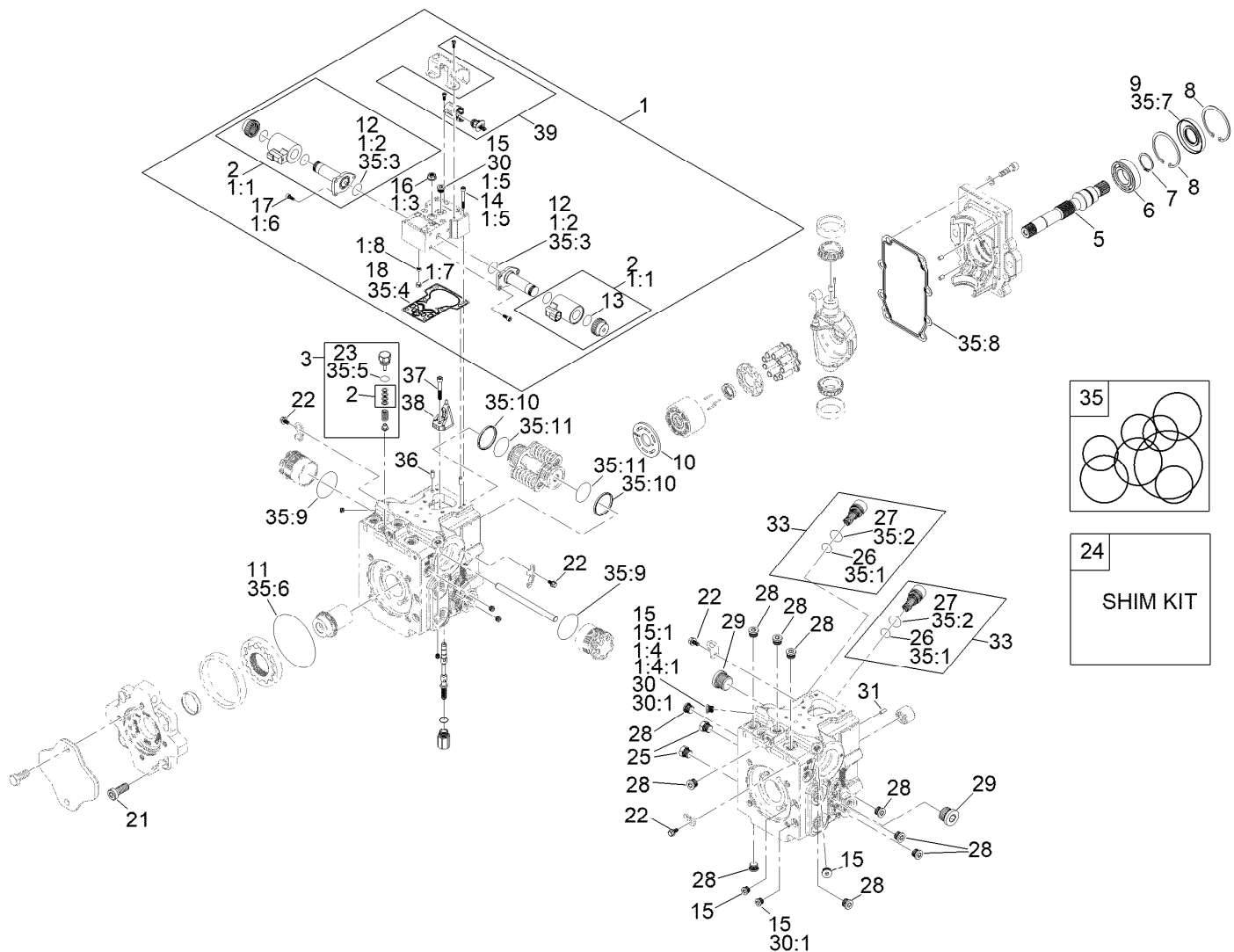
## Hydraulic Pump Assembly No. 144-2060

| Ref.  | Part Number | Qty. | Description           |
|-------|-------------|------|-----------------------|
| 1     | 136-3209    | 1    | Control Kit (12 Volt) |
| 1:1   | 132-6204    | 2    | Coil Kit              |
| 1:2   | 125-5288    | 2    | O-Ring                |
| 1:3   | 125-5273    | 1    | Nut-Seal              |
| 1:4   | 75-0170     | 1    | Plug-Thread, Straight |
| 1:4:1 | 92-8777     | 1    | O-Ring                |
| 1:5   | 125-5274    | 6    | Screw                 |
| 1:6   | 125-5272    | 6    | Screw                 |
| 1:7   | 136-3213    | 1    | Gasket-Control        |
| 1:8   | 136-3218    | 1    | Sensor Kit            |
| 2     | 125-5294    | 2    | Coil Kit              |
| 3     | 161-7203    | 1    | Charge Relief Valve   |
| 5     | 139-4811    | 1    | Shaft-13Tooth         |
| 6     | 139-4820    | 1    | Bearing-Ball          |
| 7     | 139-4806    | 1    | Ring-Retaining        |
| 8     | 139-4831    | 2    | Ring-Retaining        |
| 9     | 161-7202    | 1    | Oil Seal-Black        |
| 10    | 139-4813    | 1    | Plate-Valve           |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 11   | 161-7206    | 1    | O-Ring As568-244 Nbr90 |
| 12   | 125-5288    | 2    | O-Ring                 |
| 13   | 131-7388    | 2    | O-Ring                 |
| 14   | 125-5274    | 6    | Screw                  |
| 15   | 75-0170     | 4    | Plug-Thread, Straight  |
| 15:1 | 92-8777     | 1    | O-Ring                 |
| 16   | 161-7200    | 1    | Nut-Hex Seal           |
| 17   | 125-5272    | 6    | Screw                  |
| 18   | 125-5283    | 1    | Gasket-Control         |
| 21   | 125-5282    | 4    | Screw                  |
| 22   | 125-5270    | 4    | Screw                  |
| 23   | 125-5298    | 1    | O-Ring                 |
| 24   | 92-1353     | 1    | Shim Kit               |
| 25   | 136-1026    | 1    | Plug ASM               |
| 26   | 75-0240     | 2    | O-Ring                 |
| 27   | 84-0560     | 2    | O-Ring                 |
| 28   | 69-3080     | 10   | Plug                   |
| 29   | 69-3130     | 1    | Plug                   |

● Not illustrated

■ Not serviced separately

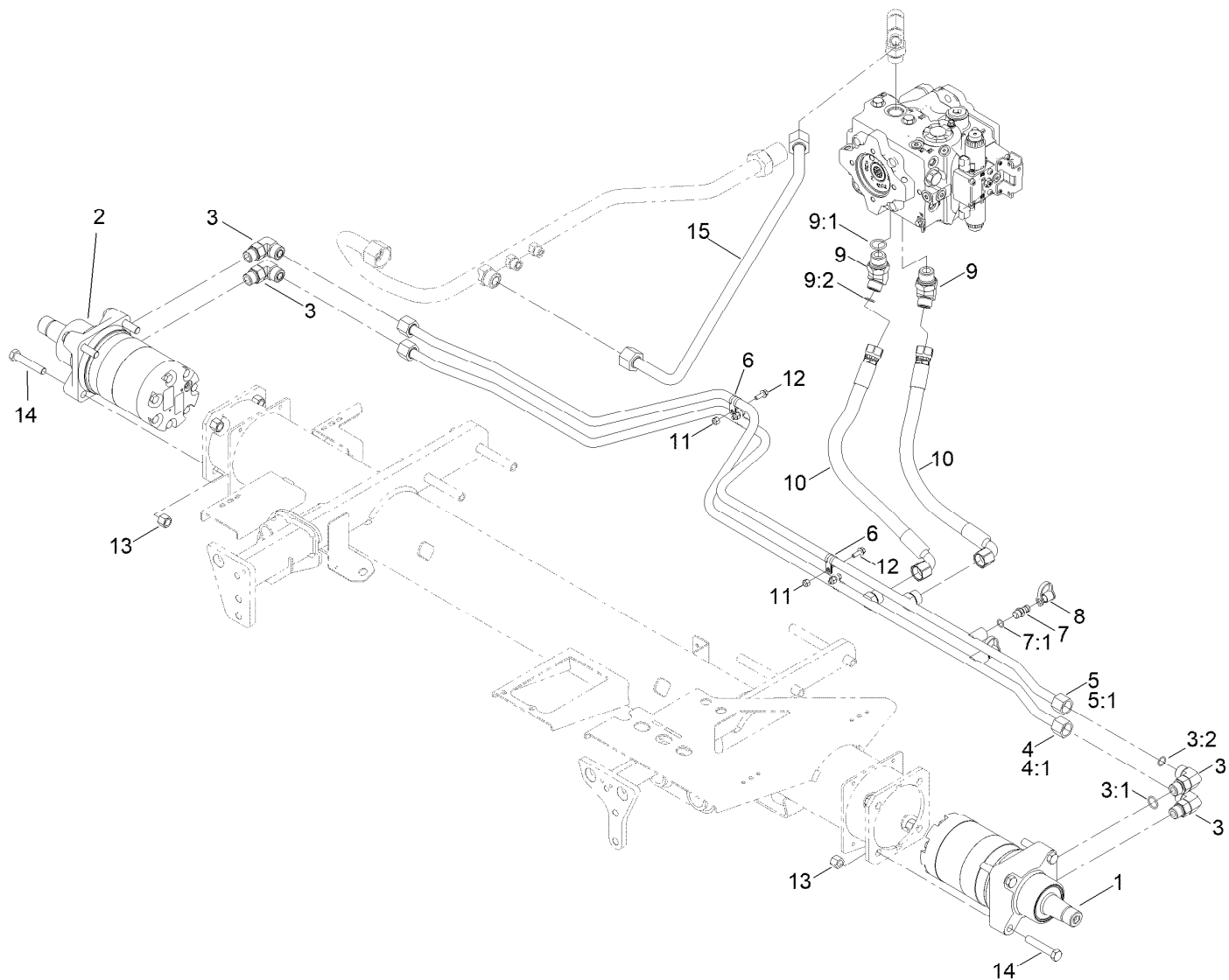


## Hydraulic Pump Assembly No. 144-2060 (continued)

| Ref. | Part Number | Qty. | Description                           | Ref.  | Part Number | Qty. | Description                |
|------|-------------|------|---------------------------------------|-------|-------------|------|----------------------------|
| 30   | 75-0170     | 4    | Plug-Thread, Straight                 | 35:6  | 132-6206    | 1    | O-Ring                     |
| 30:1 | 92-8777     | 1    | O-Ring                                | 35:7  | 127-6214    | 1    | Seal-Lip                   |
| 31   | 75-0510     | 1    | Pin                                   | 35:8  |             | 1    | Gasket ■                   |
| 33   | 161-7204    | 1    | Valve-Scr Assembly 260 Bar (3770 PSI) | 35:9  |             | 2    | O-Ring ■                   |
| 35   | 132-6205    | 1    | Overhaul Seal Kit                     | 35:10 |             | 2    | Piston Ring ■              |
| 35:1 | 75-0240     | 2    | O-Ring                                | 35:11 |             | 2    | O-Ring ■                   |
| 35:2 | 84-0560     | 2    | O-Ring                                | 36    | 136-3215    | 2    | Pin                        |
| 35:3 | 125-5288    | 2    | O-Ring                                | 37    | 136-3216    | 1    | Screw, M6 X 35             |
| 35:4 | 125-5283    | 1    | Gasket-Control                        | 38    | 136-3217    | 1    | Link - Swashplate Feedback |
| 35:5 | 125-5298    | 1    | O-Ring                                | 39    | 136-3218    | 1    | Sensor Kit ●               |

● Not illustrated

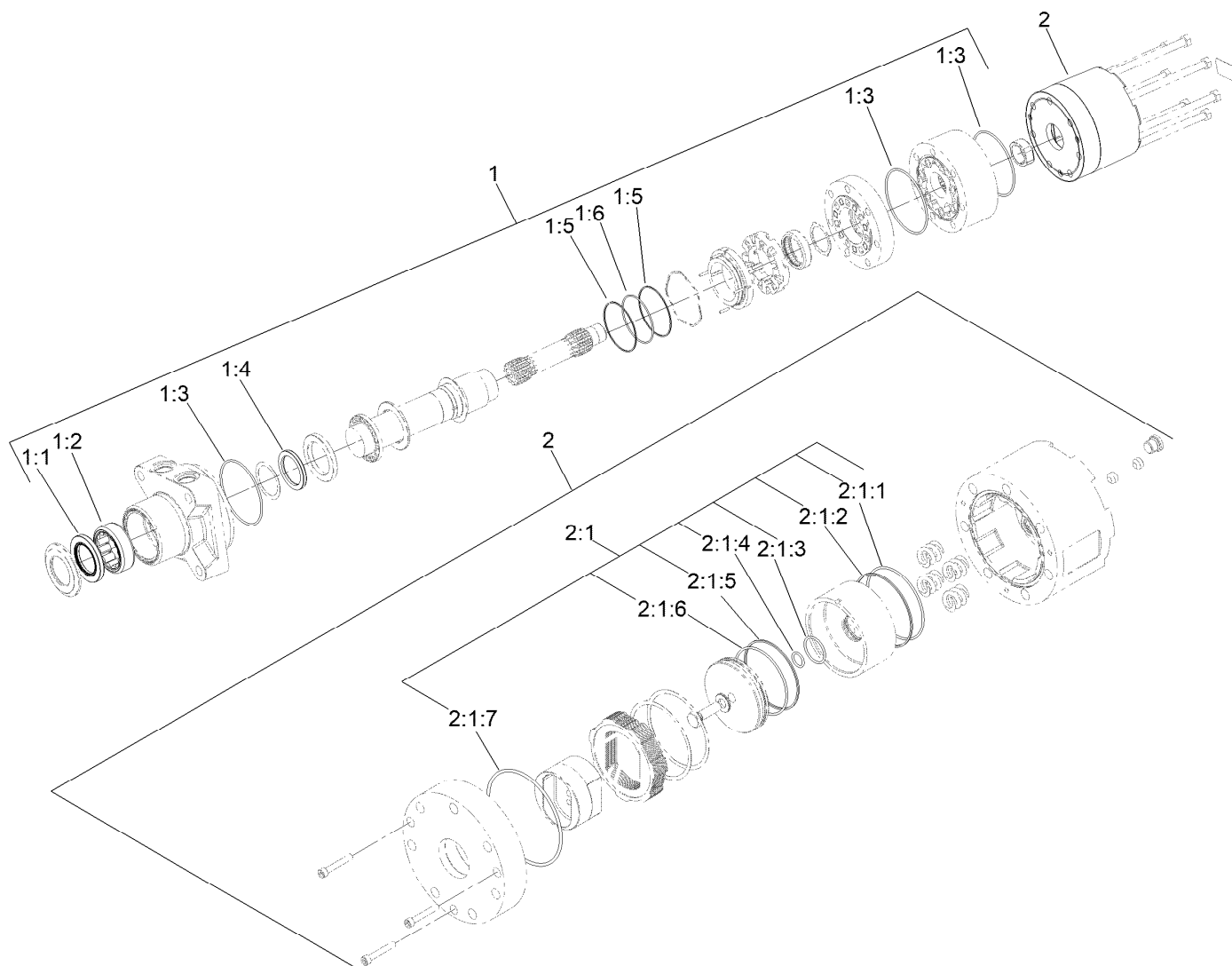
■ Not serviced separately



## Traction Hydraulic Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 163-3542    | 1    | Hydraulic Motor ASM   |
| 2    | 163-3543    | 1    | Hydraulic Motor ASM   |
| 3    | 340-17      | 4    | Fitting-Elbow, 90 DEG |
| 3:1  | 237-65      | 1    | O-Ring                |
| 3:2  | 237-80      | 1    | O-Ring                |
| 4    | 108-7632    | 1    | Hydraulic Tube ASM    |
| 4:1  | 237-65      | 1    | O-Ring                |
| 5    | 108-7633    | 1    | Tube ASM              |
| 5:1  | 237-65      | 1    | O-Ring                |
| 6    | 2412-134    | 4    | Clamp-R               |
| 7    | 59-7410     | 2    | Fitting-Diagnostic    |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 7:1  | 237-42      | 1    | O-Ring             |
| 8    | 354-79      | 2    | Cap-Dust           |
| 9    | 340-156     | 2    | Fitting-Elbow 45   |
| 9:1  | 237-65      | 1    | O-Ring             |
| 9:2  | 237-81      | 1    | O-Ring             |
| 10   | 108-1679    | 2    | Hose-HYD           |
| 11   | 3296-42     | 4    | Nut-Lock, NI       |
| 12   | 3234-4      | 4    | Screw-HHF          |
| 13   | 3296-23     | 8    | Nut-Lock, NI       |
| 14   | 325-11      | 8    | Screw-HH           |
| 15   | 145-2560    | 1    | Hydraulic Tube ASM |

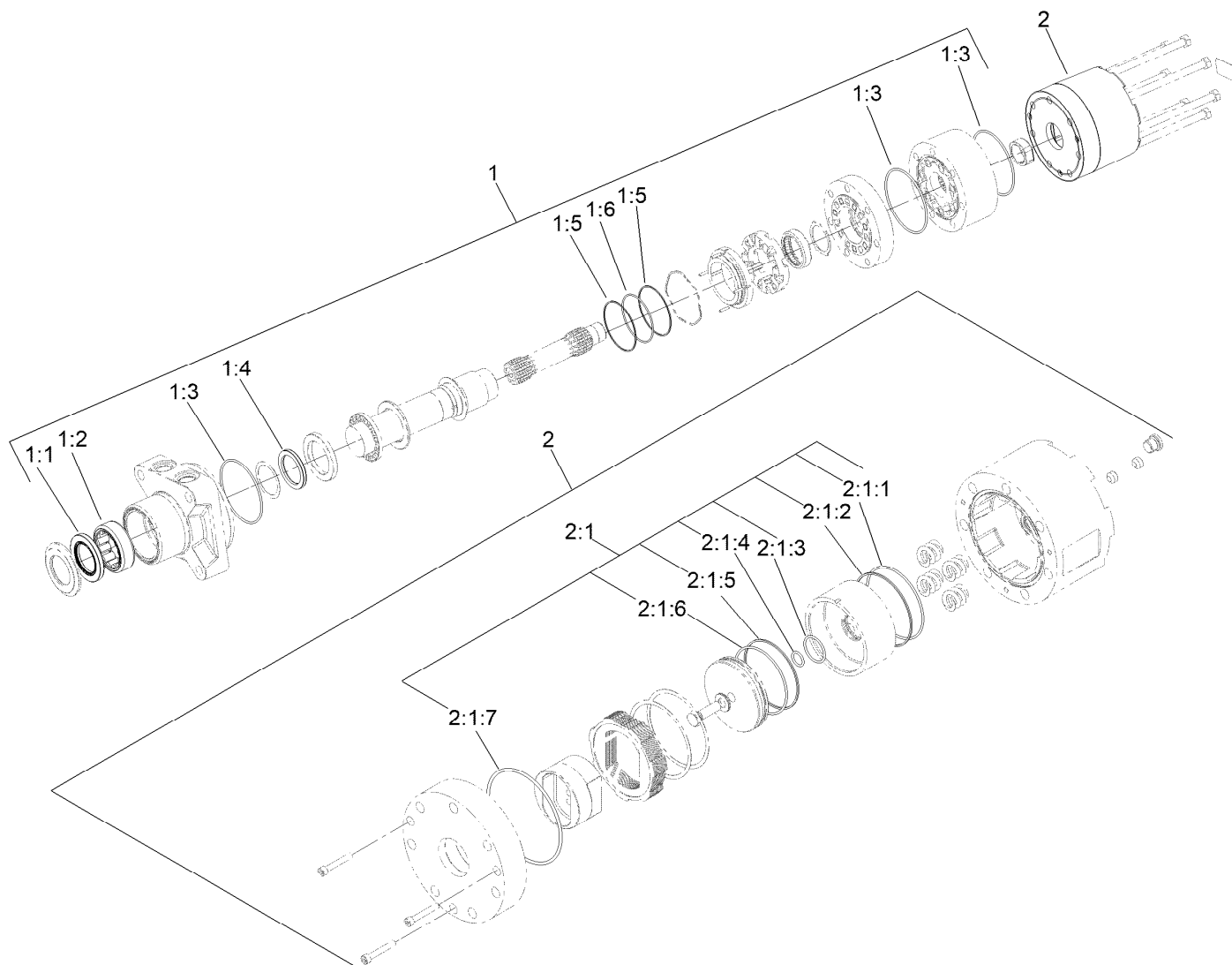


## Hydraulic Motor Assembly No. 163-3542

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 161-7208    | 1    | Seal Kit           |
| 1:1  | 161-7209    | 1    | Seal, Grease       |
| 1:2  | 161-7210    | 1    | Shell, Bearing     |
| 1:3  | 161-7211    | 3    | O-Ring             |
| 1:4  | 161-7212    | 1    | Shaft Seal (HP)    |
| 1:5  | 161-7213    | 2    | Back-Up Ring       |
| 1:6  | 161-7214    | 1    | O-Ring             |
| 2    | 163-2617    | 1    | Brake Housing ASM  |
| 2:1  | 163-2627    | 1    | Seal Kit-Brake ASM |

| Ref.  | Part Number | Qty. | Description |
|-------|-------------|------|-------------|
| 2:1:1 | 161-8367    | 1    | O-Ring      |
| 2:1:2 | 161-8368    | 1    | Backup Ring |
| 2:1:3 | 161-8369    | 1    | O-Ring      |
| 2:1:4 | 161-8370    | 1    | O-Ring      |
| 2:1:5 | 161-8371    | 1    | Backup Ring |
| 2:1:6 | 161-8372    | 1    | O-Ring      |
| 2:1:7 | 161-7211    | 1    | O-Ring      |
| 2:1:8 | 161-8373    | 1    | O-Ring ●    |

● Not illustrated

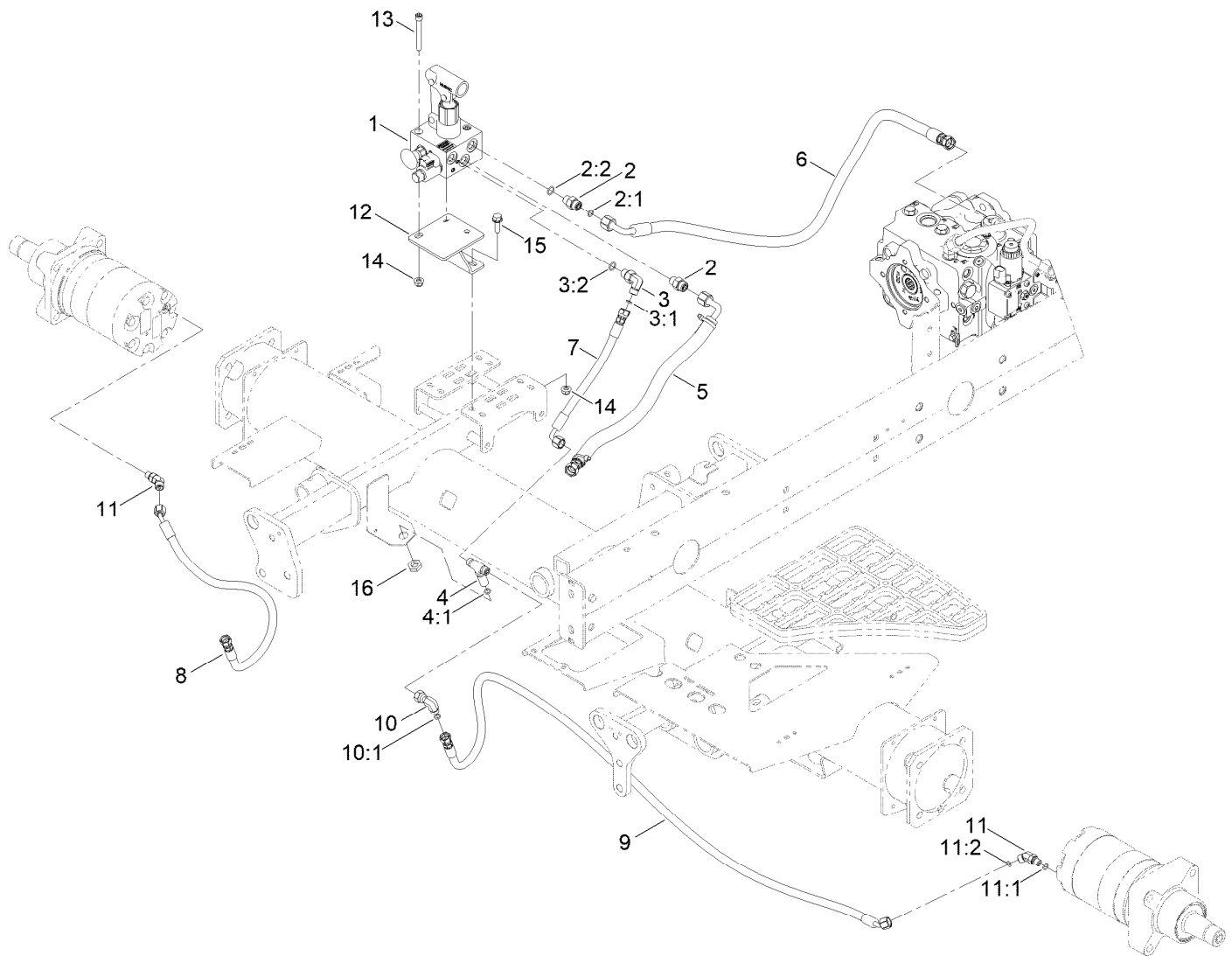


## Hydraulic Motor Assembly No. 163-3543

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 161-7208    | 1    | Seal Kit           |
| 1:1  | 161-7209    | 1    | Seal, Grease       |
| 1:2  | 161-7210    | 1    | Shell, Bearing     |
| 1:3  | 161-7211    | 3    | O-Ring             |
| 1:4  | 161-7212    | 1    | Shaft Seal (HP)    |
| 1:5  | 161-7213    | 2    | Back-Up Ring       |
| 1:6  | 161-7214    | 1    | O-Ring             |
| 2    | 163-2617    | 1    | Brake Housing ASM  |
| 2:1  | 163-2627    | 1    | Seal Kit-Brake ASM |

| Ref.  | Part Number | Qty. | Description |
|-------|-------------|------|-------------|
| 2:1:1 | 161-8367    | 1    | O-Ring      |
| 2:1:2 | 161-8368    | 1    | Backup Ring |
| 2:1:3 | 161-8369    | 1    | O-Ring      |
| 2:1:4 | 161-8370    | 1    | O-Ring      |
| 2:1:5 | 161-8371    | 1    | Backup Ring |
| 2:1:6 | 161-8372    | 1    | O-Ring      |
| 2:1:7 | 161-7211    | 1    | O-Ring      |
| 2:1:8 | 161-8373    | 1    | O-Ring ●    |

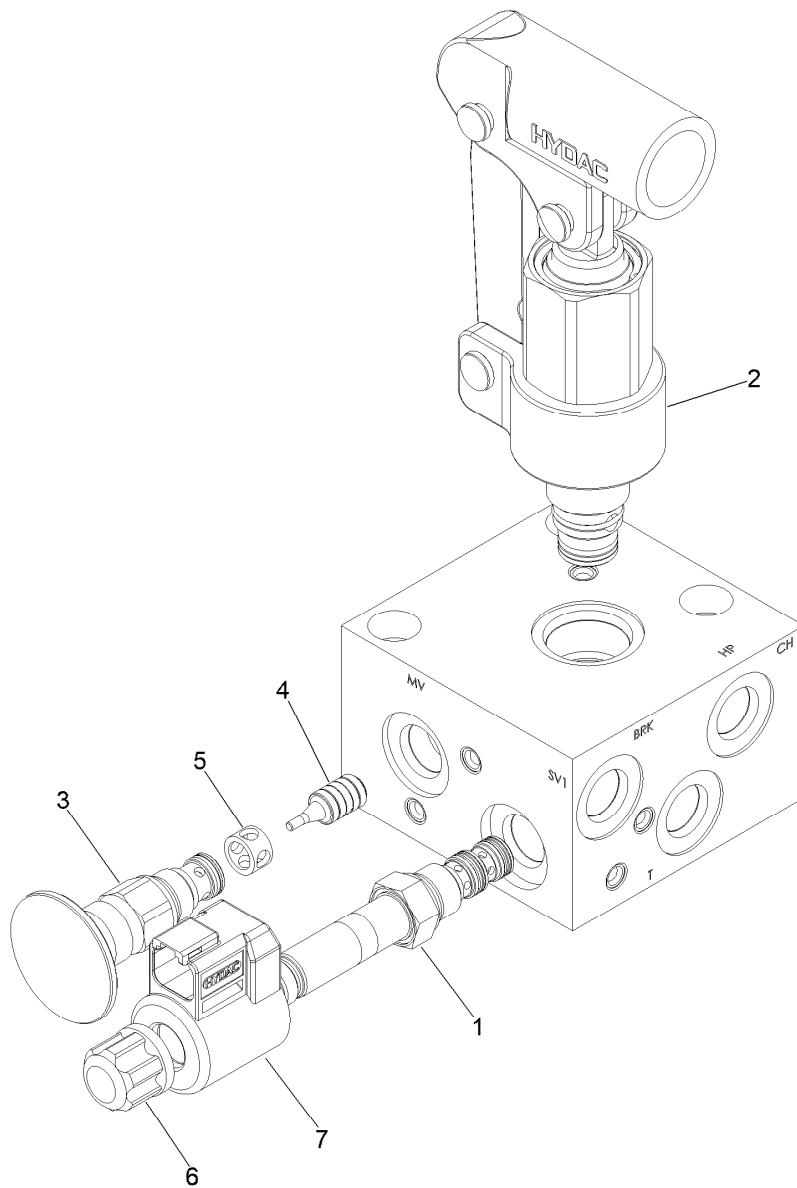
● Not illustrated



## Hydraulic Brake Assembly

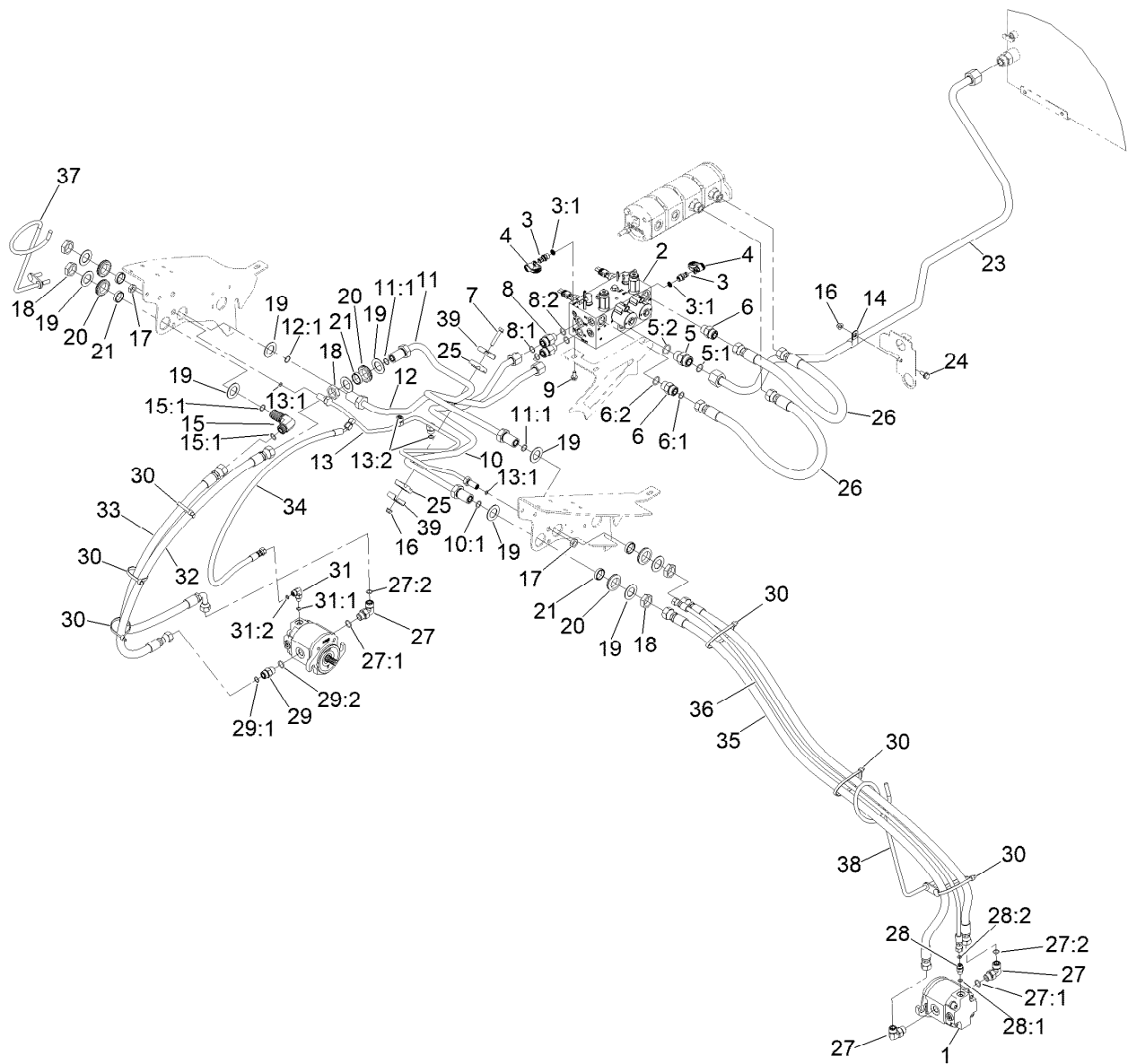
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 139-6046    | 1    | Manifold-Brake Release |
| 2    | 340-2       | 2    | Fitting-Straight       |
| 2:1  | 237-22      | 1    | O-Ring                 |
| 2:2  | 237-42      | 1    | O-Ring                 |
| 3    | 340-82      | 1    | Fitting-Elbow, 90 DEG  |
| 3:1  | 237-42      | 1    | O-Ring                 |
| 3:2  | 237-21      | 1    | O-Ring                 |
| 4    | 140-7452    | 1    | Fitting-Tee, Bulkhead  |
| 4:1  | 237-21      | 3    | O-Ring                 |
| 5    | 163-3508    | 1    | Hose ASM-HYD           |
| 6    | 145-2455    | 1    | Hose ASM-Hydraulic     |
| 7    | 121-4455    | 1    | Hose-HYD               |
| 8    | 145-2599    | 1    | Hose ASM-HYD HP        |

| Ref. | Part Number | Qty. | Description                      |
|------|-------------|------|----------------------------------|
| 9    | 115-2029    | 1    | HYD Hose ASM                     |
| 10   | 92-2745     | 1    | Elbow-90                         |
| 10:1 | 237-21      | 1    | O-Ring                           |
| 11   | 340-103     | 2    | Fitting-HYD, 45 DEG              |
| 11:1 | 237-78      | 1    | O-Ring                           |
| 11:2 | 237-21      | 1    | O-Ring                           |
| 12   | 145-2459-03 | 1    | Mount - Brake Release<br>[black] |
| 13   | 3274-40     | 3    | Screw-HSH                        |
| 14   | 104-8300    | 5    | Nut-HF, NI                       |
| 15   | 3234-29     | 2    | Screw-HHF                        |
| 16   | 340-78      | 1    | Nut-Lock                         |



## Brake Release Manifold Assembly No. 139-6046

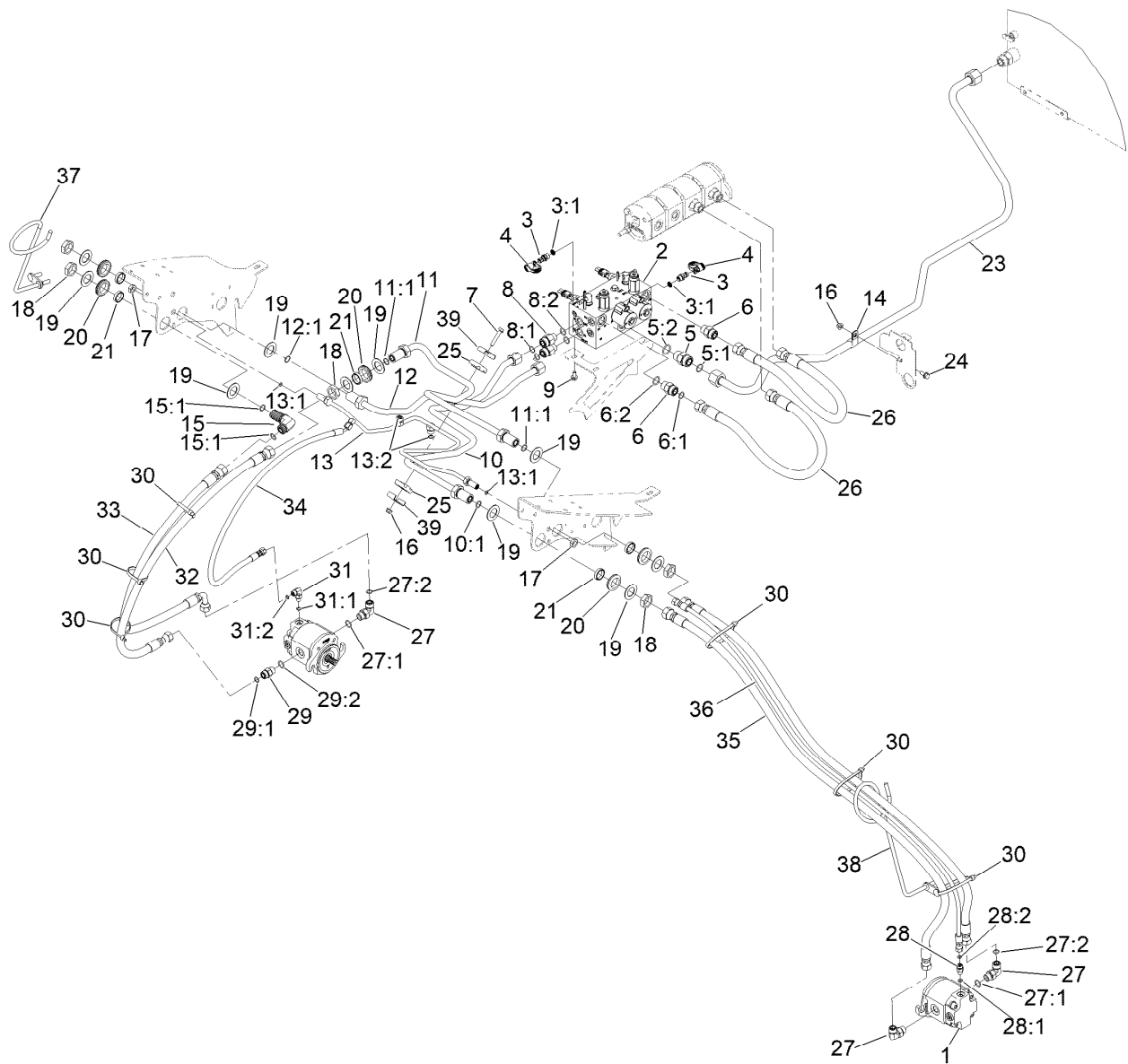
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 145-2563    | 1    | Directional Valve, 3W/2P   |
| 2    | 145-2564    | 1    | Hand Pump                  |
| 3    | 145-2565    | 1    | Manual Valve, N.O.         |
| 4    | 145-2566    | 1    | Pilot Piston Assy, Rvs06   |
| 5    | 145-2567    | 1    | Spacer                     |
| 6    | 145-2569    | 1    | Coil Nut, Tall (06 Valves) |
| S1   | 145-2568    | 1    | Coil 12Dn01-32-1329        |



## No. 1, 4 and 5 Reel Drive Hydraulic Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 120-2072    | 3    | HYD Motor ASM          |
| 2    | 121-5628    | 1    | Hydraulic Manifold ASM |
| 3    | 59-7410     | 2    | Fitting-Diagnostic     |
| 3:1  | 237-42      | 1    | O-Ring                 |
| 4    | 354-79      | 2    | Cap-Dust               |
| 5    | 340-9       | 1    | Fitting-STR            |
| 5:1  | 237-58      | 1    | O-Ring                 |
| 5:2  | 237-81      | 1    | O-Ring                 |
| 6    | 340-7       | 2    | Fitting-Straight       |
| 6:1  | 237-65      | 1    | O-Ring                 |
| 6:2  | 237-80      | 1    | O-Ring                 |
| 7    | 94-5780     | 1    | Screw-HWH              |
| 8    | 340-155     | 2    | Fitting-Straight       |
| 8:1  | 237-79      | 1    | O-Ring                 |
| 8:2  | 237-151     | 1    | O-Ring                 |
| 9    | 3234-14     | 3    | Screw-HHF              |
| 10   | 145-2530    | 1    | Hydraulic Tube ASM     |
| 10:1 | 237-65      | 1    | O-Ring                 |
| 11   | 117-0137    | 1    | Tube ASM               |
| 11:1 | 237-65      | 2    | O-Ring                 |
| 12   | 145-2529    | 1    | Hydraulic Tube ASM     |

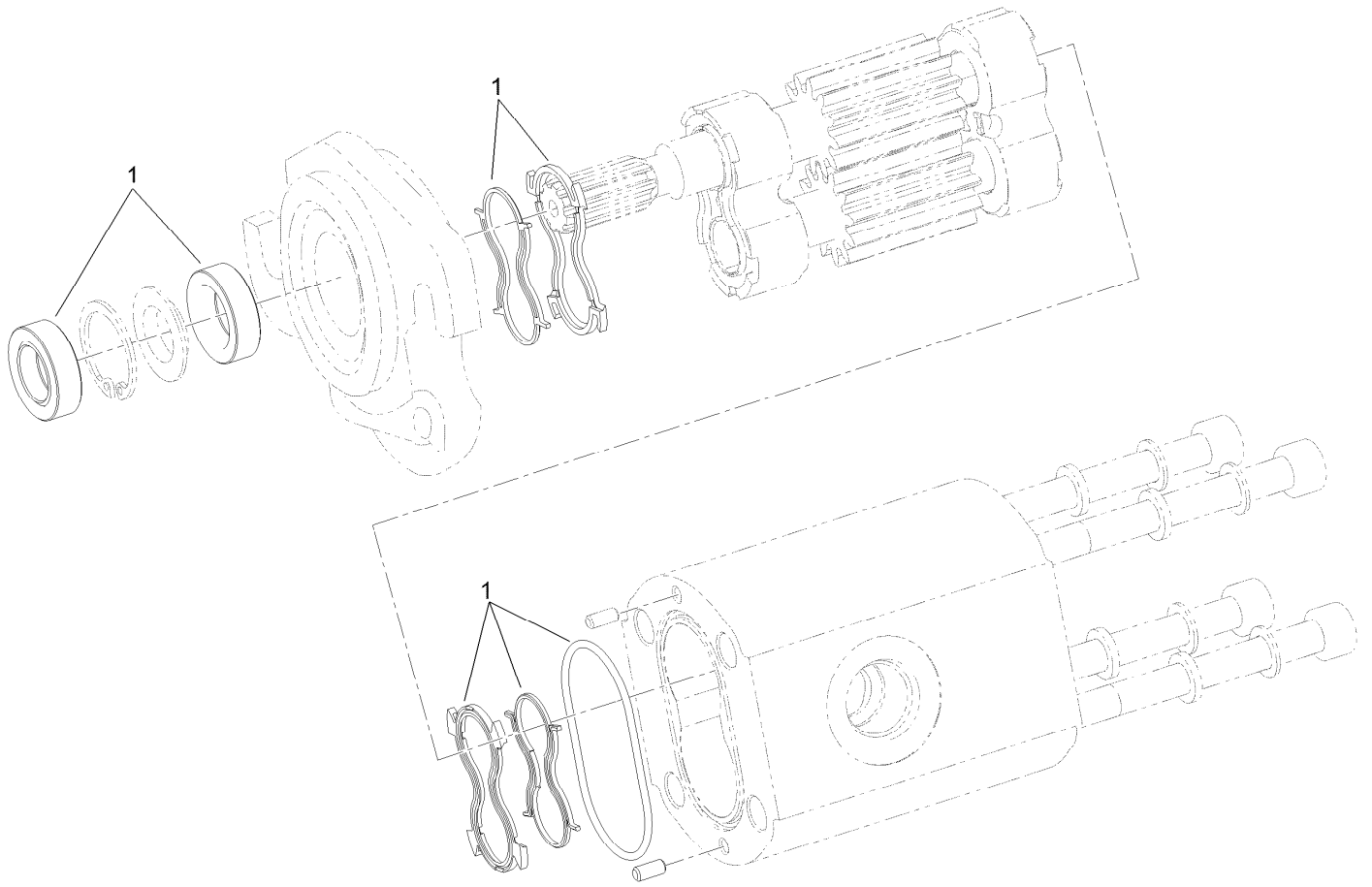
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 12:1 | 237-65      | 1    | O-Ring                   |
| 13   | 163-3513    | 1    | Hydraulic Tube ASM       |
| 13:1 | 237-22      | 2    | O-Ring                   |
| 13:2 | 237-21      | 3    | O-Ring                   |
| 14   | 2412-4      | 1    | Clamp-R                  |
| 15   | 340-72      | 1    | Fitting-Bulkhead, 90 DEG |
| 15:1 | 237-65      | 2    | O-Ring                   |
| 16   | 104-8300    | 2    | Nut-HF, NI               |
| 17   | 340-78      | 2    | Nut-Lock                 |
| 18   | 340-74      | 5    | Nut-Lock, Bulkhead       |
| 19   | 69-9010     | 10   | Washer                   |
| 20   | 240-3       | 5    | Grommet-Rubber           |
| 21   | 125-1984    | 5    | Spacer                   |
| 23   | 120-3769    | 1    | Hydraulic Tube ASM       |
| 24   | 3234-5      | 1    | Screw-HHF                |
| 25   | 56-7970     | 2    | Clamp-Tube               |
| 26   | 108-1686    | 2    | Hose-HYD                 |
| 27   | 340-98      | 5    | Fitting-Elbow, 90 DEG    |
| 27:1 | 237-79      | 1    | O-Ring                   |
| 27:2 | 237-30      | 1    | O-Ring                   |
| 28   | 340-92      | 2    | Fitting-Straight         |



## No. 1, 4 and 5 Reel Drive Hydraulic Assembly (continued)

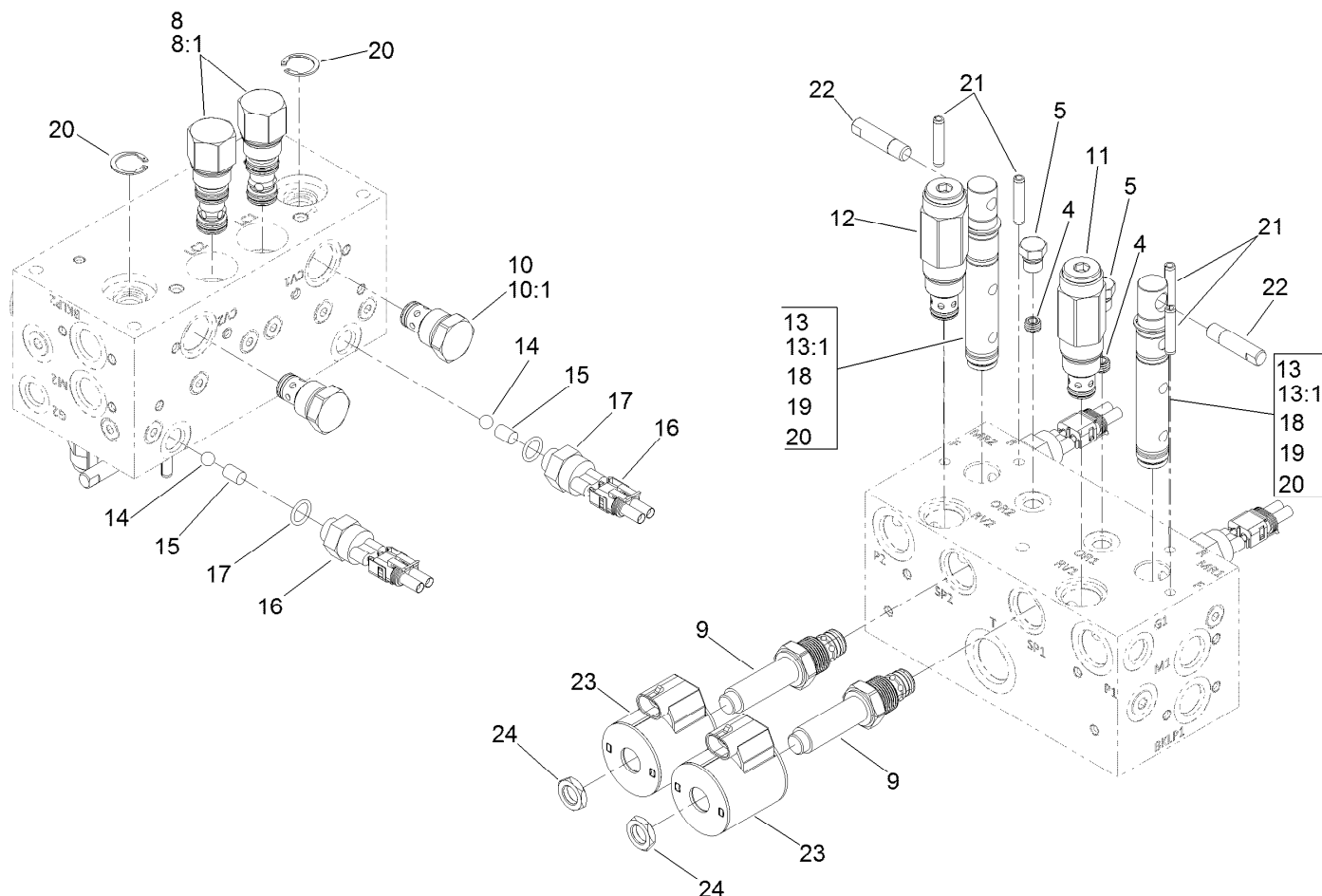
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 28:1 | 237-78      | 1    | O-Ring                |
| 28:2 | 237-21      | 1    | O-Ring                |
| 29   | 340-4       | 1    | Fitting-Straight      |
| 29:1 | 237-30      | 1    | O-Ring                |
| 29:2 | 237-79      | 1    | O-Ring                |
| 30   | 3334-945    | 9    | Tie-Cable             |
| 31   | 340-132     | 1    | Fitting-Elbow, 90 DEG |
| 31:1 | 237-78      | 1    | O-Ring                |
| 31:2 | 237-21      | 1    | O-Ring                |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 32   | 114-0633    | 1    | Hose-HYD          |
| 33   | 117-5190    | 1    | Hose-HYD          |
| 34   | 140-7456    | 1    | Hose ASM          |
| 35   | 117-5188    | 4    | Hose-HYD          |
| 36   | 106-3680    | 2    | Hose-HYD          |
| 37   | 139-5995    | 1    | Guide-Hose, RH    |
| 38   | 139-5996    | 1    | Hose Guide ASM-LH |
| 39   | 119-1419    | 2    | Plate-Clamp       |



## Hydraulic Reel Motor Assembly No. 120-2072

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

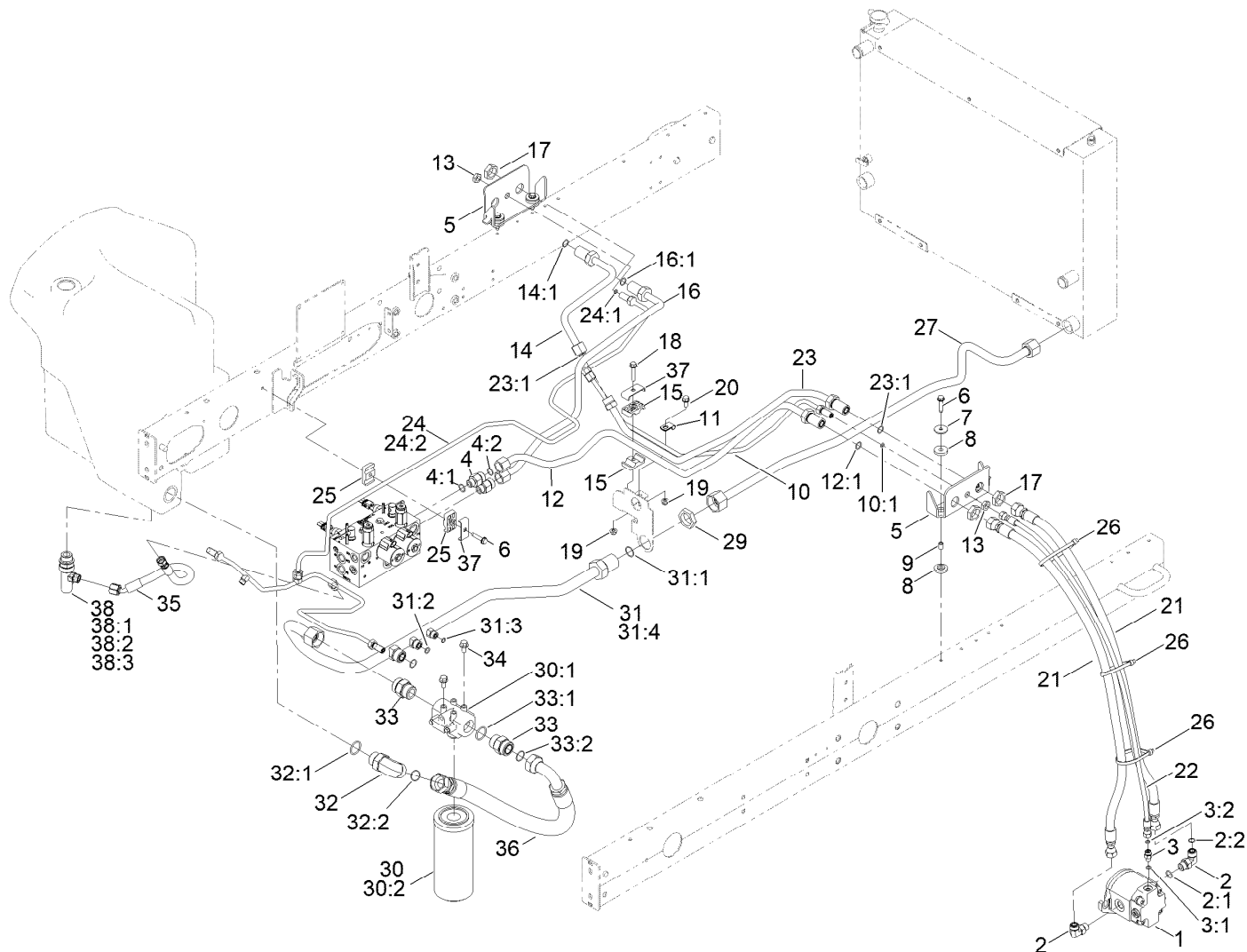


## Manifold Assembly No. 121-5628

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 4    | 110-8883    | 1    | Plug-Orifice (0.040)   |
| 5    | 117-0115    | 1    | Plug                   |
| 8    | 120-1693    | 2    | Compensator-Pressure   |
| 8:1  | 119-2159    | 1    | Seal Kit               |
| 9    | 138-6961    | 2    | Valve-Proportional, NC |
| 10   | 110-8881    | 2    | Valve-Check            |
| 10:1 | 105-9159    | 1    | Seal Kit ●             |
| 11   | 138-6962    | 1    | Valve-Relief, 2500 PSI |
| 12   | 138-6963    | 1    | Valve-Relief, 3500 PSI |
| 13   | 117-0108    | 2    | Spool-Rotary           |
| 13:1 | 117-0109    | 1    | Seal Kit               |

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 14   | 117-4605    | 2    | Ball-SS        |
| 15   | 120-1650    | 2    | Pin            |
| 16   | 72-4310     | 2    | Switch-Ball    |
| 17   | 110-8757    | 2    | O-Ring         |
| 18   | 117-4606    | 6    | O-Ring         |
| 19   | 112-6534    | 4    | Ring-Back Up   |
| 20   | 112-6532    | 4    | Ring-Retaining |
| 21   | 112-6531    | 4    | Pin-Spring     |
| 22   | 110-8758    | 2    | Handle-Spool   |
| 23   | 110-6344    | 2    | Coil-12V, DC   |
| 24   | 110-2634    | 2    | Nut-Coil       |

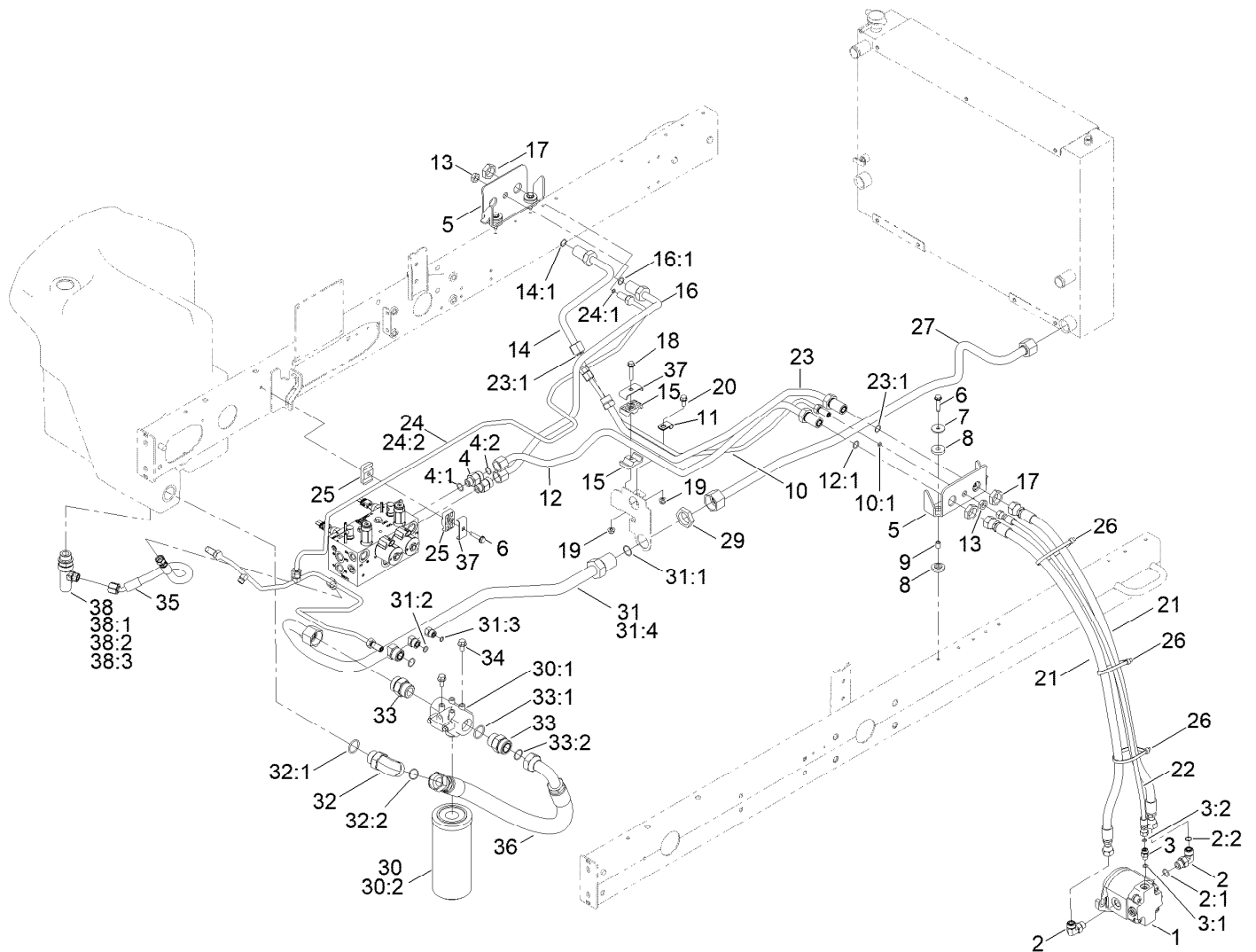
● Not illustrated



## No. 2 and 3 Reel Drive Hydraulic Assembly

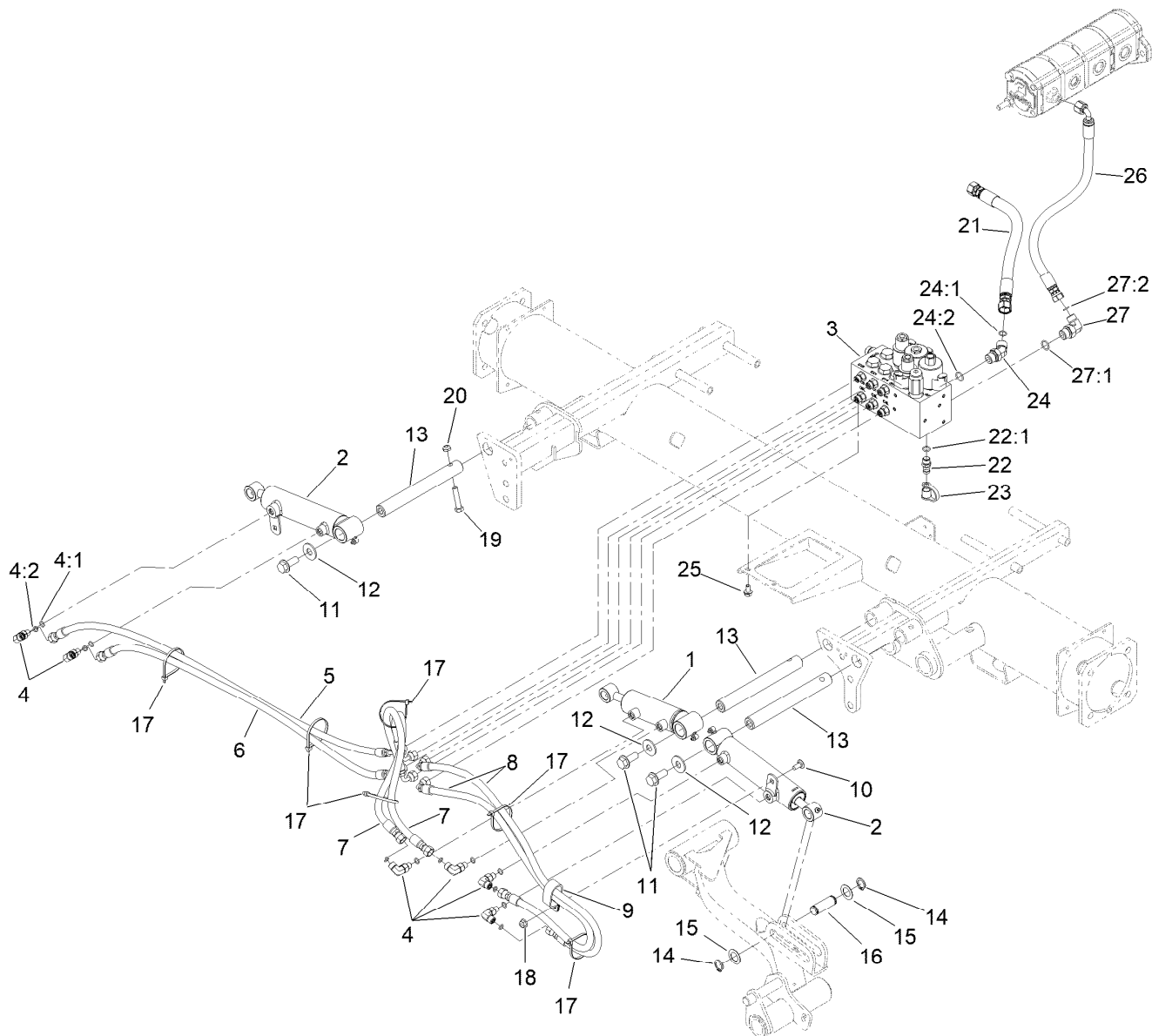
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 120-2072    | 2    | HYD Motor ASM         |
| 2    | 340-98      | 4    | Fitting-Elbow, 90 DEG |
| 2:1  | 237-79      | 1    | O-Ring                |
| 2:2  | 237-30      | 1    | O-Ring                |
| 3    | 340-92      | 2    | Fitting-Straight      |
| 3:1  | 237-78      | 1    | O-Ring                |
| 3:2  | 237-21      | 1    | O-Ring                |
| 4    | 340-155     | 2    | Fitting-Straight      |
| 4:1  | 237-79      | 1    | O-Ring                |
| 4:2  | 237-151     | 1    | O-Ring                |
| 5    | 117-0174-03 | 2    | Bracket-Bulkhead      |
| 6    | 32144-57    | 5    | Screw-Thd Roll        |
| 7    | 105-3048    | 4    | Washer-Flat           |
| 8    | 240-11      | 8    | Bushing-Flange        |
| 9    | 99-8611     | 4    | Spacer                |
| 10   | 120-3772    | 1    | HYD Tube ASM          |
| 10:1 | 237-21      | 1    | O-Ring                |
| 11   | 2412-113    | 1    | Clamp-R               |
| 12   | 145-2534    | 1    | Hydraulic Tube ASM    |
| 12:1 | 237-65      | 1    | O-Ring                |
| 13   | 340-78      | 2    | Nut-Lock              |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 14   | 117-0140    | 1    | Tube ASM           |
| 14:1 | 237-65      | 1    | O-Ring             |
| 15   | 56-7971     | 2    | Clamp-Tube         |
| 16   | 145-2527    | 1    | Hydraulic Tube ASM |
| 16:1 | 237-65      | 1    | O-Ring             |
| 17   | 340-74      | 4    | Nut-Lock, Bulkhead |
| 18   | 94-5780     | 1    | Screw-HWH          |
| 19   | 104-8300    | 2    | Nut-HF, NI         |
| 20   | 3234-5      | 1    | Screw-HHF          |
| 21   | 114-0633    | 4    | Hose-HYD           |
| 22   | 98-4590     | 2    | Hose-HYD           |
| 23   | 120-3775    | 1    | HYD Tube ASM       |
| 23:1 | 237-65      | 2    | O-Ring             |
| 24   | 145-2533    | 1    | Hydraulic Tube ASM |
| 24:1 | 237-21      | 1    | O-Ring             |
| 24:2 | 237-22      | 1    | O-Ring             |
| 25   | 56-7972     | 2    | Clamp-Tube         |
| 26   | 3334-945    | 6    | Tie-Cable          |
| 27   | 121-5600    | 1    | HYD Tube ASM       |
| 29   | 340-128     | 1    | Nut-Bulkhead       |
| 30   | 98-3923     | 1    | Oil Filter ASM     |



## No. 2 and 3 Reel Drive Hydraulic Assembly (continued)

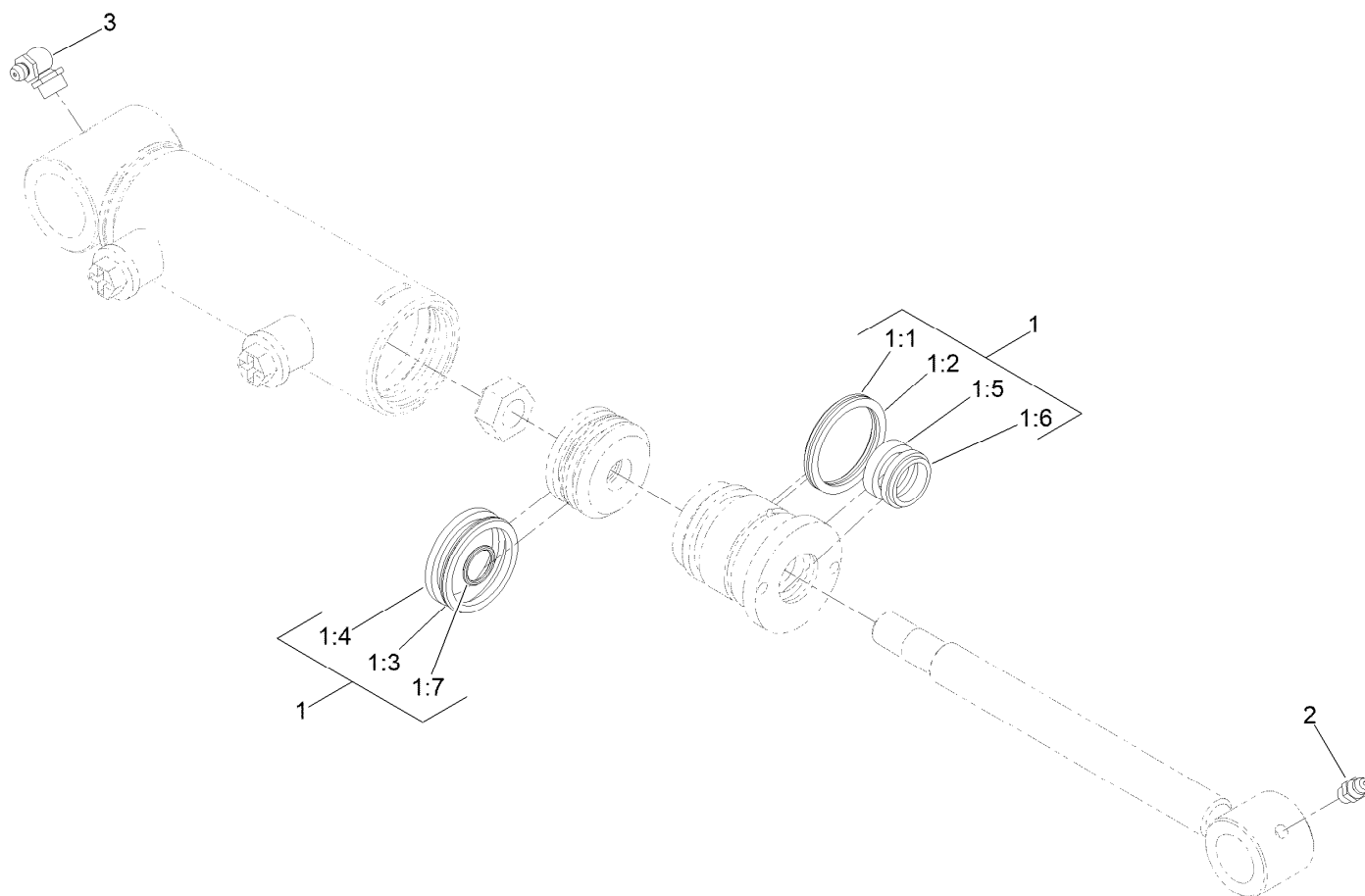
| Ref. | Part Number | Qty. | Description           | Ref. | Part Number | Qty. | Description      |
|------|-------------|------|-----------------------|------|-------------|------|------------------|
| 30:1 | 104-0080    | 1    | Filter Head ASM       | 33:1 | 237-146     | 1    | O-Ring           |
| 30:2 | 94-2621     | 1    | Element-Filter        | 33:2 | 340-65      | 1    | O-Ring           |
| 31   | 144-2055    | 1    | Tube ASM-Hydraulic    | 34   | 3234-1      | 2    | Screw-HHF        |
| 31:1 | 340-65      | 1    | O-Ring                | 35   | 163-3514    | 1    | Hose ASM-HYD     |
| 31:2 | 237-30      | 1    | O-Ring                | 36   | 108-1689    | 1    | Hose-HYD         |
| 31:3 | 237-22      | 1    | O-Ring                | 37   | 119-1419    | 2    | Plate-Clamp      |
| 31:4 | 237-58      | 1    | O-Ring                | 38   | 144-2080    | 1    | Fitting-Manifold |
| 32   | 340-129     | 1    | Fitting-Elbow, 90 DEG | 38:1 | 237-81      | 1    | O-Ring           |
| 32:1 | 237-146     | 1    | O-Ring                | 38:2 | 237-30      | 1    | O-Ring           |
| 32:2 | 340-65      | 1    | O-Ring                | 38:3 | 237-22      | 1    | O-Ring           |
| 33   | 104-3797    | 2    | Fitting-Straight      |      |             |      |                  |



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

| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 1    | 163-2624    | 1    | Cylinder-Hydraulic             |
| 2    | 163-3534    | 2    | Cylinder-Hydraulic             |
| 3    | 105-7577    | 1    | HYD Lift Block Manifold<br>ASM |
| 4    | 340-132     | 6    | Fitting-Elbow, 90 DEG          |
| 4:1  | 237-78      | 1    | O-Ring                         |
| 4:2  | 237-21      | 1    | O-Ring                         |
| 5    | 106-3692    | 1    | Hose-HYD                       |
| 6    | 106-3693    | 1    | Hose-HYD                       |
| 7    | 93-6887     | 2    | Hose-HYD                       |
| 8    | 85-4940     | 2    | Hose-HYD                       |
| 9    | 2412-137    | 1    | Clamp-R, Double                |
| 10   | 3230-23     | 1    | Bolt-CARR                      |
| 11   | 3234-38     | 3    | Screw-HHF                      |
| 12   | 3256-6      | 3    | Washer-Flat                    |
| 13   | 117-0148    | 3    | Pin-Cylinder                   |
| 14   | 32120-93    | 6    | Ring-Retaining                 |
| 15   | 3-6498      | 6    | Washer-Thrust                  |

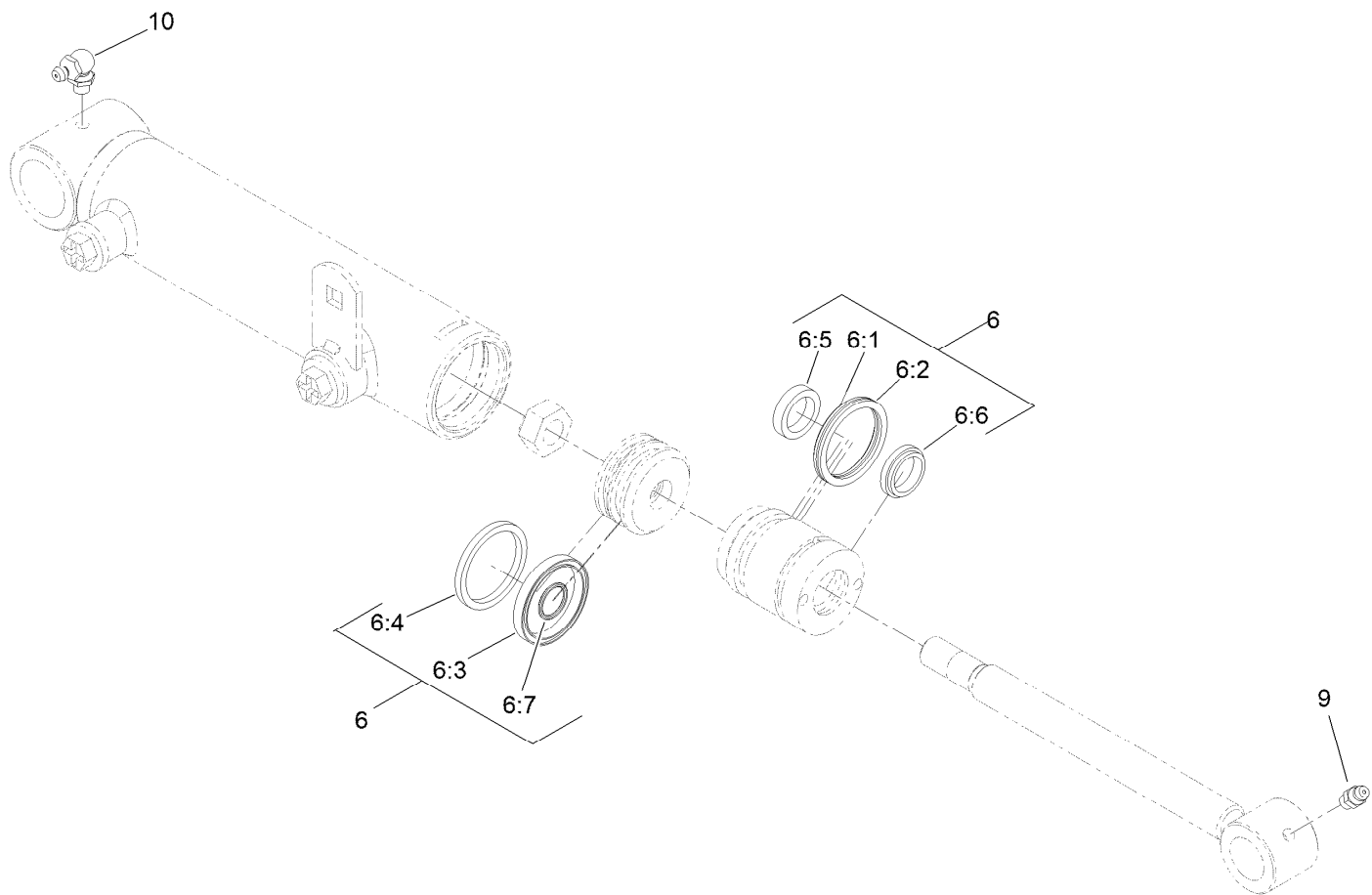
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 16   | 104-0046    | 3    | Pin-Slide, Cylinder |
| 17   | 3290-379    | 6    | Tie-Cable           |
| 18   | 104-8300    | 1    | Nut-HF, NI          |
| 19   | 323-9       | 3    | Screw-HH            |
| 20   | 3296-59     | 3    | Nut-Lock, NI        |
| 21   | 117-0729    | 1    | Hose ASM            |
| 22   | 59-7410     | 1    | Fitting-Diagnostic  |
| 22:1 | 237-42      | 1    | O-Ring              |
| 23   | 354-79      | 1    | Cap-Dust            |
| 24   | 340-101     | 1    | Fitting-HYD, 45 DEG |
| 24:1 | 237-30      | 1    | O-Ring              |
| 24:2 | 237-79      | 1    | O-Ring              |
| 25   | 3234-14     | 2    | Screw-HHF           |
| 26   | 145-2585    | 1    | Hose ASM-HYD        |
| 27   | 340-18      | 1    | Fitting-HYD, 90 DEG |
| 27:1 | 237-79      | 1    | O-Ring              |
| 27:2 | 237-22      | 1    | O-Ring              |



## Hydraulic Cylinder Assembly No. 163-2624

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 1    | 163-3529    | 1    | Seal Kit       |
| 1:1  |             | 1    | O-Ring ●       |
| 1:2  |             | 1    | Backup ●       |
| 1:3  |             | 1    | Pps Seal ●     |
| 1:4  |             | 1    | Wear Ring-Ht ● |
| 1:5  |             | 1    | Bt Seal ●      |
| 1:6  |             | 1    | Dust Seal-Dt ● |
| 1:7  |             | 1    | O-Ring ●       |
| 2    | 302-5       | 1    | Fitting-Grease |
| 3    | 302-33      | 1    | Fitting-Grease |

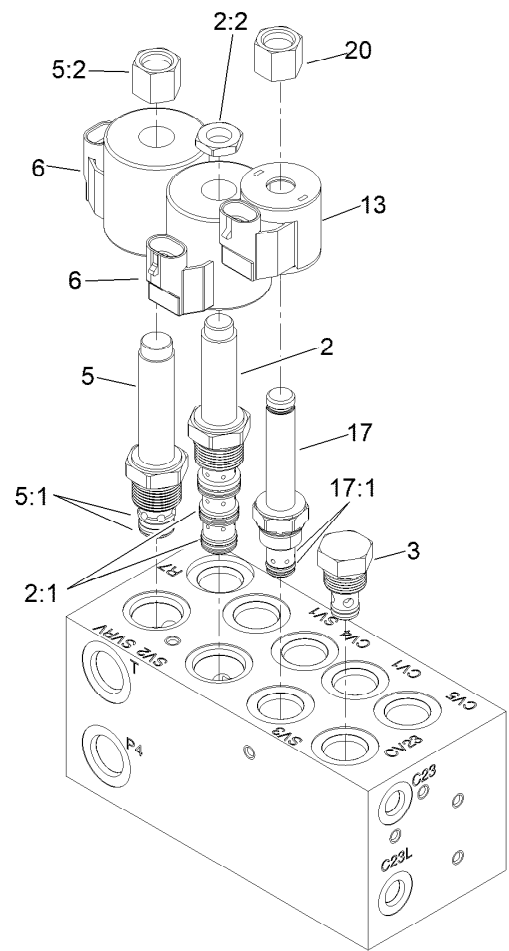
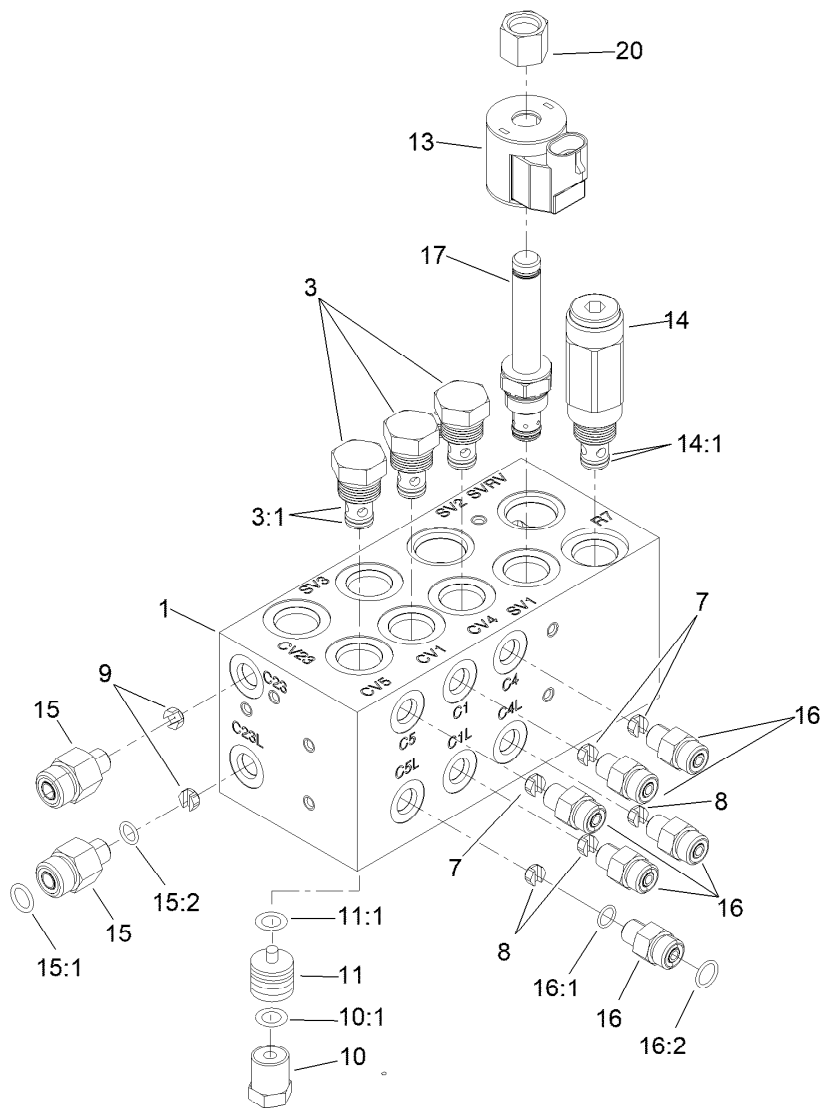
● Not serviced separately



## Hydraulic Cylinder Assembly No. 163-3534

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

● Not serviced separately

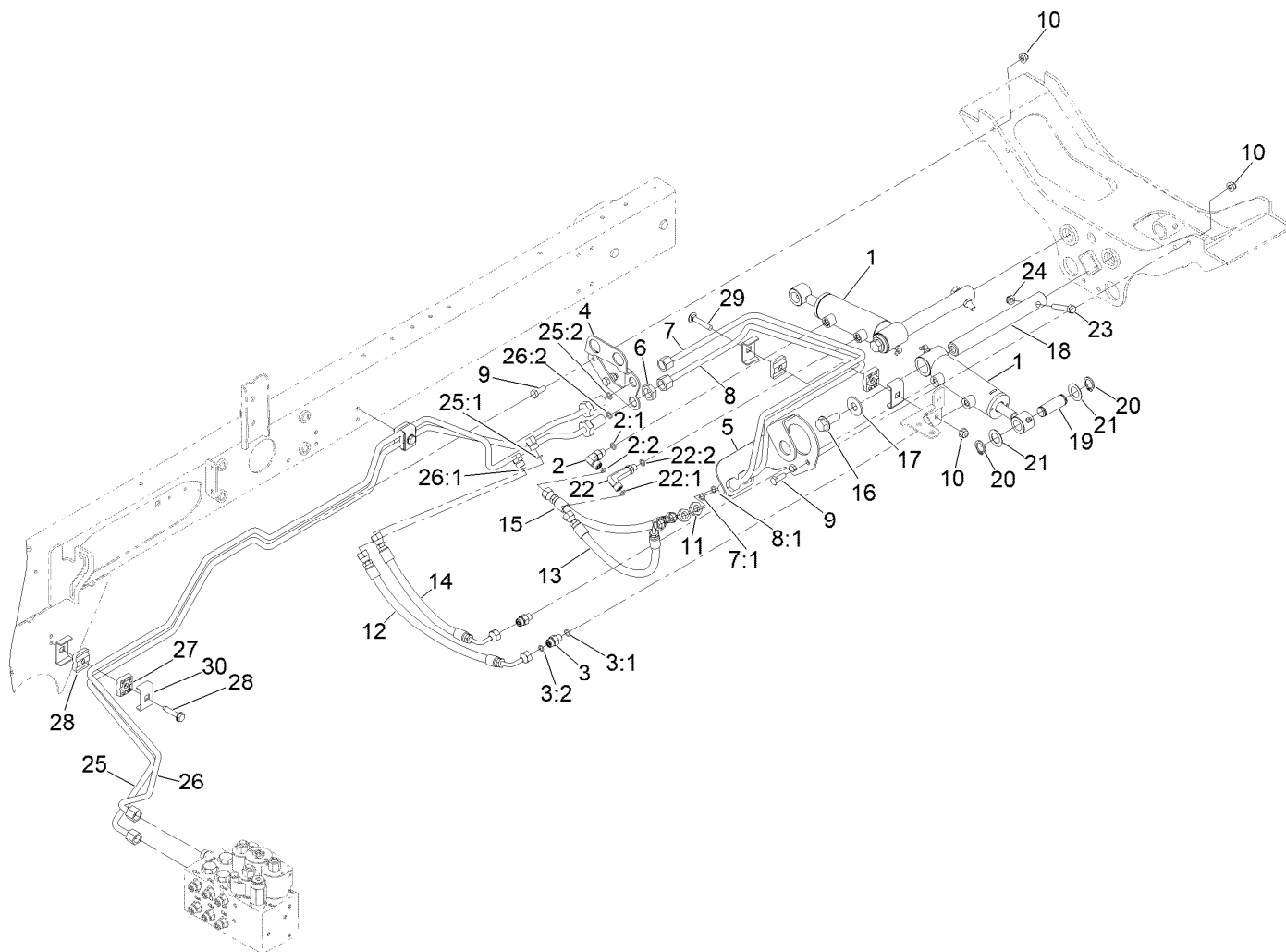


## Hydraulic Manifold Block Assembly No. 105-7577

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

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 11   | 110-8901    | 4    | Piston-Pilot     |
| 11:1 | 110-8900    | 1    | O-Ring           |
| 13   | 110-0497    | 2    | Coil-Solenoid    |
| 14   | 110-8899    | 1    | Valve-Relief     |
| 14:1 | 105-9156    | 1    | Seal Kit         |
| 15   | 340-88      | 2    | Fitting-Straight |
| 15:1 | 237-22      | 1    | O-Ring           |
| 15:2 | 237-78      | 1    | O-Ring           |
| 16   | 340-92      | 6    | Fitting-Straight |
| 16:1 | 237-78      | 1    | O-Ring           |
| 16:2 | 237-21      | 1    | O-Ring           |
| 17   | 147-3090    | 2    | Valve-Solenoid   |
| 17:1 | 107-7527    | 1    | Seal Kit         |
| 20   | 107-7812    | 2    | Nut-Solenoid     |

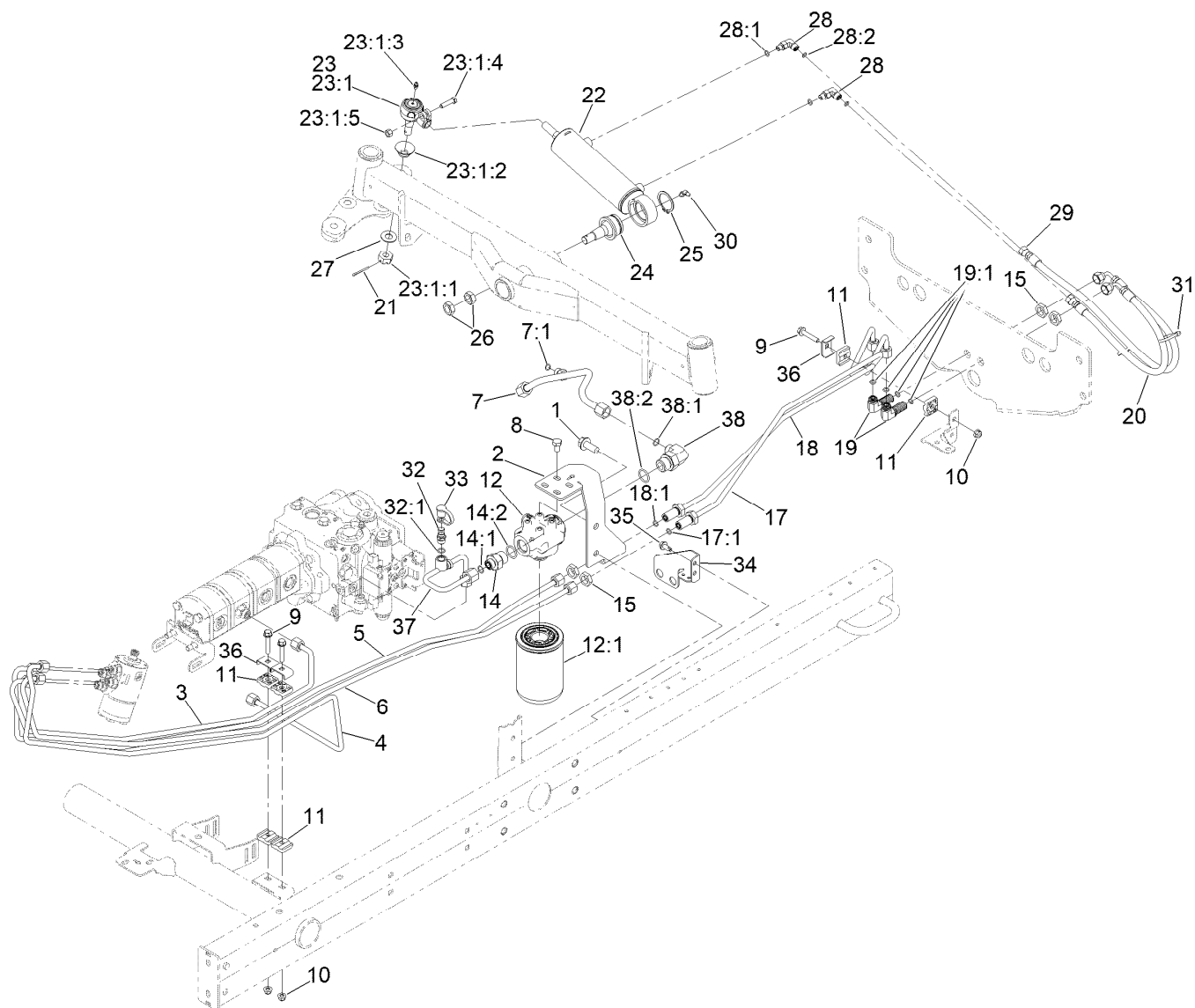
● Not serviced separately



## Rear Lift Hydraulic Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 163-2624    | 2    | Cylinder-Hydraulic    |
| 2    | 340-132     | 1    | Fitting-Elbow, 90 DEG |
| 2:1  | 237-78      | 1    | O-Ring                |
| 2:2  | 237-21      | 1    | O-Ring                |
| 3    | 340-92      | 2    | Fitting-Straight      |
| 3:1  | 237-78      | 1    | O-Ring                |
| 3:2  | 237-21      | 1    | O-Ring                |
| 4    | 120-3782-0P | 1    | Brkt-Bulhead, RH      |
| 5    | 110-0917-0P | 1    | Bracket-Bulkhead, LH  |
| 6    | 340-70      | 2    | Nut-Lock              |
| 7    | 133-2987    | 1    | Tube-ASM              |
| 7:1  | 237-21      | 1    | O-Ring                |
| 8    | 133-2986    | 1    | Tube-ASM              |
| 8:1  | 237-21      | 1    | O-Ring                |
| 9    | 322-4       | 4    | Screw-HH              |
| 10   | 104-8300    | 5    | Nut-HF, NI            |
| 11   | 340-78      | 2    | Nut-Lock              |
| 12   | 110-0930    | 1    | Hose-HYD              |
| 13   | 110-8966    | 1    | Hose-HYD              |
| 14   | 110-0929    | 1    | Hose-HYD              |
| 15   | 110-0931    | 1    | Hose-HYD              |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 16   | 3234-38     | 2    | Screw-HHF           |
| 17   | 3256-6      | 2    | Washer-Flat         |
| 18   | 117-0148    | 2    | Pin-Cylinder        |
| 19   | 104-0046    | 2    | Pin-Slide, Cylinder |
| 20   | 32120-93    | 4    | Ring-Retaining      |
| 21   | 3-6498      | 4    | Washer-Thrust       |
| 22   | 100-7695    | 1    | Fitting-Elbow 90    |
| 22:1 | 237-78      | 1    | O-Ring              |
| 22:2 | 237-21      | 1    | O-Ring              |
| 23   | 323-9       | 2    | Screw-HH            |
| 24   | 3296-59     | 2    | Nut-Lock, NI        |
| 25   | 145-2552    | 1    | Hydraulic Tube ASM  |
| 25:1 | 237-21      | 1    | O-Ring              |
| 25:2 | 237-22      | 1    | O-Ring              |
| 26   | 145-2553    | 1    | Hydraulic Tube ASM  |
| 26:1 | 237-21      | 1    | O-Ring              |
| 26:2 | 237-22      | 1    | O-Ring              |
| 27   | 32144-57    | 2    | Screw-Thd Roll      |
| 28   | 56-7973     | 6    | Clamp-Tube          |
| 29   | 3230-5      | 1    | Bolt-CARR           |
| 30   | 119-1418    | 4    | Plate-Clamp, Short  |

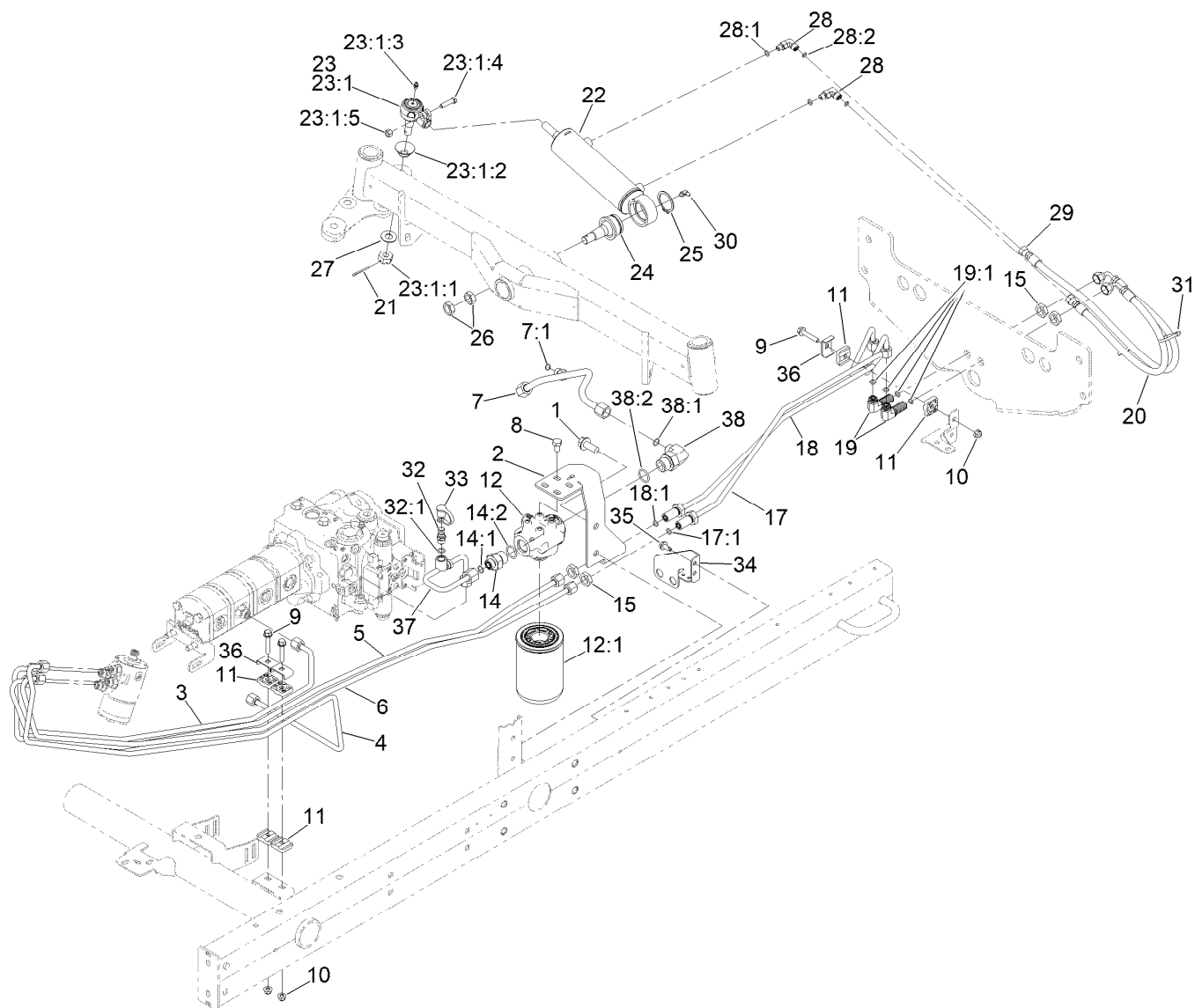


## Steering Hydraulic Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 3234-38     | 2    | Screw-HHF             |
| 2    | 145-2477-0P | 1    | Bracket-Mount, Filter |
| 3    | 144-2096    | 1    | Tube ASM-Hydraulic    |
| 4    | 144-2054    | 1    | Tube ASM-Hydraulic    |
| 5    | 144-2094    | 1    | Tube ASM-Hydraulic    |
| 6    | 144-2095    | 1    | Tube ASM-Hydraulic    |
| 7    | 145-2562    | 1    | Hydraulic Tube ASM    |
| 7:1  | 237-22      | 1    | O-Ring                |
| 8    | 33115-016   | 4    | Screw-HH              |
| 9    | 94-5780     | 3    | Screw-HWH             |
| 10   | 104-8300    | 3    | Nut-HF, NI            |
| 11   | 56-7973     | 6    | Clamp-Tube            |
| 12   | 93-2242     | 1    | Oil Filter ASM        |
| 12:1 | 75-1310     | 1    | Filter-HYD            |
| 14   | 100-4240    | 1    | Fitting-STR           |
| 14:1 | 237-30      | 1    | O-Ring                |
| 14:2 | 237-81      | 1    | O-Ring                |
| 15   | 340-70      | 4    | Nut-Lock              |

| 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     | 110-9035    | 1    | HYD Cylinder ASM         |
| 23     | 106-6895-03 | 1    | Ball Joint ASM           |
| 23:1   |             | 1    | Joint-Ball ●             |
| 23:1:1 | 32136-13    | 1    | Nut-SHH                  |
| 23:1:2 | 106-6896    | 1    | Seal                     |
| 23:1:3 | 302-5       | 1    | Fitting-Grease           |
| 23:1:4 | 3210-7      | 1    | Screw-HH                 |
| 23:1:5 | 32152-5     | 1    | Nut-Hex                  |
| 24     | 106-6774    | 1    | Joint-Ball               |
| 25     | 32151-104   | 1    | Ring-Retaining, External |

● Not serviced separately

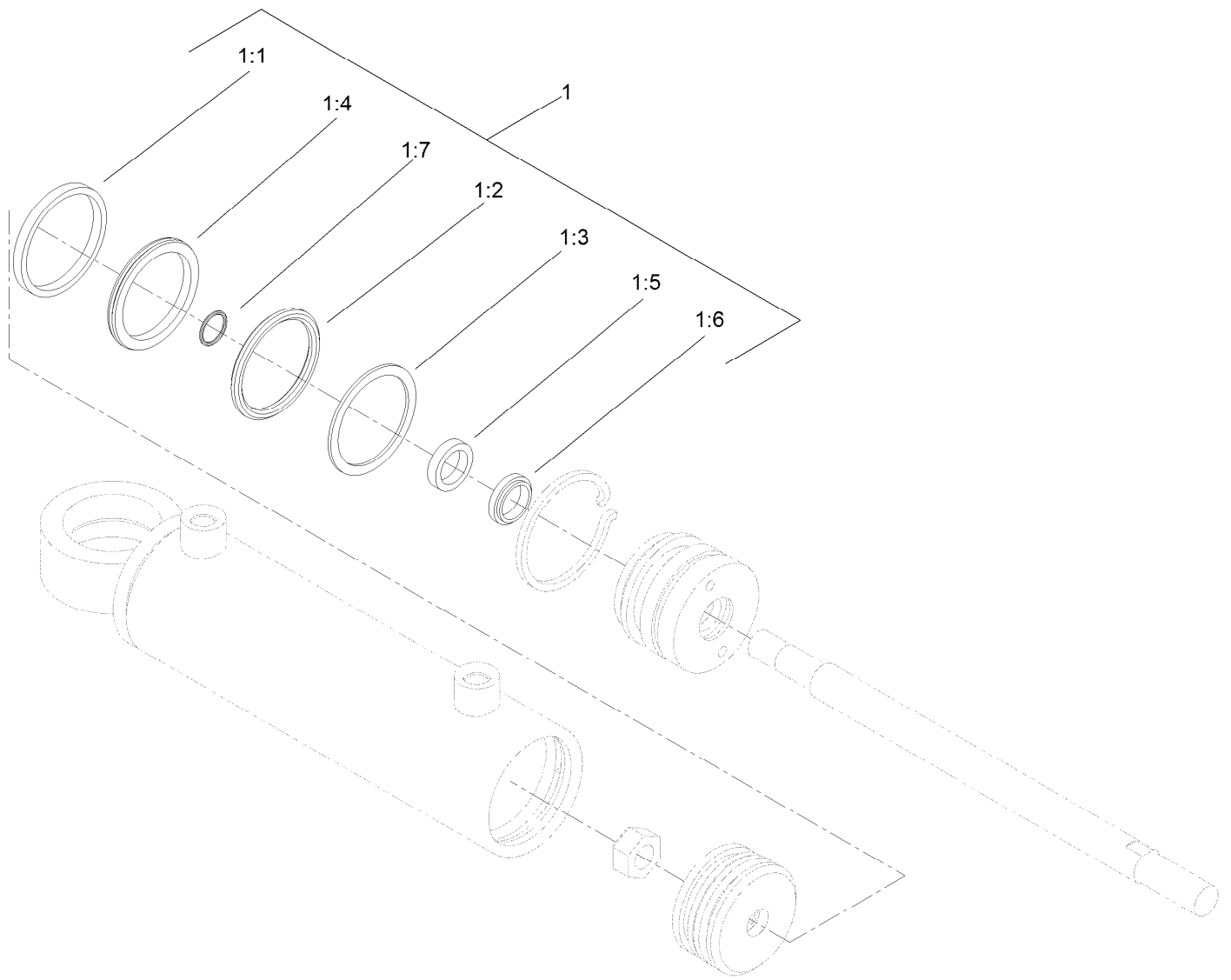


## Steering Hydraulic Assembly (continued)

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 26   | 3220-6      | 2    | Nut-Jam                |
| 27   | 69-8980     | 1    | Washer                 |
| 28   | 340-132     | 2    | Fitting-Elbow, 90 DEG  |
| 28:1 | 237-78      | 1    | O-Ring                 |
| 28:2 | 237-21      | 1    | O-Ring                 |
| 29   | 110-0973    | 1    | Hose-HYD               |
| 30   | 302-40      | 1    | Fitting-Grease, 90 DEG |
| 31   | 3290-378    | 2    | Tie-Cable              |
| 32   | 59-7410     | 1    | Fitting-Diagnostic     |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 32:1 | 237-42      | 1    | O-Ring              |
| 33   | 353-947     | 1    | Cap-Dust, Black     |
| 34   | 120-3781-0P | 1    | Brkt-Bulhead Steer  |
| 35   | 32104-32    | 2    | Screw-HWH           |
| 36   | 119-1418    | 2    | Plate-Clamp, Short  |
| 37   | 145-2478    | 1    | Tube ASM-Hydraulic  |
| 38   | 340-131     | 1    | Fitting-HYD, 90 DEG |
| 38:1 | 237-30      | 1    | O-Ring              |
| 38:2 | 237-81      | 1    | O-Ring              |

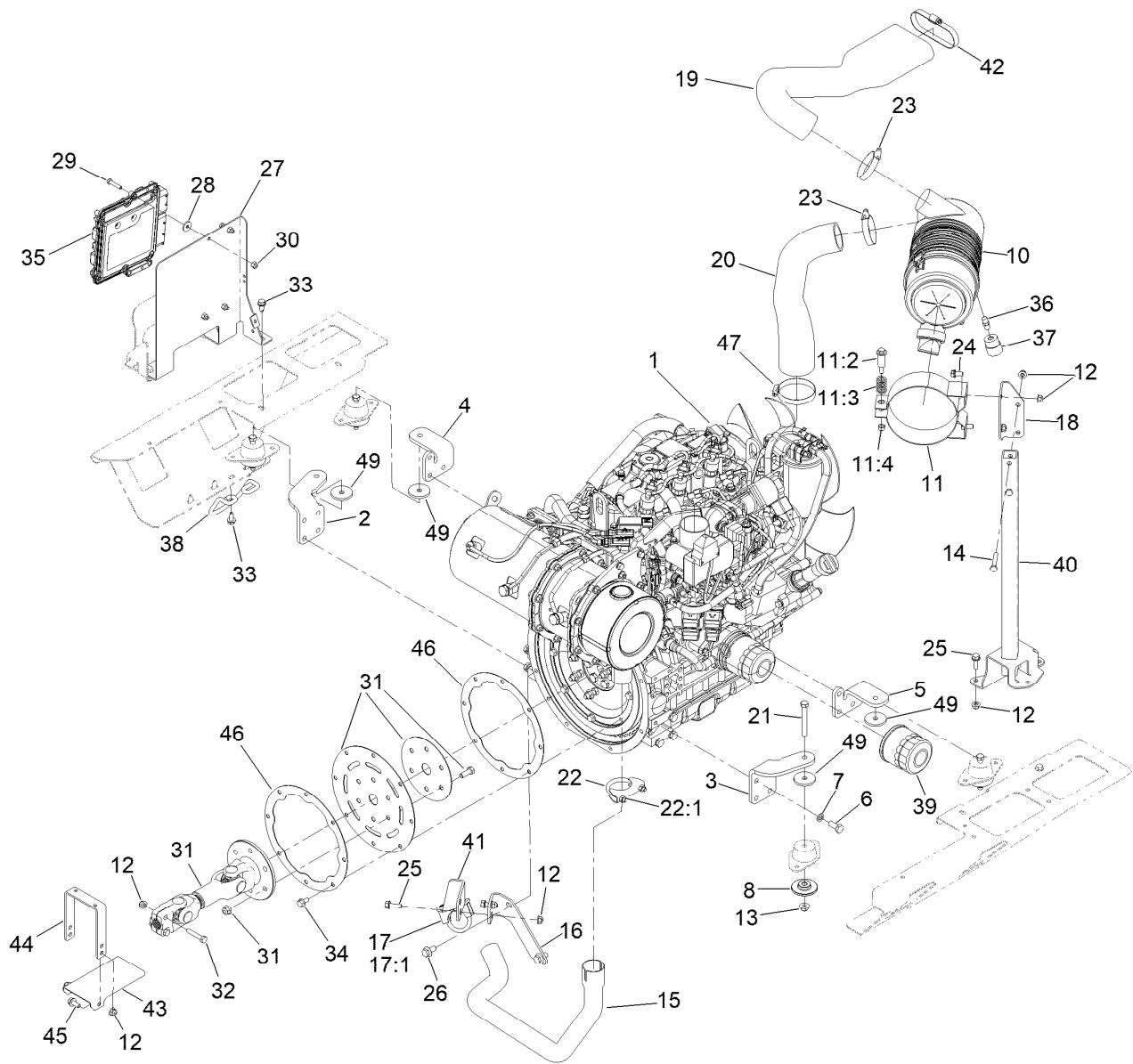
● Not serviced separately



## Hydraulic Cylinder Assembly No. 110-9035

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

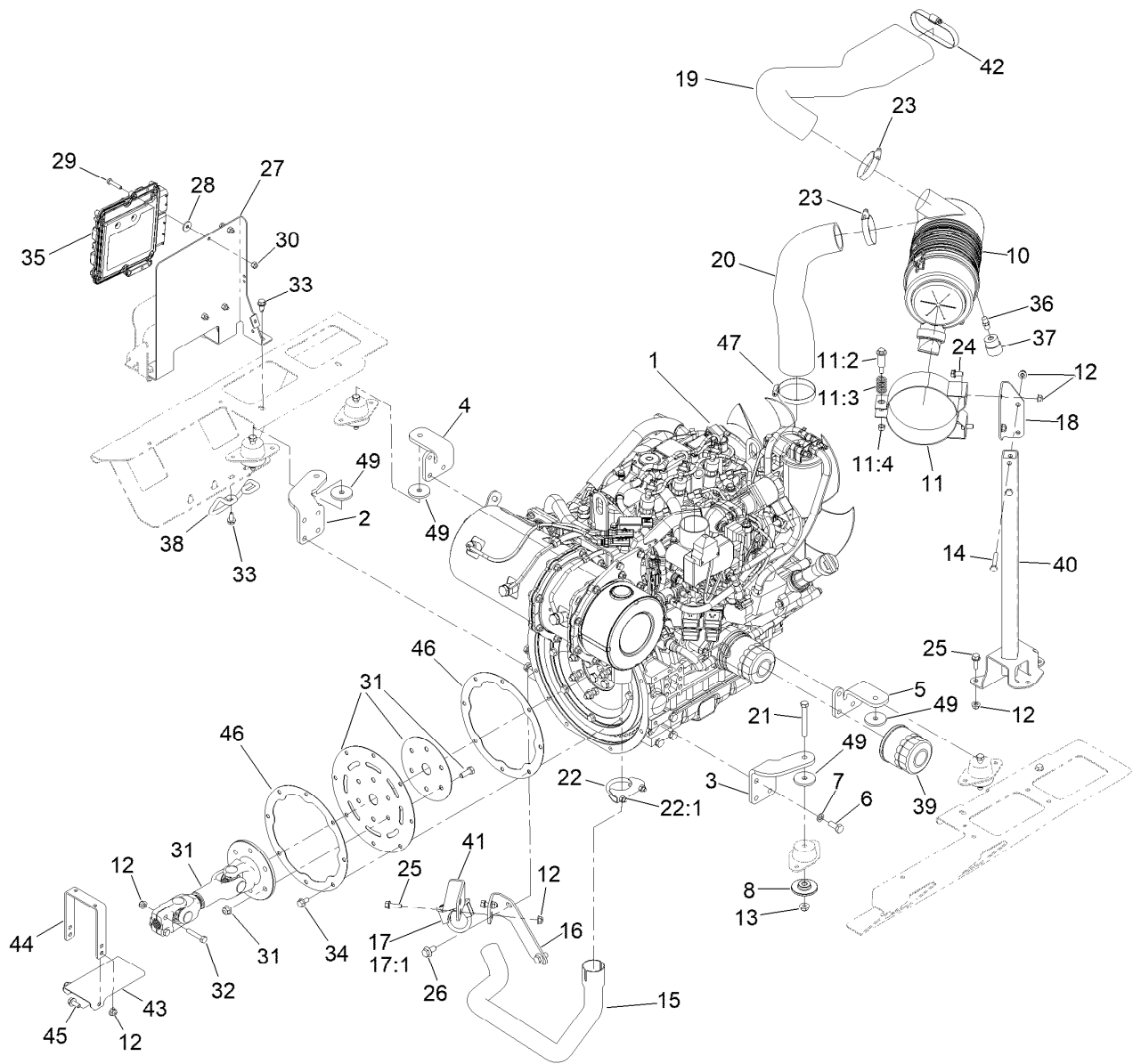
● Not serviced separately



## Engine, Air Cleaner and Drive Shaft Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 138-6915    | 1    | Engine-Yanmar, 3Tnv88C-Dtr |
| 2    | 120-3777-0P | 1    | Mount-Engine Rf            |
| 3    | 120-3778-0P | 1    | Mount-Engine Lf            |
| 4    | 120-3779-0P | 1    | Mount-Engine Rr            |
| 5    | 120-3780-0P | 1    | Mount-Engine Lr            |
| 6    | 33115-025   | 14   | Screw-HH                   |
| 7    | 48-9590     | 14   | Washer-Lock                |
| 8    | 138-6462    | 4    | Support-Isolator           |
| 10   | 106-5277    | 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 | 33024-00    | 1    | Nut-Lock, NI               |
| 12   | 104-8300    | 10   | Nut-HF, NI                 |
| 13   | 104-8301    | 6    | Nut-HF, NI                 |
| 14   | 322-10      | 2    | Screw-HH                   |
| 15   | 125-8765    | 1    | Tube-Exhaust               |
| 16   | 125-8763-0P | 1    | Bracket-Tailpipe           |
| 17   | 2112-9      | 1    | Clamp                      |
| 17:1 | 32128-20    | 2    | Nut-HF                     |

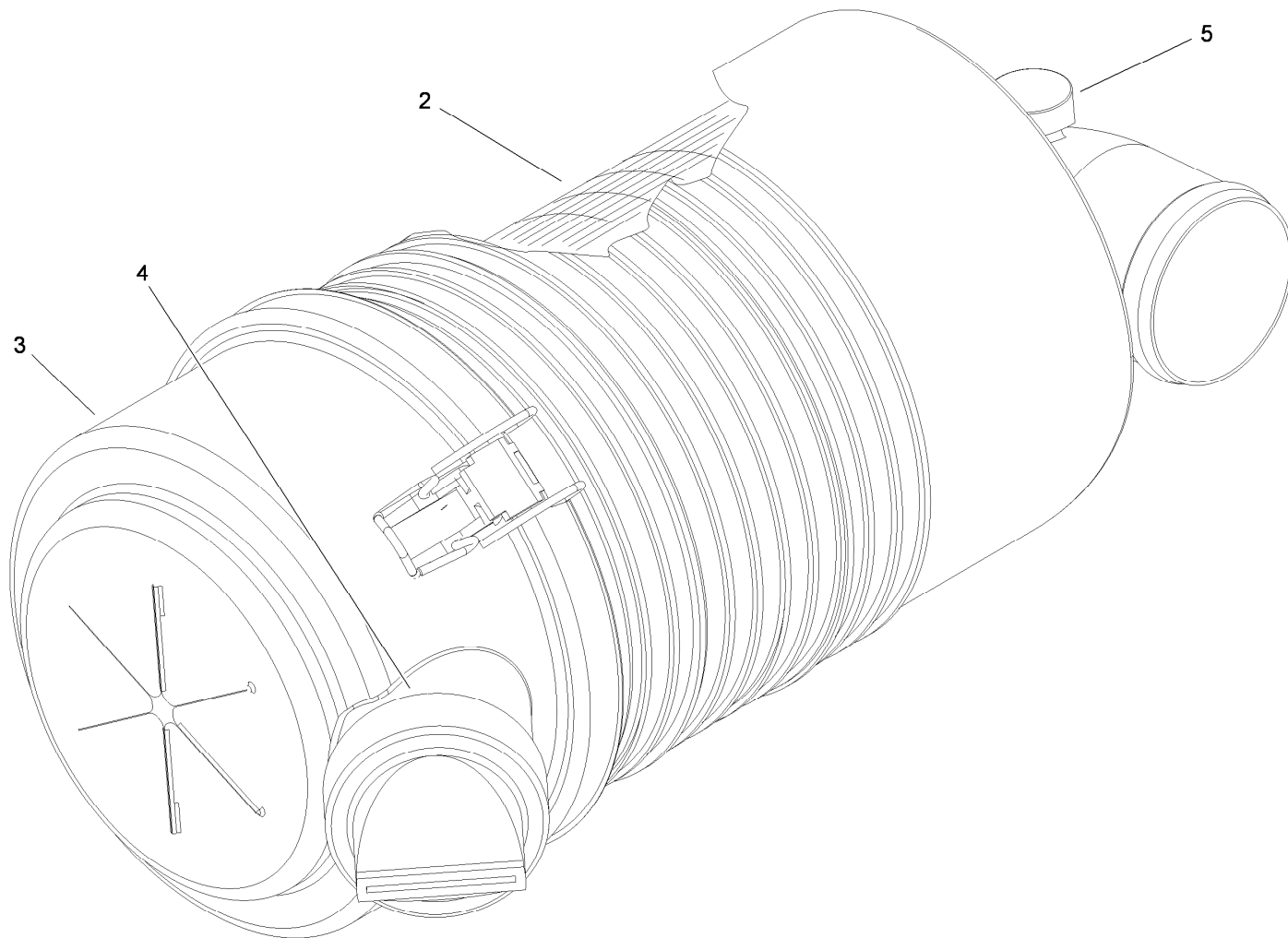
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 18   | 120-6298-0P | 1    | Bracket-Aircleaner      |
| 19   | 121-5559    | 1    | Hose-Air Cleaner        |
| 20   | 120-3786    | 1    | Hose-Air Cleaner        |
| 21   | 323-14      | 4    | Screw-HH                |
| 22   | 2112-6      | 1    | Clamp-Muffler           |
| 22:1 | 3218-2      | 2    | Nut-Hex Jam             |
| 23   | 2412-130    | 2    | Clamp-Hose              |
| 24   | 3234-14     | 2    | Screw-HHF               |
| 25   | 3234-29     | 4    | Screw-HHF               |
| 26   | 33105-020   | 2    | Screw-HHF               |
| 27   | 122-0898-0P | 1    | Bracket-Ecu             |
| 28   | 66-2921     | 4    | Washer-Friction         |
| 29   | 321-8       | 4    | Screw-HH                |
| 30   | 3296-42     | 4    | Nut-Lock, NI            |
| 31   | 145-2508    | 1    | Driveshaft ASM          |
| 32   | 323-9       | 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, Air Cleaner and Drive Shaft Assembly (continued)

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 38   | 127-2612    | 1    | Guard-Pipe, Tail   |
| 39   | 125-7025    | 1    | Filter-Engine, Oil |
| 40   | 120-2949-0P | 1    | Stand ASM [primed] |
| 41   | 125-8764-0P | 1    | Bracket-Tailpipe   |
| 42   | 2412-46     | 1    | Clamp              |
| 43   | 125-8766-0P | 1    | Shield-Heat        |

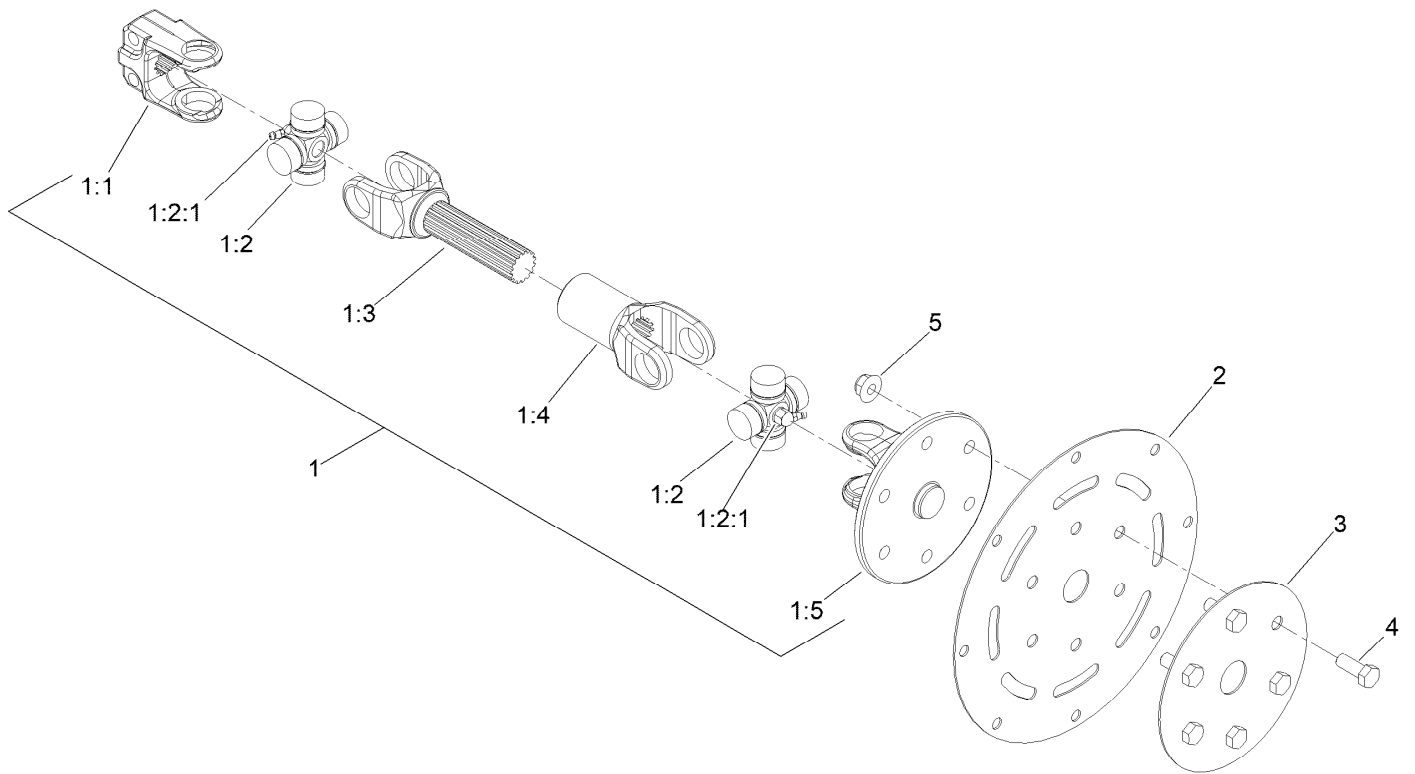
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 44   | 108-1799-0P | 1    | Hoop - Guard      |
| 45   | 3234-5      | 2    | Screw-HHF         |
| 46   | 136-8040-0P | 2    | Ring - Backup     |
| 47   | 2412-53     | 1    | Clamp-Drive, Worm |
| 49   | 115-1485    | 4    | Washer-Plain      |



## Air Cleaner Assembly No. 106-5277

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

# Driveshaft Assembly No. 145-2508



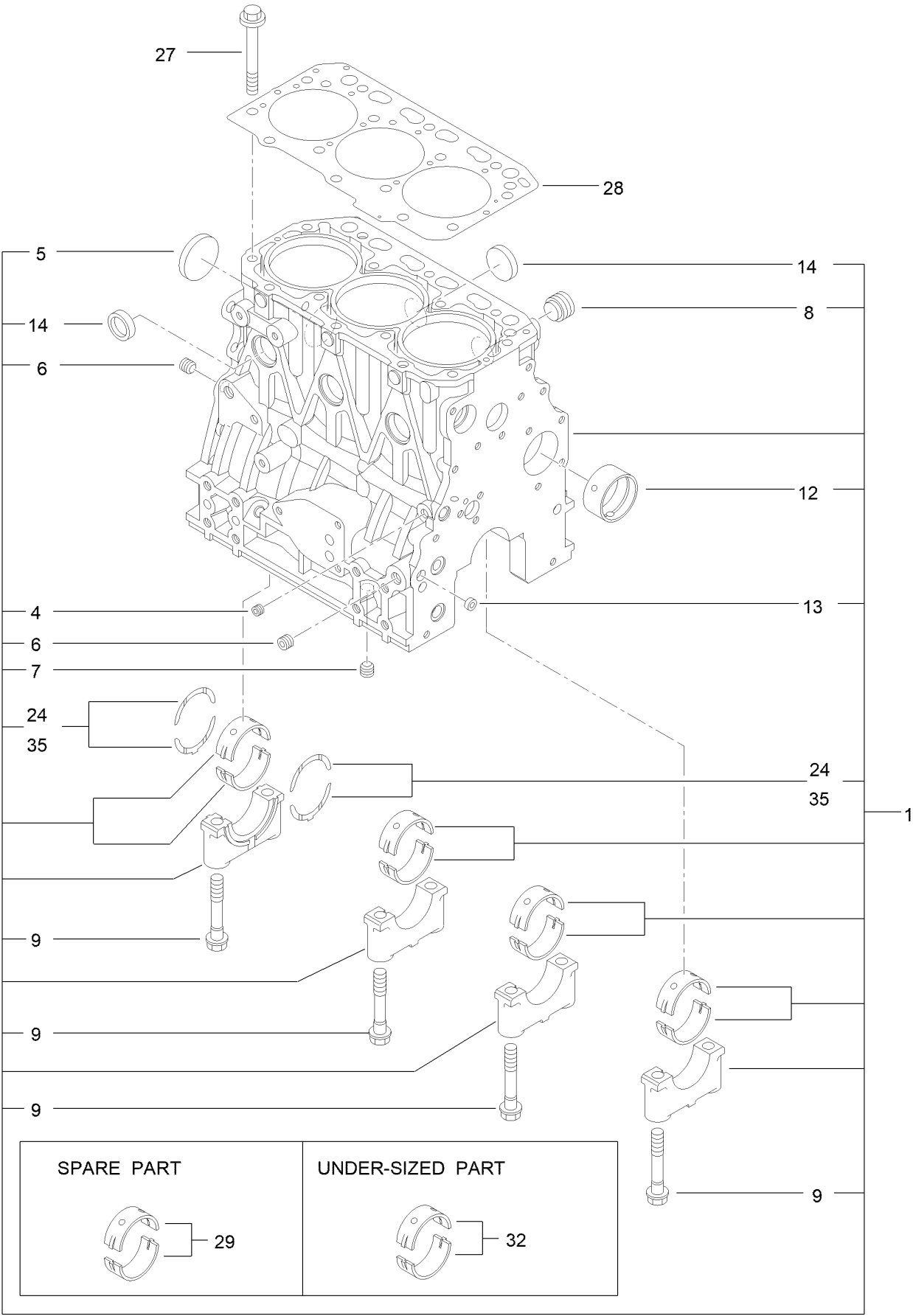
## Driveshaft Assembly No. 145-2508 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 1           |                    | 1           | Driveshaft ●         |
| 1:1         | 145-2535           | 1           | Yoke-Driveshaft, 13T |
| 1:2         | 54-9180            | 2           | U-Joint Kit          |
| 1:2:1       | 62-3820            | 1           | Fitting-Grease       |
| 1:3         | 108-0632           | 1           | Yoke And Shaft ASM   |
| 1:4         | 108-0633           | 1           | Yoke-Telescoping     |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|------------------------|
| 1:5         | 145-2546           | 1           | Yoke ASM               |
| 2           | 138-6933-0P        | 1           | Plate-Flywheel Adapter |
| 3           | 133-2963-0P        | 1           | Ring-Backup            |
| 4           | 323-6              | 6           | Screw-HH               |
| 5           | 104-8301           | 6           | Nut-HF, NI             |

● Not serviced separately

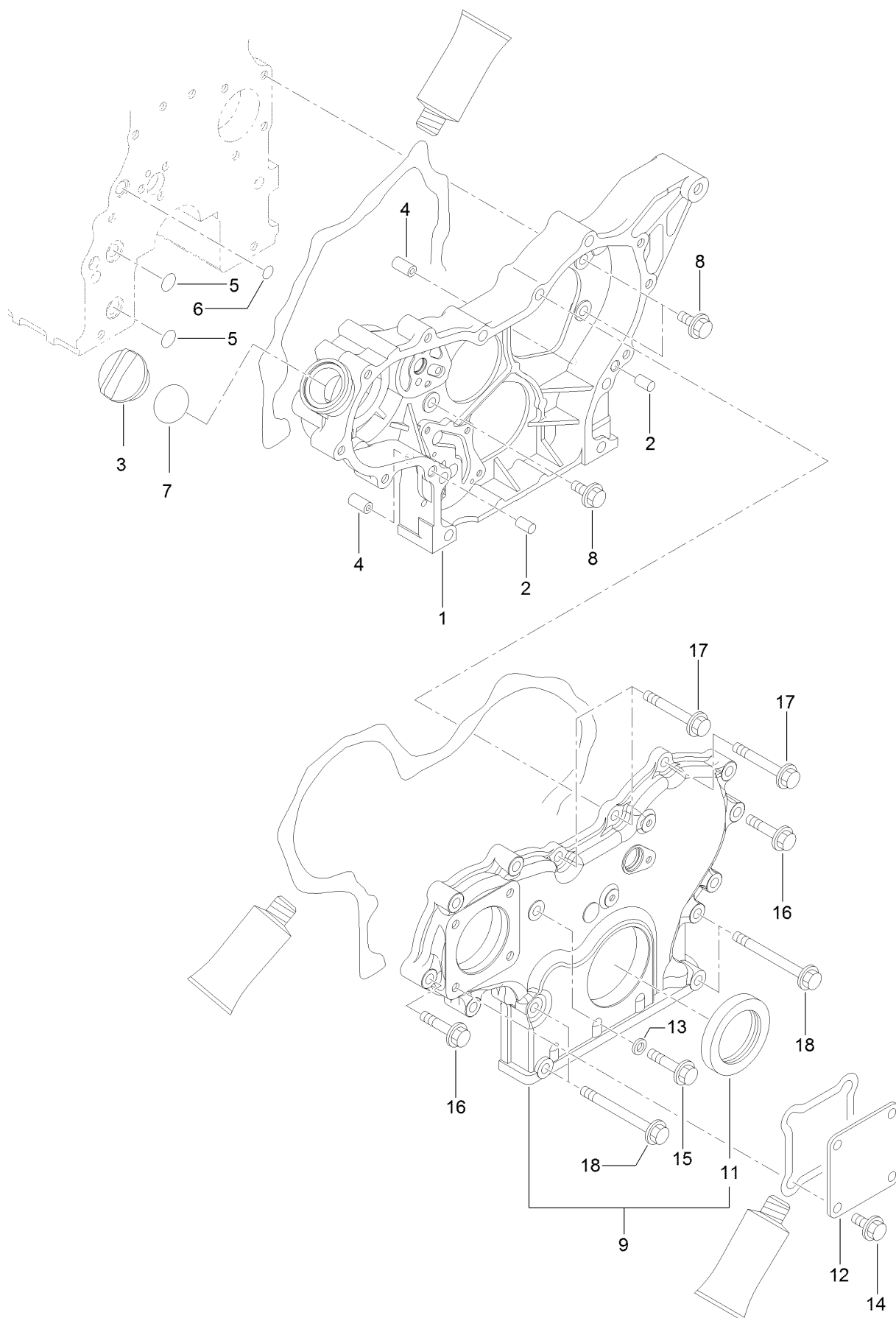
# Cylinder Block Assembly



## Cylinder Block 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           | 127-4717           | 1           | Cylinder Block ASM | 13          | 125-7237           | 1           | Plug                |
| 4           | 125-6969           | 1           | Plug               | 14          | 125-7239           | 6           | Plug                |
| 5           | 125-6980           | 1           | Plug               | 24          | 125-7010           | 2           | Metal-Thrust        |
| 6           | 125-6973           | 2           | Plug               | 27          | 125-7006           | 14          | Bolt                |
| 7           | 125-6973           | 1           | Plug               | 28          | 127-4716           | 1           | Head Gasket ASM     |
| 8           | 125-7170           | 1           | Plug               | 29          | 125-6981           | 4           | Metal-Main          |
| 9           | 125-7007           | 8           | Bolt               | 32          | 125-7009           | 4           | Metal-Main (0.25)   |
| 12          | 125-7108           | 1           | Bushing            | 35          | 125-7011           | 1           | Metal-Thrust (0.25) |

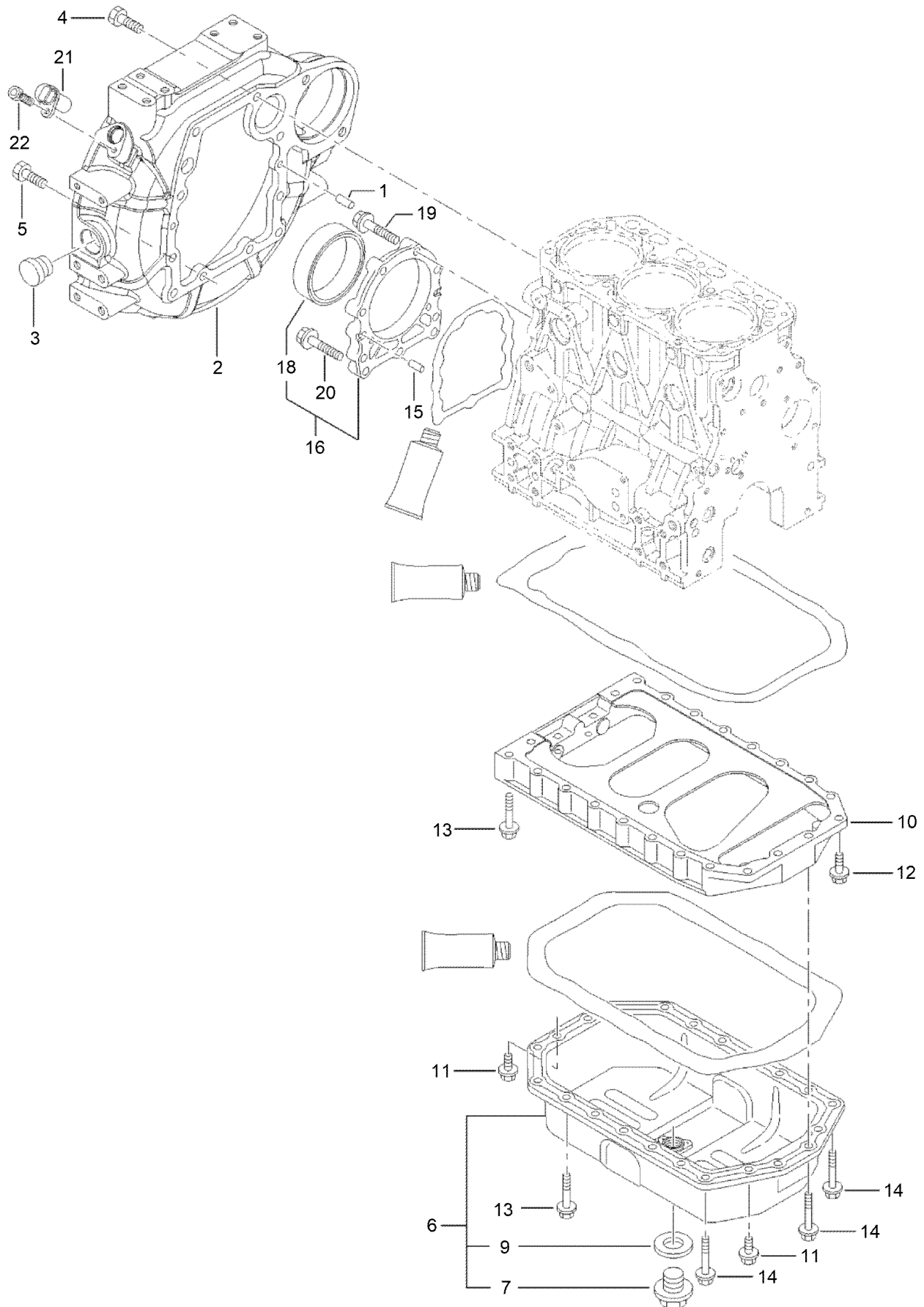
# Gear Housing Assembly



## Gear Housing 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           | 127-3023           | 1           | Case-Gear          | 11          | 125-6944           | 1           | Seal-Oil           |
| 2           | 125-6995           | 2           | Pin                | 12          | 125-6977           | 1           | Cover              |
| 3           | 125-6972           | 1           | Cover-Filler       | 13          | 125-7174           | 1           | Washer-Seal        |
| 4           | 125-7107           | 2           | Pipe               | 14          | 100-6928           | 4           | Bolt               |
| 5           | 125-6909           | 2           | O-Ring             | 15          | 125-7217           | 1           | Bolt               |
| 6           | 127-2973           | 1           | O-Ring             | 16          | 125-7218           | 7           | Bolt               |
| 7           | 125-7197           | 1           | O-Ring             | 17          | 125-7222           | 3           | Bolt               |
| 8           | 100-6928           | 3           | Bolt               | 18          | 125-7224           | 4           | Bolt               |
| 9           | 127-3024           | 1           | Gearcase Cover ASM |             |                    |             |                    |

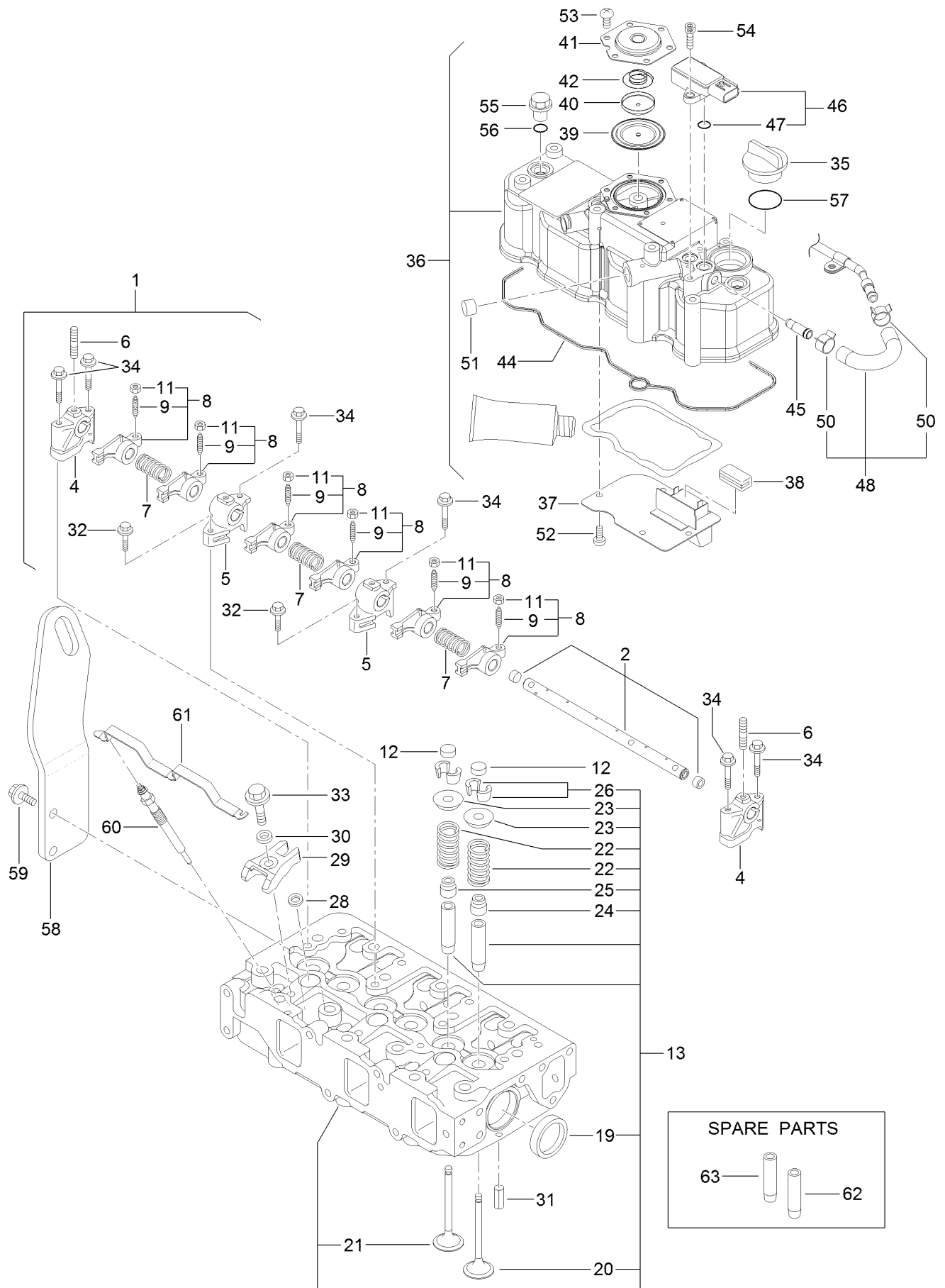
# Flywheel Housing and Oil Sump Assembly



## Flywheel Housing and Oil Sump 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           | 125-6995           | 2           | Pin                | 12          | 125-7215           | 2           | Bolt                 |
| 2           | 127-3025           | 1           | Housing-Flywheel   | 13          | 125-7219           | 16          | Bolt                 |
| 3           | 125-6910           | 1           | Cap                | 14          | 125-7220           | 4           | Bolt                 |
| 4           | 125-7226           | 6           | Bolt               | 15          | 125-6995           | 2           | Pin                  |
| 5           | 125-7227           | 4           | Bolt               | 16          | 125-6996           | 1           | Case ASM             |
| 6           | 127-3755           | 1           | Oil Pan ASM        | 18          | 125-7106           | 1           | Seal-Oil             |
| 7           | 125-6912           | 1           | Plug-Drain         | 19          | 125-7045           | 6           | Bolt                 |
| 9           | 125-7177           | 1           | Washer-Seal        | 20          | 125-7217           | 3           | Bolt                 |
| 10          | 127-3756           | 1           | Spacer             | 21          | 127-3062           | 1           | Sensor-Rev, Flywheel |
| 11          | 100-6928           | 4           | Bolt               | 22          | 127-3184           | 1           | Bolt                 |

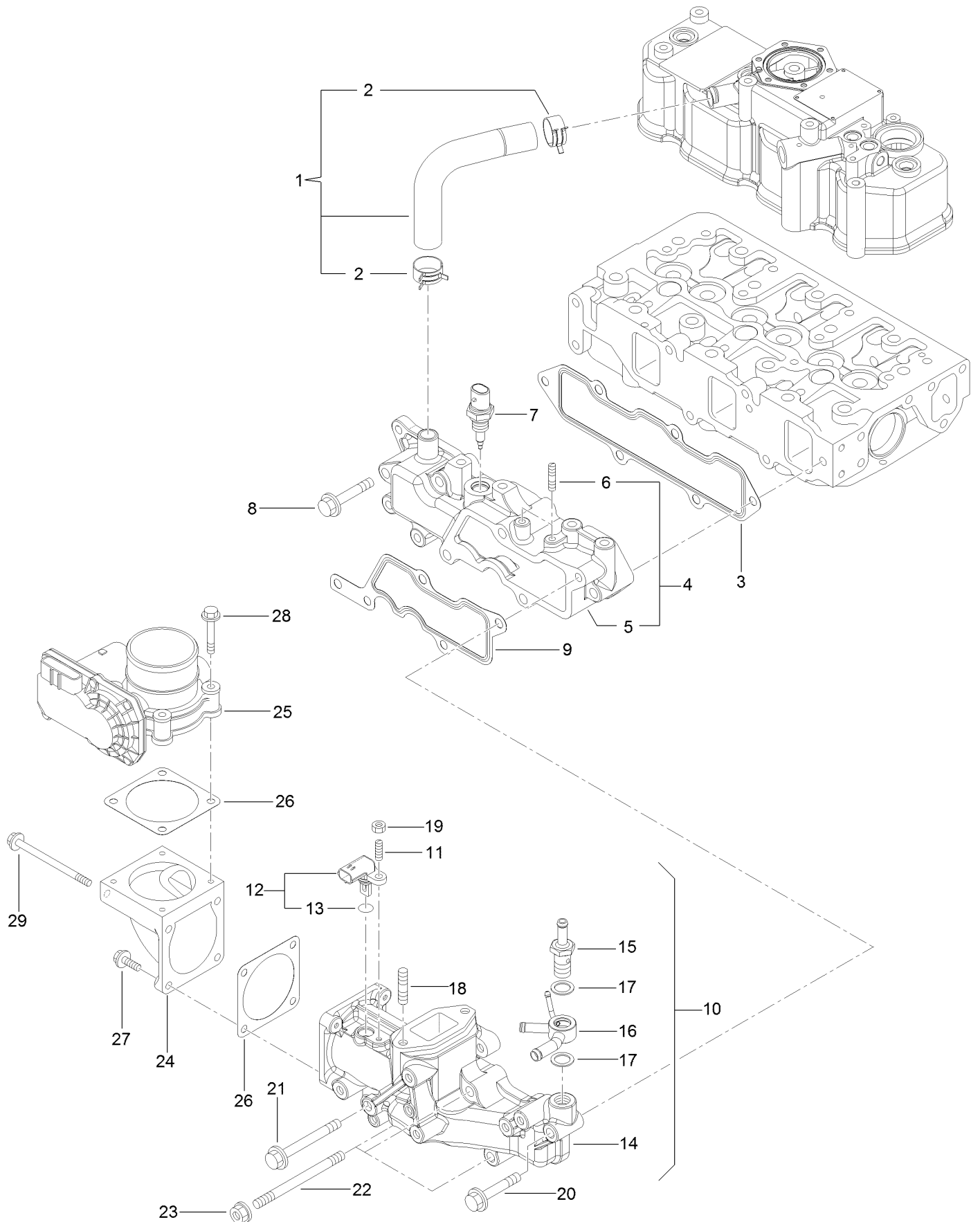
# Cylinder Head and Cover Assembly



## 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           | 36          | 127-4719           | 1           | Cylinder Head Cover ASM |
| 2           | 127-3758           | 1           | Shaft               | 37          | 127-2988           | 1           | Plate                   |
| 4           | 127-2974           | 2           | Support             | 38          | 125-7012           | 1           | Baffle                  |
| 5           | 127-2975           | 2           | Support             | 39          | 125-6959           | 1           | Diaphragm               |
| 6           | 127-3759           | 3           | Stud                | 40          | 125-6960           | 1           | Plate                   |
| 7           | 127-2995           | 3           | Spring              | 41          | 125-6961           | 1           | Plate-Breather          |
| 8           | 127-2989           | 6           | Arm-Rocker          | 42          | 125-6962           | 1           | Spring-Diaphragm        |
| 9           | 125-7013           | 6           | Screw-Adjust, Valve | 44          | 127-3856           | 1           | Gasket-Valve Cover      |
| 11          | 125-7014           | 6           | Nut                 | 45          | 127-3026           | 1           | Joint                   |
| 12          | 127-2996           | 6           | Cap-Valve           | 46          | 127-3029           | 1           | Sensor-Pressure         |
| 13          | 127-4720           | 1           | Cylinder Head ASM   | 47          | 127-3032           | 2           | O Ring-Sensor, Pressure |
| 19          | 125-7240           | 2           | Plug                | 48          | 127-3040           | 1           | Hose ASM                |
| 20          | 127-2990           | 3           | Valve               | 50          | 127-3041           | 2           | Clip-Hose               |
| 21          | 127-4710           | 3           | Valve               | 51          | 125-6913           | 1           | Plug                    |
| 22          | 127-3012           | 6           | Spring              | 52          | 125-7186           | 4           | Screw                   |
| 23          | 127-3013           | 6           | Retainer-Spring     | 53          | 125-7186           | 6           | Screw                   |
| 24          | 127-2986           | 3           | Seal-Stem, Valve    | 54          | 127-3184           | 2           | Bolt                    |
| 25          | 127-3027           | 3           | Seal-Stem, Valve    | 55          | 125-6974           | 3           | Knob                    |
| 26          | 127-3186           | 6           | Pin-Cotter          | 56          | 93-0418            | 3           | O-Ring                  |
| 28          | 127-3021           | 3           | Gasket-Injector     | 57          | 125-7197           | 1           | O-Ring                  |
| 29          | 127-3028           | 3           | Retainer-Injector   | 58          | 125-7111           | 1           | Lifter                  |
| 30          | 127-2980           | 3           | Washer-Injector     | 59          | 100-6928           | 2           | Bolt                    |
| 31          | 125-7184           | 2           | Pin-Spring          | 60          | 127-2991           | 3           | Plug-Glow               |
| 32          | 125-7215           | 2           | Bolt                | 61          | 127-3768           | 1           | Connector-Plug, Glow    |
| 33          | 125-7217           | 3           | Bolt                | 62          | 127-2979           | 3           | Guide                   |
| 34          | 125-7220           | 6           | Bolt                | 63          | 127-2997           | 3           | Guide-Valve             |
| 35          | 125-6972           | 1           | Cover-Filler        |             |                    |             |                         |

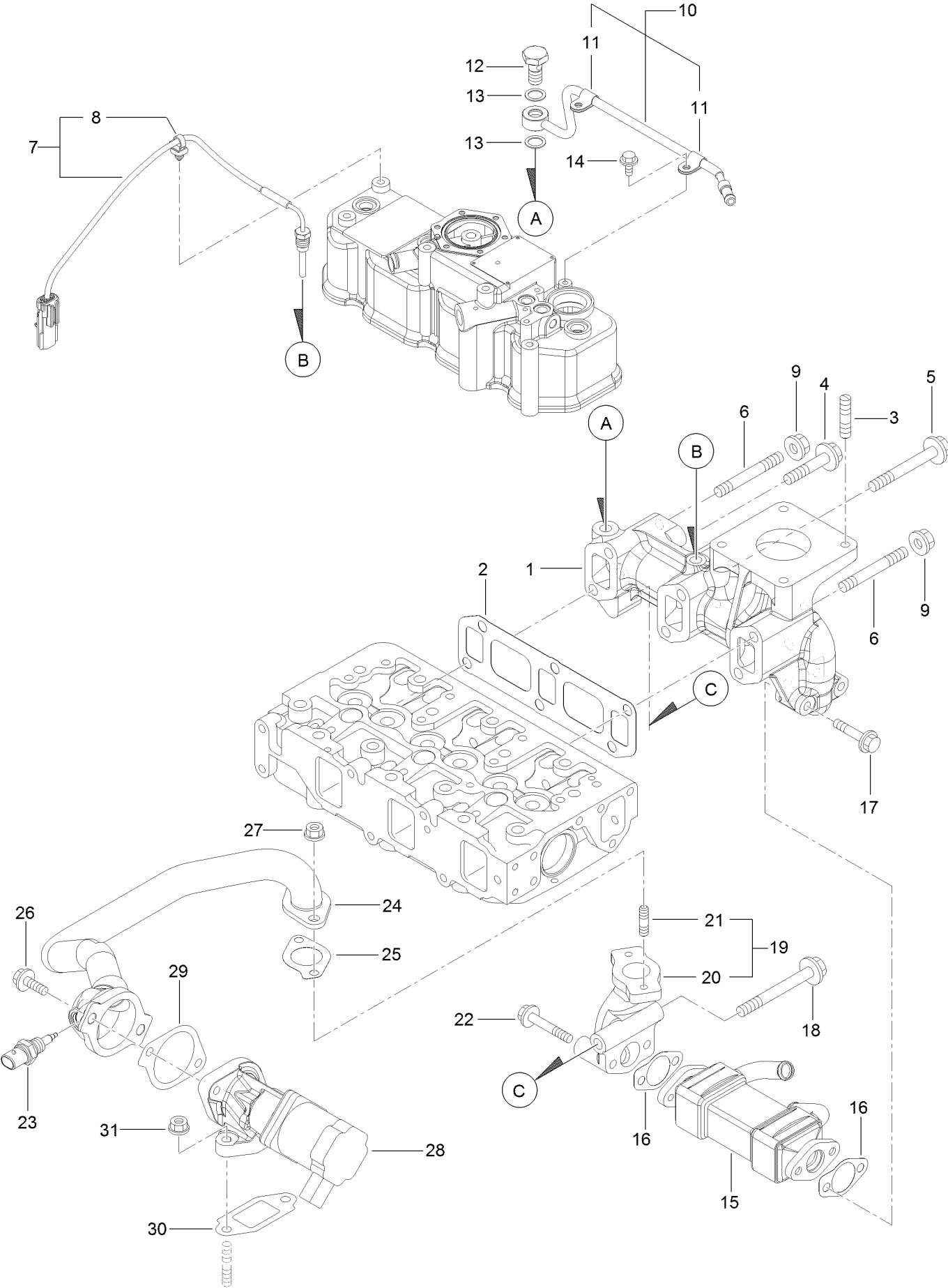
# Suction Manifold Assembly



## Suction Manifold 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           | 127-4704           | 1           | Pipe                    | 16          | 127-3081           | 1           | Joint-Hose         |
| 2           | 125-7040           | 2           | Clip-Hose               | 17          | 127-3166           | 2           | Washer-Seal        |
| 3           | 127-3857           | 1           | Gasket-Manifold, Intake | 18          | 127-4774           | 2           | Stud               |
| 4           | 127-4722           | 1           | Intake Manifold ASM     | 19          | 127-4775           | 1           | Nut                |
| 5           | 127-4721           | 1           | Manifold-Intake         | 20          | 125-7220           | 1           | Bolt               |
| 6           | 127-3180           | 2           | Stud                    | 21          | 127-3178           | 1           | Bolt               |
| 7           | 127-3031           | 1           | Sensor-Temp, Air        | 22          | 127-3182           | 3           | Stud               |
| 8           | 125-7220           | 3           | Bolt                    | 23          | 125-7229           | 3           | Nut                |
| 9           | 127-3034           | 1           | Gasket-Collector        | 24          | 127-3035           | 1           | Bend-Inlet         |
| 10          | 127-4725           | 1           | Intake Collector ASM    | 25          | 127-3036           | 1           | Body-Throttle      |
| 11          | 127-4701           | 1           | Stud                    | 26          | 127-3037           | 2           | Gasket-Throttle    |
| 12          | 127-3030           | 1           | Sensor-Temp, Air        | 27          | 125-7209           | 2           | Bolt               |
| 13          | 127-3033           | 1           | O-Ring                  | 28          | 125-7211           | 4           | Bolt               |
| 14          | 127-4724           | 1           | Collector-Intake        | 29          | 127-3177           | 2           | Bolt               |
| 15          | 127-3080           | 1           | Joint-Hose              |             |                    |             |                    |

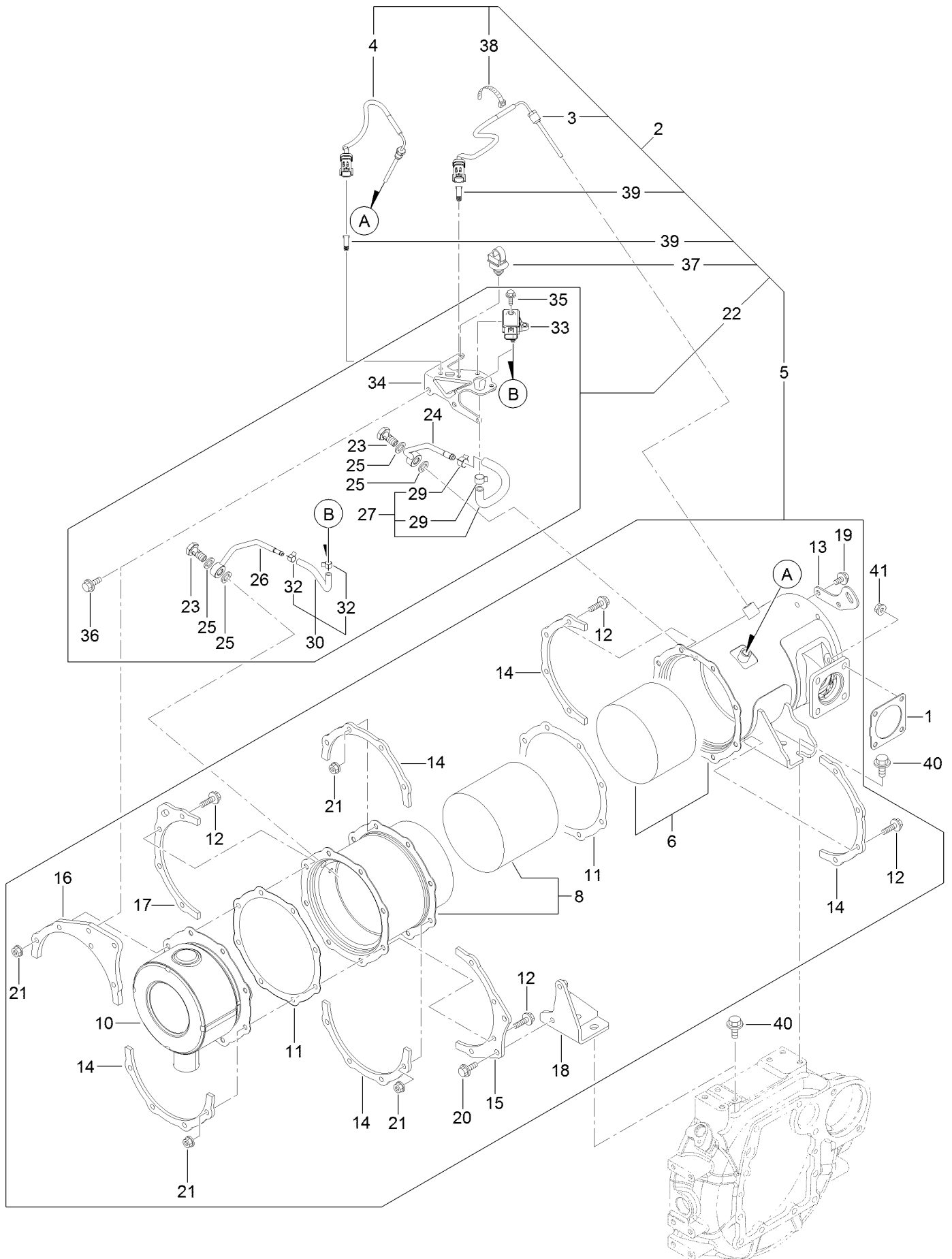
# Exhaust Manifold Assembly



## Exhaust Manifold 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           | 127-3775           | 1           | Gasket-Manifold, Exhaust | 17          | 127-2976           | 2           | Bolt                       |
| 2           | 127-4727           | 1           | Manifold-Exhaust         | 18          | 127-3022           | 1           | Bolt-Flange                |
| 3           | 127-3776           | 1           | Bolt-Flange              | 19          | 127-3048           | 1           | E G R Pipe ASM             |
| 4           | 127-3044           | 3           | Bolt-M10                 | 20          | 127-3049           | 1           | Pipe-Out, E G R            |
| 5           | 127-4756           | 2           | Stud                     | 21          | 125-7043           | 2           | Stud                       |
| 6           | 127-3777           | 1           | Sensor-Temp, Exhaust     | 22          | 125-7220           | 2           | Bolt                       |
| 7           | 127-3087           | 1           | Band-Clip                | 23          | 127-3047           | 1           | Sensor-Gas Temp, E G R     |
| 8           | 125-7043           | 4           | Stud                     | 24          | 127-3780           | 1           | E G R Pipe ASM             |
| 9           | 125-7230           | 2           | Nut                      | 25          | 127-3016           | 1           | Gasket                     |
| 10          | 127-3038           | 1           | Exhaust Pipe ASM         | 26          | 125-7215           | 2           | Bolt                       |
| 11          | 127-3173           | 2           | Clamp                    | 27          | 125-7229           | 2           | Nut                        |
| 12          | 127-3039           | 1           | Bolt-Joint, Pipe         | 28          | 127-3781           | 1           | Valve-E G R                |
| 13          | 127-3174           | 2           | Gasket                   | 29          | 127-3050           | 1           | Gasket-Intake Valve, E G R |
| 14          | 125-7206           | 2           | Bolt                     | 30          | 127-3051           | 1           | Gasket-Out Valve, E G R    |
| 15          | 127-3042           | 1           | Cooler-E G R             | 31          | 125-7229           | 2           | Nut                        |
| 16          | 127-3043           | 2           | Gasket-Cooler, E G R     |             |                    |             |                            |

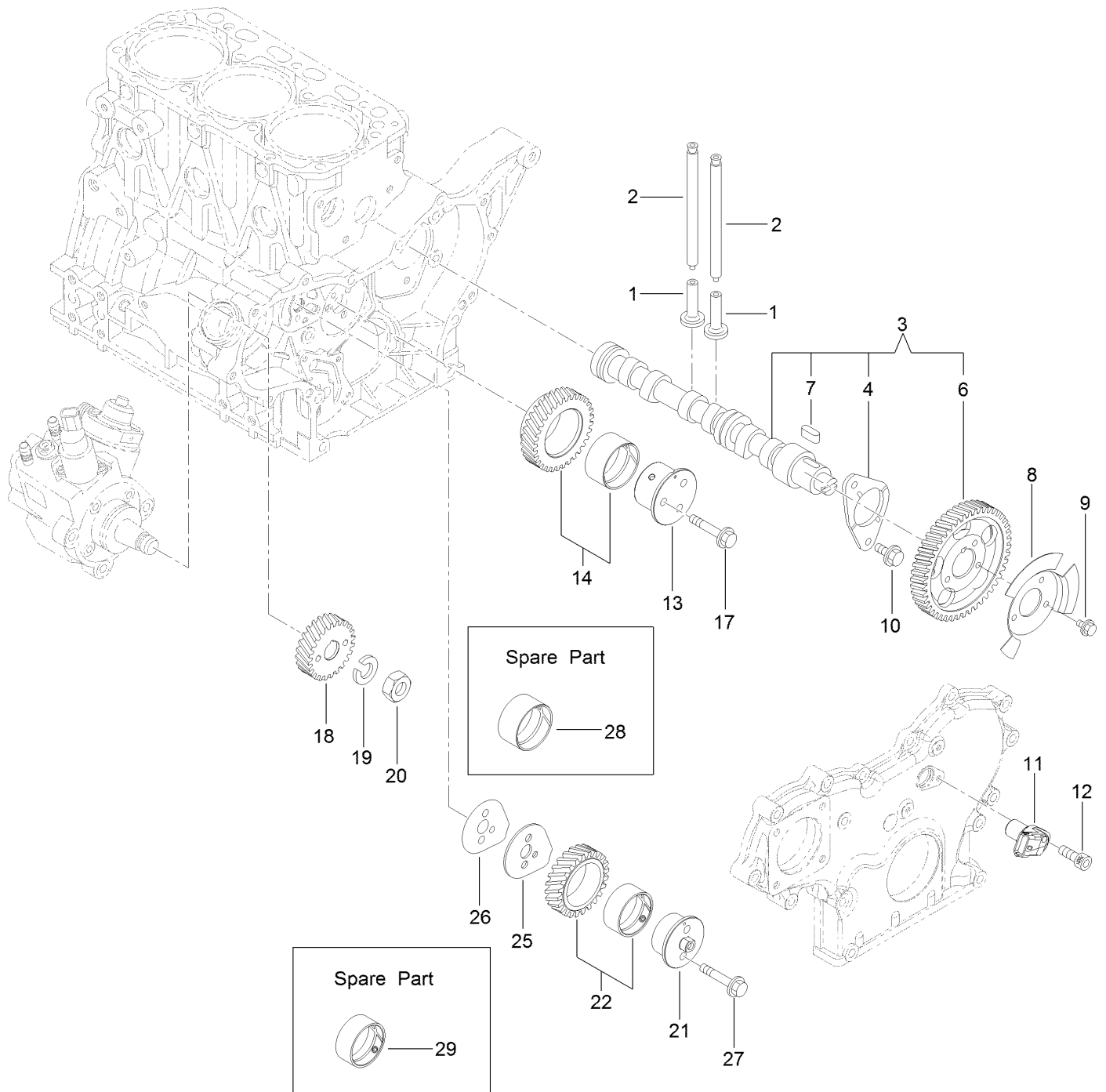
# Diesel Particulate Filter Assembly



## 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               | 22          | 127-4777           | 1           | Sensor Pressure Unit     |
| 2           | 127-4742           | 1           | Dpf Unit             | 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           | 127-4730           | 1           | D P F ASM            | 26          | 127-3796           | 1           | Pipe-Sensor              |
| 6           | 127-4731           | 1           | Case-Doc             | 27          | 127-4746           | 1           | Exhaust Hose ASM         |
| 8           | 127-4733           | 1           | Case-Soot Filter     | 29          | 127-3057           | 2           | Clip-Hose                |
| 10          | 127-3786           | 1           | Silencer-D P F       | 30          | 127-3059           | 1           | Exhaust Pressure Hose    |
| 11          | 127-3859           | 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          | 127-4749           | 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          | 127-4737           | 1           | Stay-Dpf             | 38          | 127-3124           | 1           | Band                     |
| 19          | 125-7213           | 2           | Bolt                 | 39          | 127-3088           | 2           | Clip-Connector           |
| 20          | 125-7594           | 2           | Bolt                 | 40          | 127-4773           | 4           | Bolt                     |
| 21          | 125-7229           | 16          | Nut                  | 41          | 125-7229           | 4           | Nut                      |

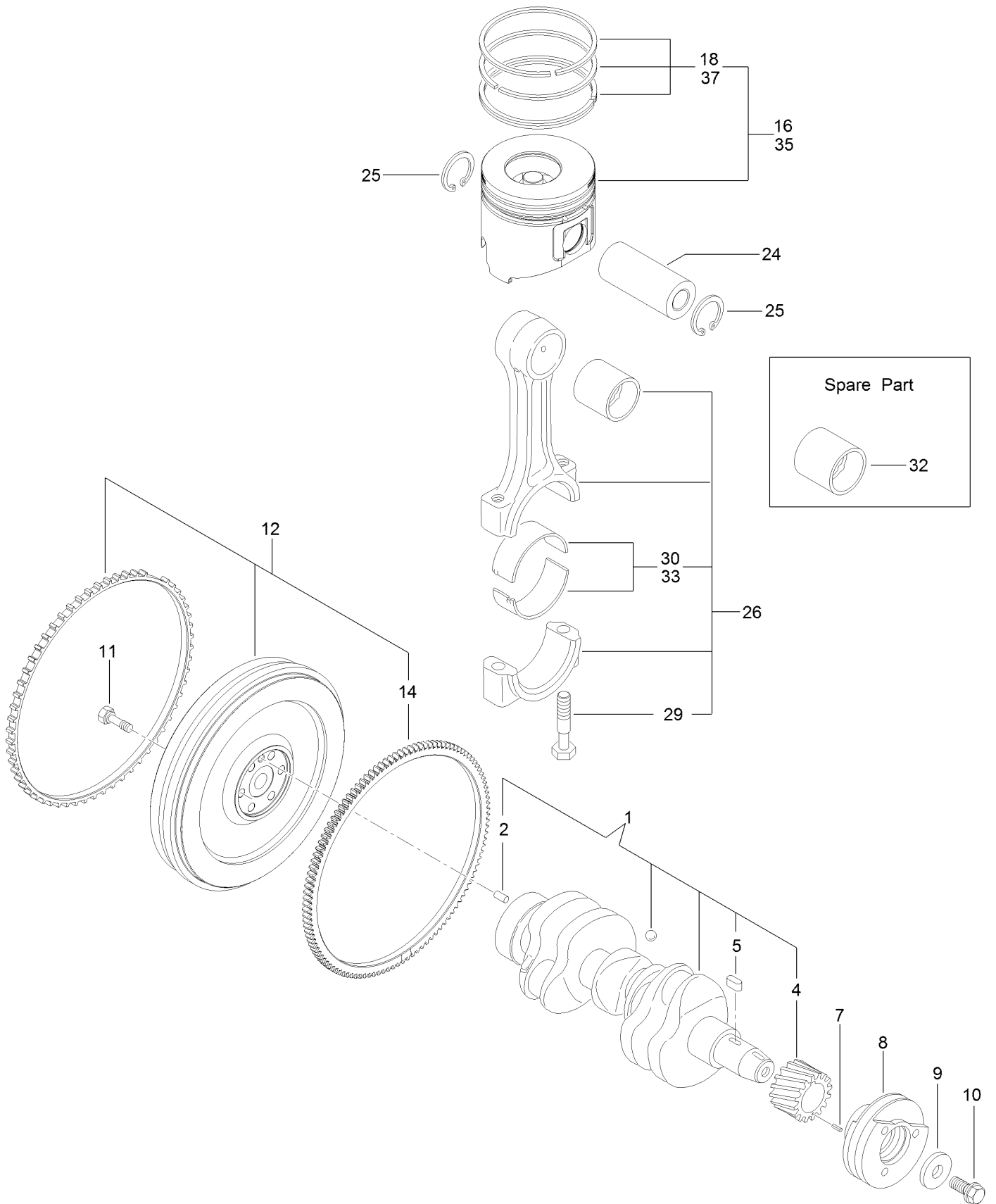
# Camshaft and Driving Gear Assembly



## Camshaft and Driving Gear 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           | 125-7016           | 6           | Tappet             | 14          | 127-3066           | 1           | Idle Gear A ASM      |
| 2           | 125-7017           | 6           | Rod-Push           | 17          | 125-7219           | 3           | Bolt                 |
| 3           | 127-3797           | 1           | Camshaft ASM       | 18          | 127-3070           | 1           | Gear-Pump, Supply    |
| 4           | 125-7008           | 1           | Metal-Thrust       | 19          | 127-3167           | 1           | Washer-Spring        |
| 6           | 127-3052           | 1           | Gear-Camshaft      | 20          | 127-3185           | 1           | Nut-Lock             |
| 7           | 125-7185           | 1           | Key                | 21          | 127-3064           | 1           | Shaft-Idle, Gear B   |
| 8           | 127-3053           | 1           | Pulser-Camshaft    | 22          | 127-3067           | 1           | Idle Gear B ASM      |
| 9           | 125-7205           | 3           | Bolt               | 25          | 127-3068           | 1           | Plate-Idle, Shaft    |
| 10          | 125-7213           | 2           | Bolt               | 26          | 127-3069           | 1           | Gasket-Idle, Shaft B |
| 11          | 127-3054           | 1           | Sensor-Rev, Gear   | 27          | 125-7218           | 2           | Bolt                 |
| 12          | 127-3184           | 1           | Bolt               | 28          | 125-6927           | 1           | Bushing              |
| 13          | 127-3063           | 1           | Shaft-Idle, Gear A | 29          | 127-3065           | 1           | Bushing              |

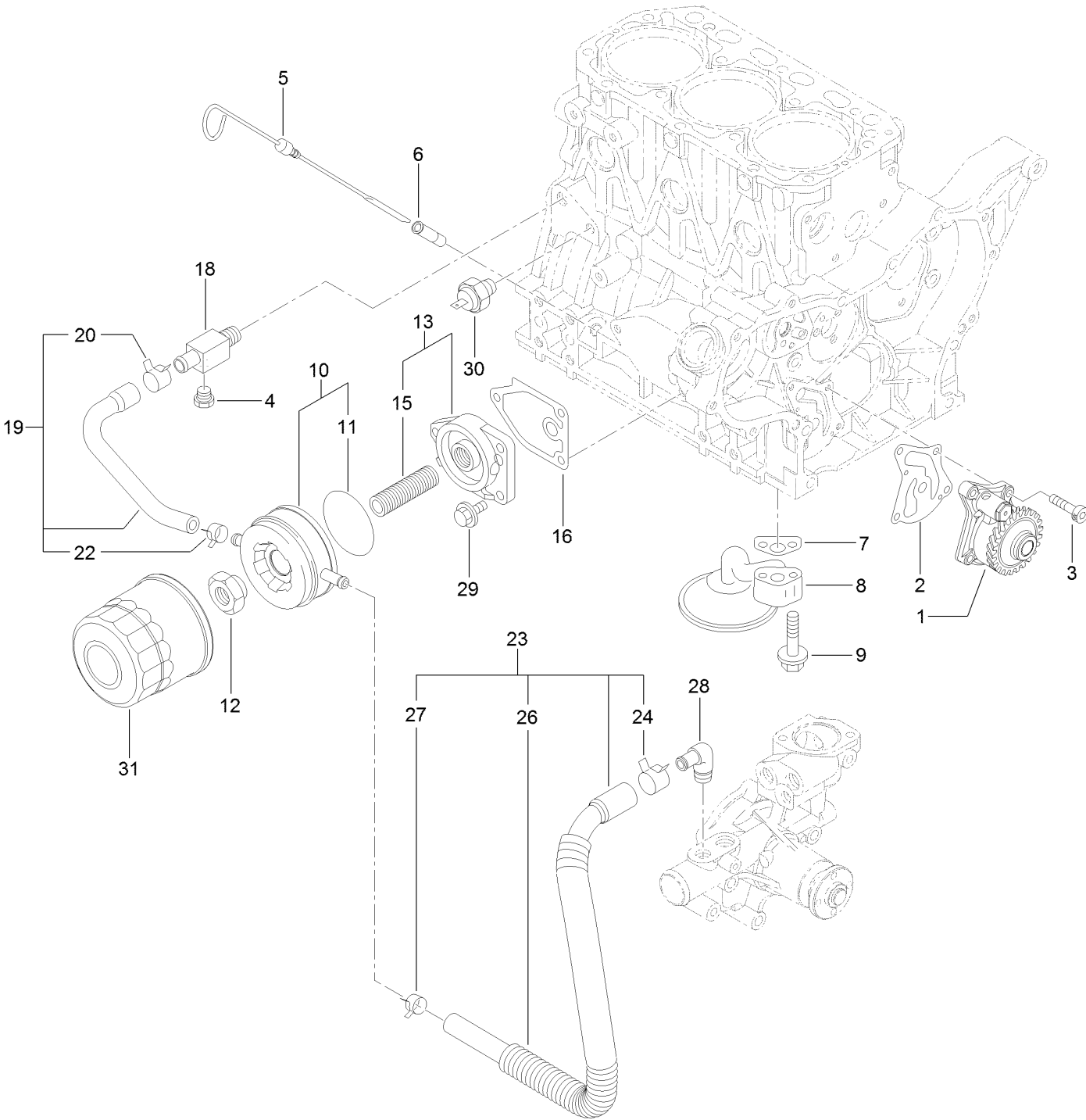
# Crankshaft and Piston Assembly



## Crankshaft and Piston 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           | 127-3800           | 1           | Crankshaft ASM     | 16          | 127-4766           | 3           | Piston ASM            |
| 2           | 125-6995           | 1           | Pin                | 18          | 127-4751           | 3           | Piston Ring ASM       |
| 4           | 125-6937           | 1           | Gear               | 24          | 125-7030           | 3           | Pin                   |
| 5           | 125-7185           | 1           | Key                | 25          | 125-7180           | 6           | Ring                  |
| 7           | 125-7182           | 1           | Pin-Spring         | 26          | 125-7242           | 3           | Connecting Rod ASM    |
| 8           | 127-3801           | 1           | Pulley-V           | 29          | 125-6955           | 6           | Bolt                  |
| 9           | 125-7109           | 1           | Washer             | 30          | 125-7018           | 3           | Pin-Crank             |
| 10          | 125-6956           | 1           | Bolt               | 32          | 125-6997           | 3           | Pin-Piston            |
| 11          | 125-6951           | 6           | Bolt               | 33          | 125-7019           | 3           | Pin-Crank (.25)       |
| 12          | 127-3802           | 1           | Flywheel ASM       | 35          | 127-4767           | 3           | Piston ASM (0.25 O S) |
| 14          | 125-6943           | 1           | Gear               | 37          | 127-4752           | 3           | Ring Set (0.25 O S)   |

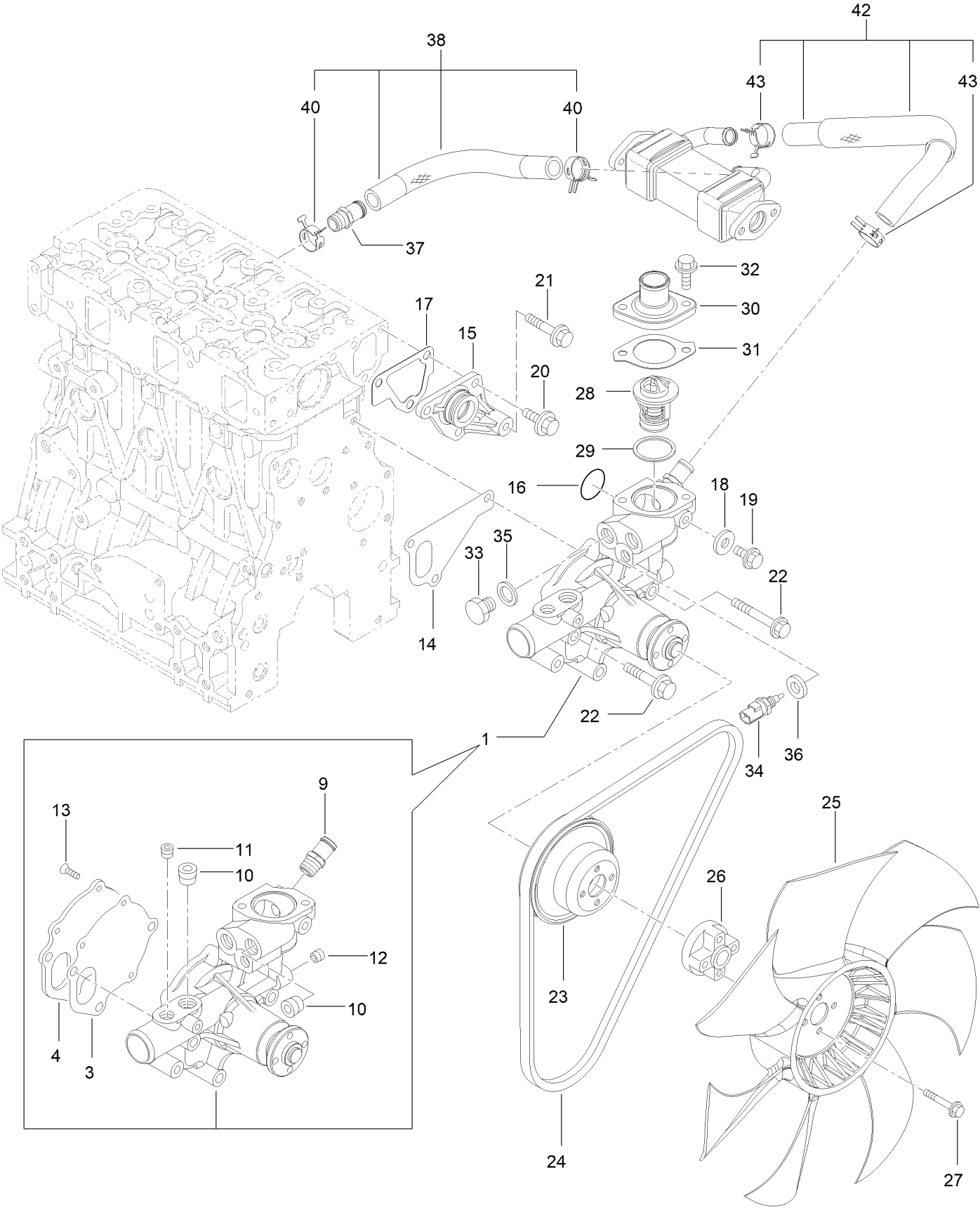
# Lubrication and Oil System Assembly



## Lubrication and Oil System 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           | 127-4753           | 1           | Oil Pump ASM       | 16          | 125-7024           | 1           | Gasket             |
| 2           | 127-3004           | 1           | Gasket             | 18          | 125-6990           | 1           | Joint              |
| 3           | 125-7232           | 4           | Bolt               | 19          | 125-7078           | 1           | Pipe ASM           |
| 4           | 125-7171           | 1           | Plug-Drain         | 20          | 125-7162           | 1           | Clip               |
| 5           | 125-6987           | 1           | Dipstick           | 22          | 125-7191           | 1           | Clamp-Hose         |
| 6           | 125-6954           | 1           | Guide-Dipstick     | 23          | 127-3804           | 1           | Pipe ASM           |
| 7           | 125-7022           | 1           | Gasket             | 24          | 125-7162           | 1           | Clip               |
| 8           | 127-3803           | 1           | Pipe ASM           | 26          | 127-3805           | 1           | Tube               |
| 9           | 125-7217           | 2           | Bolt               | 27          | 125-7191           | 1           | Clamp-Hose         |
| 10          | 125-7074           | 1           | Cooler ASM         | 28          | 125-7001           | 1           | Elbow              |
| 11          | 125-7075           | 1           | O-Ring             | 29          | 125-7595           | 3           | Bolt               |
| 12          | 125-7041           | 1           | Nut-Cooler, Oil    | 30          | 125-6918           | 1           | Switch-Oil         |
| 13          | 125-6989           | 1           | Bracket ASM        | 31          | 125-7025           | 1           | Filter-Engine, Oil |
| 15          | 125-7042           | 1           | Stud               |             |                    |             |                    |

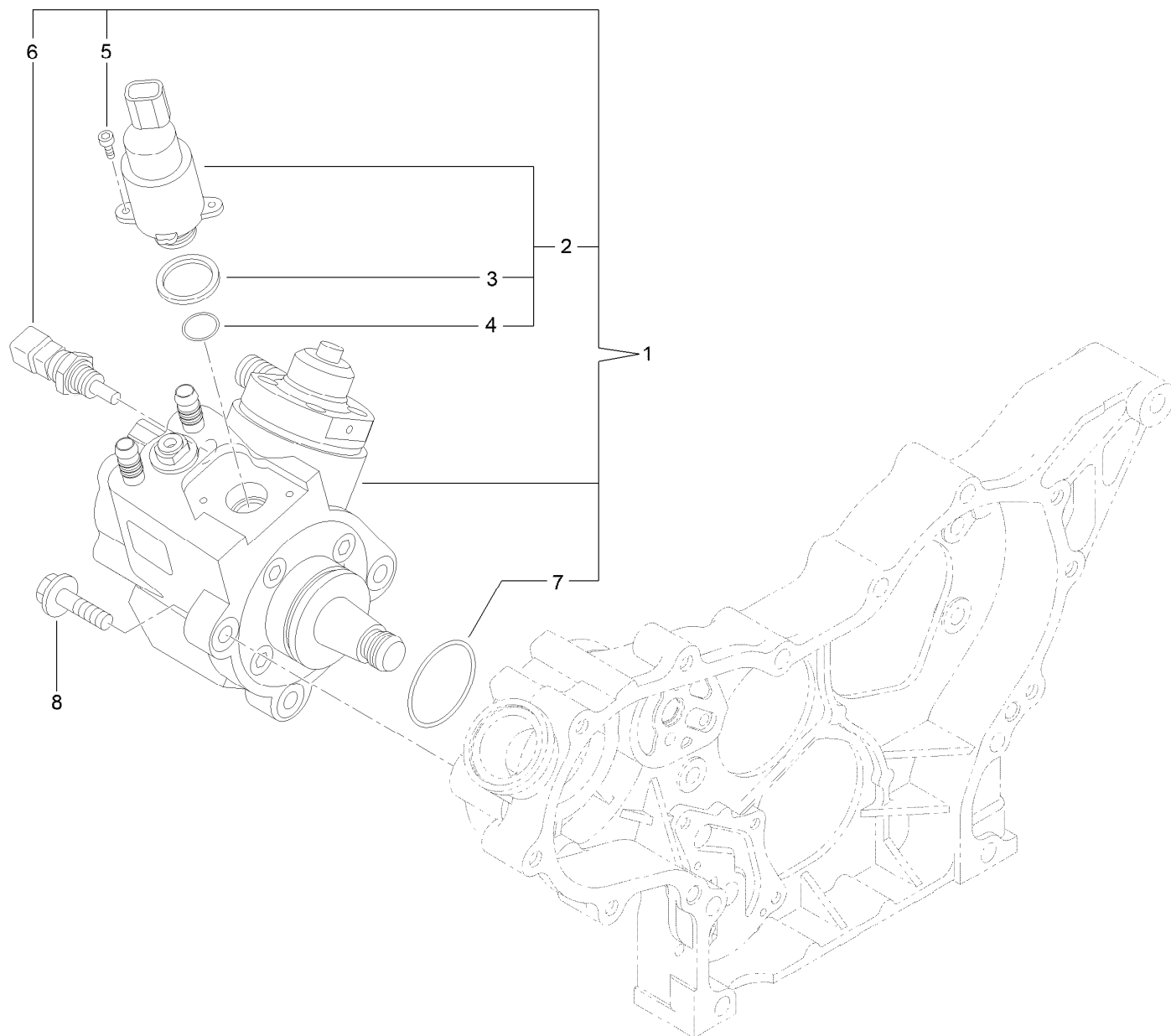
# Cooling System Assembly



## Cooling System 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           | 127-3071           | 1           | Water Pump ASM     | 24          | 127-2998           | 1           | V-Belt                |
| 3           | 125-6998           | 1           | Gasket             | 25          | 127-4713           | 1           | Fan                   |
| 4           | 125-6999           | 1           | Plate              | 26          | 127-4768           | 1           | Spacer                |
| 9           | 127-3017           | 1           | Joint              | 27          | 125-7211           | 4           | Bolt                  |
| 10          | 125-7123           | 2           | Plug               | 28          | 125-7029           | 1           | Thermostat            |
| 11          | 127-3175           | 1           | Plug               | 29          | 125-7026           | 1           | Gasket                |
| 12          | 125-7195           | 1           | Plug               | 30          | 125-7034           | 1           | Cover                 |
| 13          | 125-7234           | 3           | Screw              | 31          | 125-7110           | 1           | Gasket                |
| 14          | 125-7047           | 1           | Gasket             | 32          | 125-7594           | 2           | Bolt                  |
| 15          | 125-6986           | 1           | Joint              | 33          | 125-6953           | 1           | Plug                  |
| 16          | 125-7048           | 1           | O-Ring             | 34          | 125-7124           | 1           | Sensor-Thermostat, CW |
| 17          | 125-6978           | 1           | Gasket             | 35          | 125-6979           | 1           | Gasket                |
| 18          | 125-7192           | 1           | Gasket             | 36          | 125-7176           | 1           | Washer-Seal           |
| 19          | 93-0362            | 1           | Bolt               | 37          | 127-3017           | 1           | Joint                 |
| 20          | 100-6928           | 3           | Bolt               | 38          | 127-3072           | 1           | Water In Pipe ASM     |
| 21          | 125-7219           | 1           | Bolt               | 40          | 127-3020           | 2           | Clip-Hose             |
| 22          | 125-7222           | 3           | Bolt               | 42          | 127-3811           | 1           | CW Pipe ASM           |
| 23          | 125-7039           | 1           | V-Pulley           | 43          | 127-3020           | 2           | Clip-Hose             |

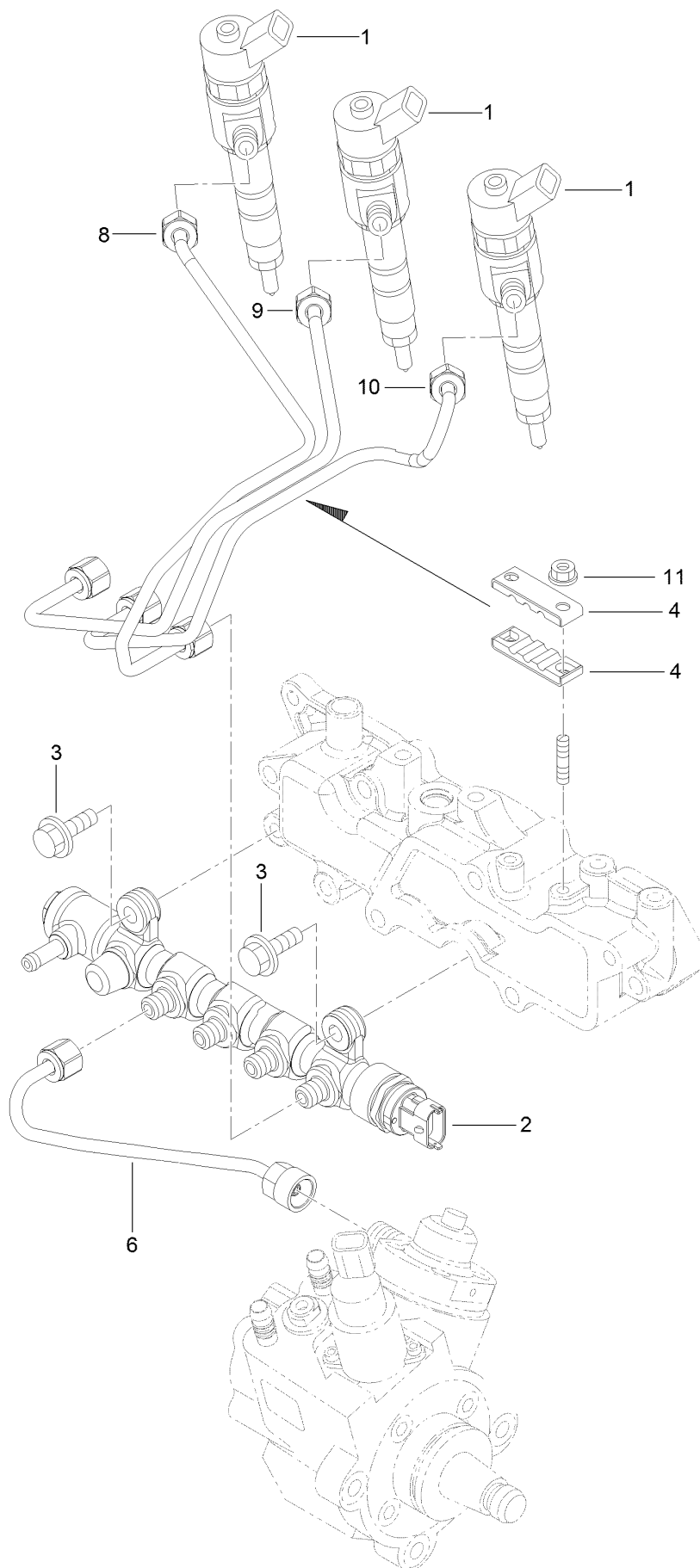
# Fuel System Assembly



## Fuel System 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           | 127-3073           | 1           | Fuel Pump ASM      | 5           | 131-2107           | 2           | Bolt               |
| 2           | 131-2103           | 1           | Valve ASM          | 6           | 131-2108           | 1           | Sensor-Temperature |
| 3           | 131-2105           | 3           | Ring-Sealing       | 7           | 127-3074           | 1           | O-Ring             |
| 4           | 131-2106           | 1           | O-Ring             | 8           | 125-7216           | 3           | Bolt               |

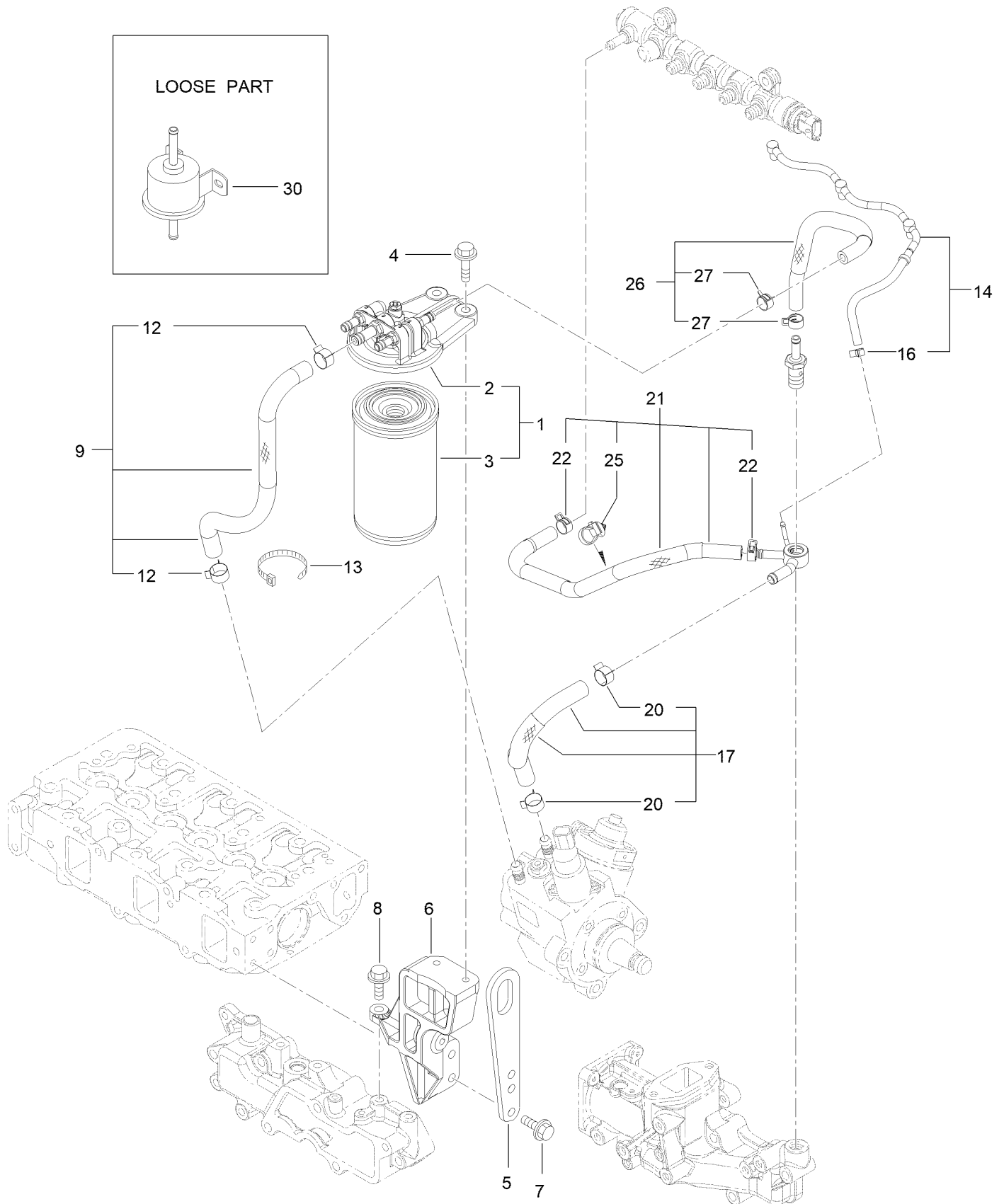
# Fuel Injection Valve Assembly



## Fuel Injection Valve 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           | 127-4754           | 3           | Injector ASM       | 8           | 127-3814           | 1           | Injection Pipe ASM |
| 2           | 127-3812           | 1           | Rail ASM           | 9           | 127-3083           | 1           | Injection Pipe ASM |
| 3           | 125-7215           | 2           | Bolt               | 10          | 127-3084           | 1           | Injection Pipe ASM |
| 4           | 127-3813           | 2           | Retainer           | 11          | 125-7231           | 2           | Nut                |
| 6           | 127-3082           | 1           | Rail In Pipe ASM   |             |                    |             |                    |

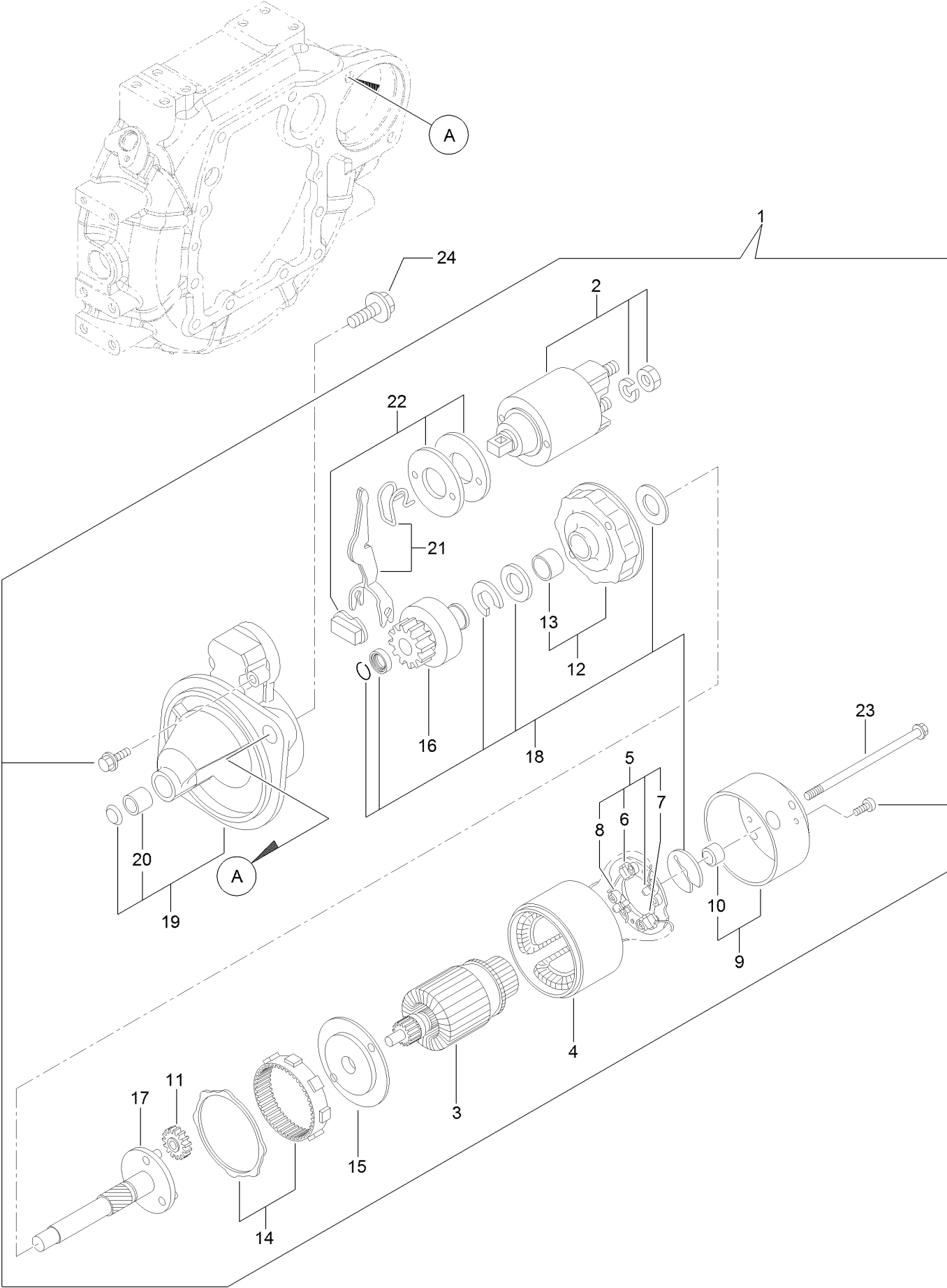
## Fuel Line Assembly



## Fuel Line 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           | 127-3075           | 1           | Fuel/Oil Filter ASM         | 14          | 127-3816           | 1           | Fuel/Oil Return Pipe ASM |
| 2           | 127-3076           | 1           | Fuel/Oil Filter Bracket ASM | 16          | 127-3172           | 1           | Clamp-Hose               |
| 3           | 125-8752           | 1           | Filter-Fuel/Oil             | 17          | 127-3078           | 1           | Fuel Pipe ASM            |
| 4           | 125-7216           | 2           | Bolt                        | 20          | 125-7191           | 2           | Clamp-Hose               |
| 5           | 125-7111           | 1           | Lifter                      | 21          | 127-3817           | 1           | Fuel Pipe ASM            |
| 6           | 127-3815           | 1           | Filter Bracket ASM          | 22          | 127-2950           | 2           | Clip-Hose                |
| 7           | 125-7215           | 2           | Bolt                        | 25          | 127-3087           | 1           | Band-Clip                |
| 8           | 125-7215           | 1           | Bolt                        | 26          | 127-3079           | 1           | Fuel Pipe ASM            |
| 9           | 127-3077           | 1           | Fuel Pipe ASM               | 27          | 127-2950           | 2           | Clip-Hose                |
| 12          | 125-7191           | 2           | Clamp-Hose                  | 30          | 121-5613           | 1           | Pump-Fuel, Electric      |
| 13          | 127-2981           | 1           | Band                        |             |                    |             |                          |

# Starting Motor Assembly

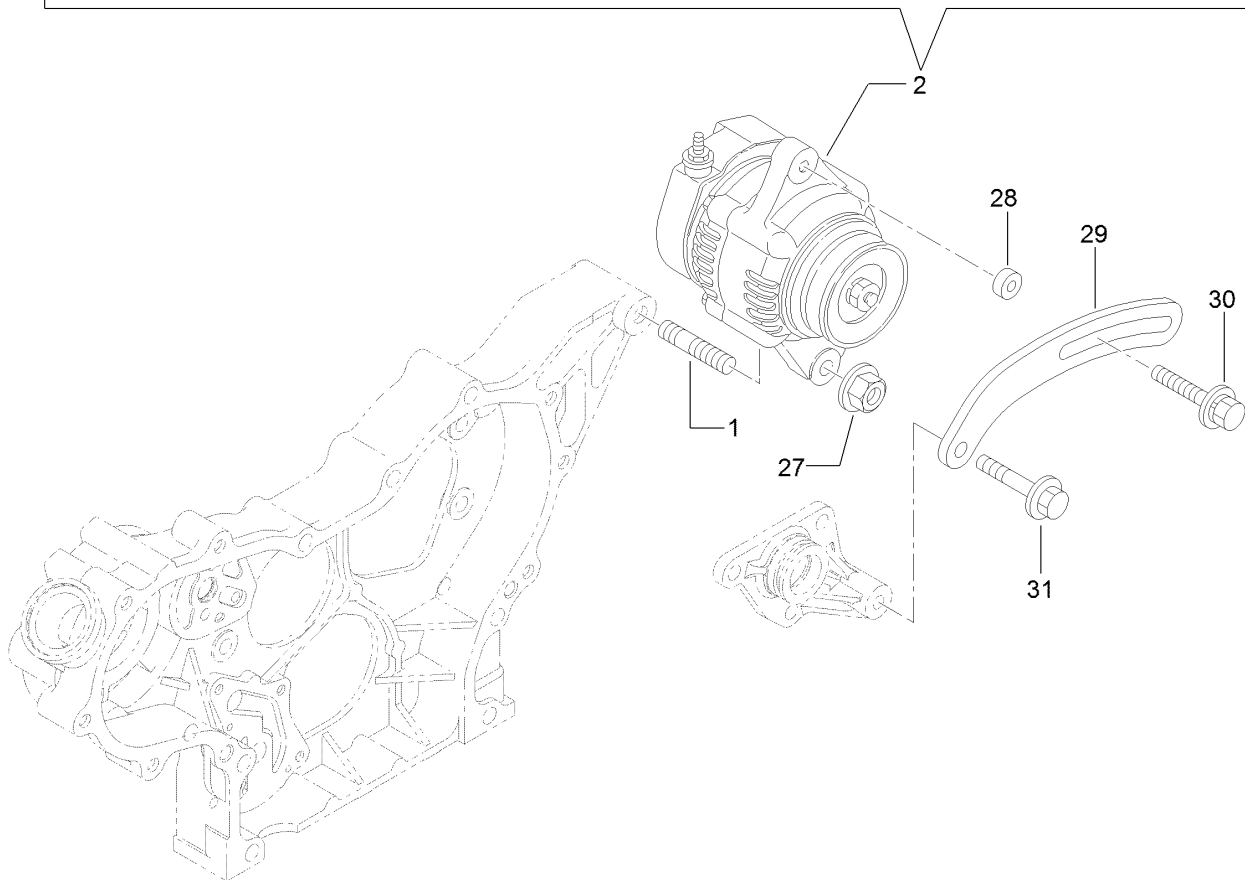
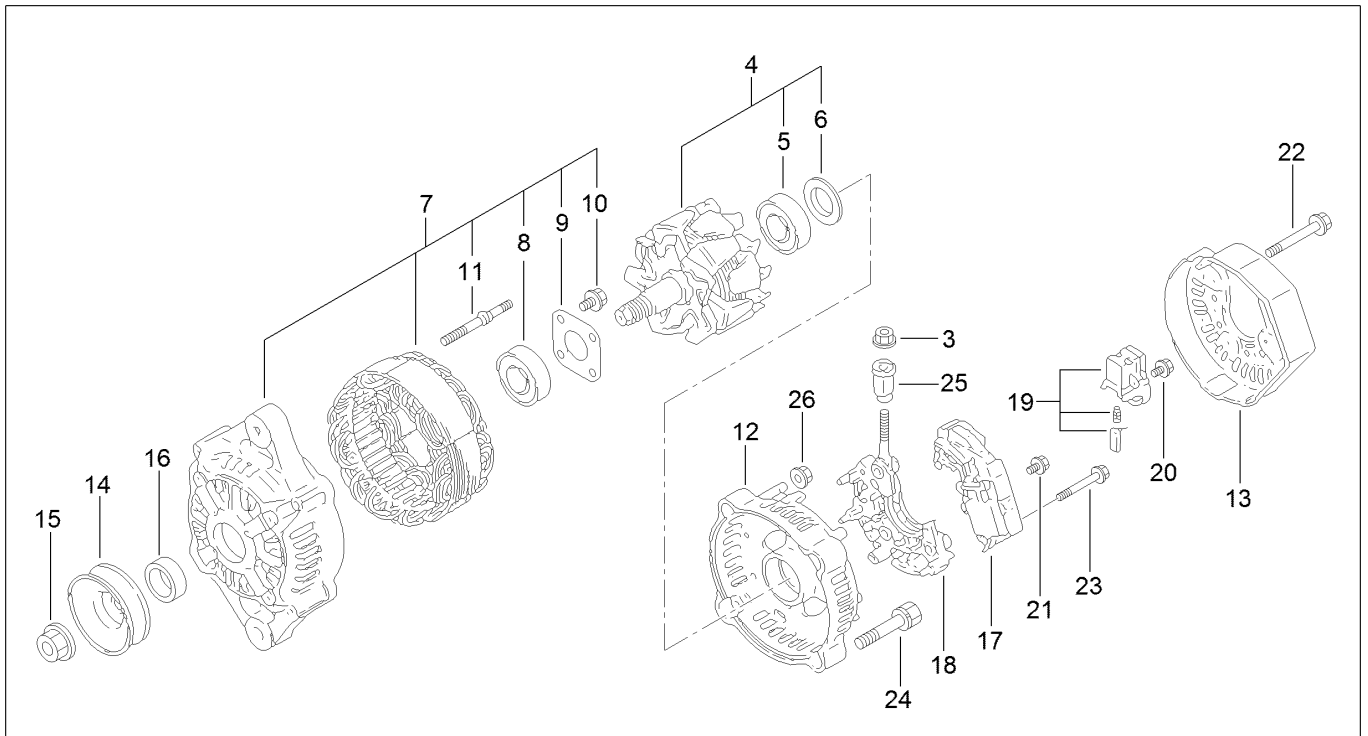


## Starting Motor Assembly (continued)

| <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               |

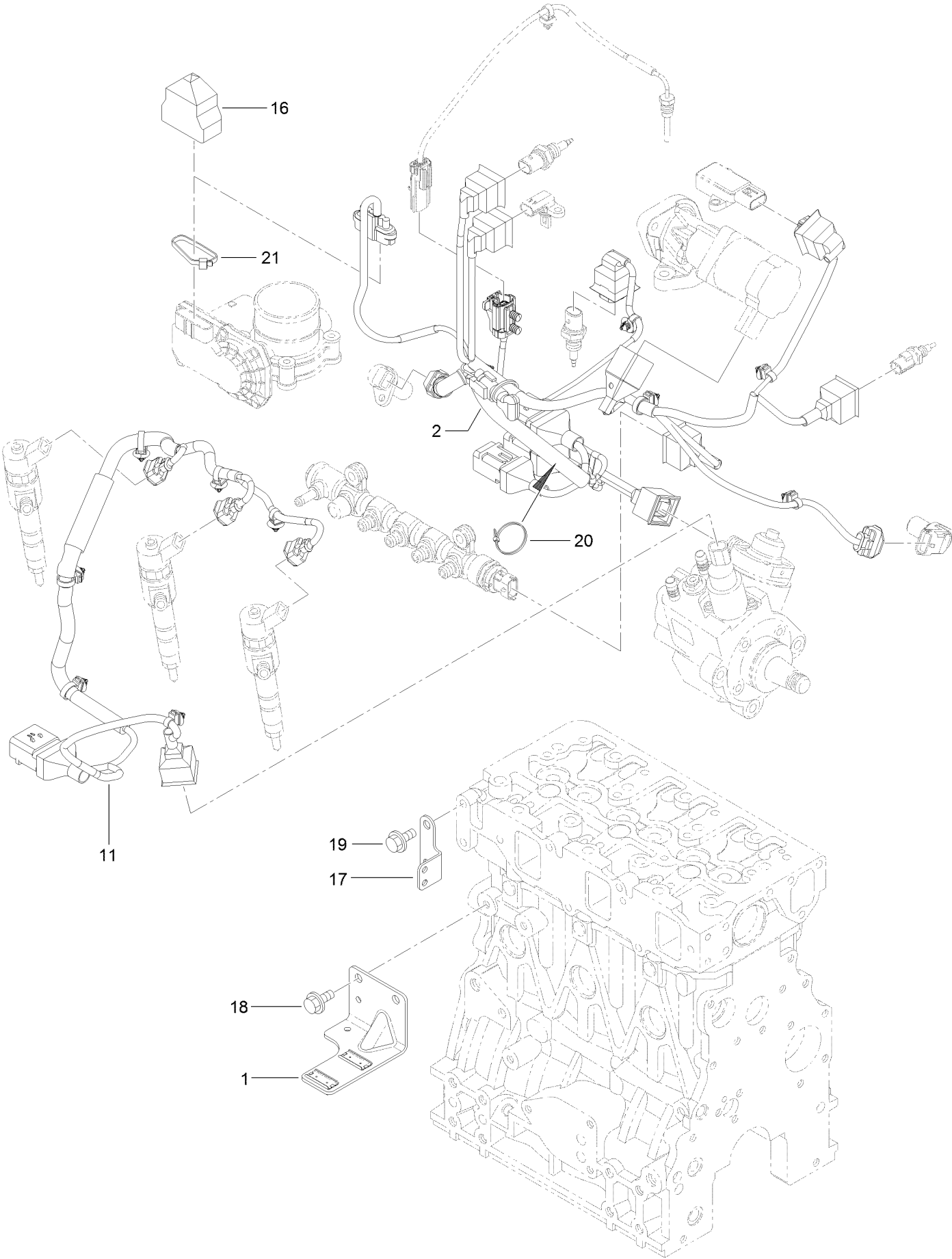
# Generator Assembly



## Generator 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           | 127-3011           | 1           | Stud               | 17          | 127-3847           | 1           | Regulator ASM      |
| 2           | 127-3841           | 1           | Generator          | 18          | 127-3848           | 1           | Holder             |
| 3           | 127-3190           | 1           | Nut                | 19          | 127-2993           | 1           | Holder             |
| 4           | 127-3843           | 1           | Rotor ASM          | 20          | 127-2965           | 6           | Screw              |
| 5           | 127-2983           | 1           | Bearing-Ball       | 21          | 127-2966           | 1           | Screw              |
| 6           | 127-2962           | 1           | Cover              | 22          | 127-2967           | 3           | Bolt               |
| 7           | 127-3844           | 1           | Frame ASM          | 23          | 127-2968           | 2           | Screw              |
| 8           | 127-2958           | 1           | Bearing-Ball       | 24          | 127-2969           | 2           | Bolt               |
| 9           | 127-2959           | 1           | Plate-Retainer     | 25          | 127-2970           | 1           | Bushing-Insulation |
| 10          | 127-2960           | 4           | Screw              | 26          | 127-2971           | 2           | Nut                |
| 11          | 127-2961           | 2           | Stud               | 27          | 125-7230           | 1           | Nut                |
| 12          | 127-3845           | 1           | Frame              | 28          | 125-6947           | 1           | Spacer             |
| 13          | 127-3846           | 1           | Cover              | 29          | 127-2977           | 1           | Adjuster           |
| 14          | 127-2954           | 1           | Pulley             | 30          | 125-7134           | 1           | Bolt               |
| 15          | 127-2955           | 1           | Nut                | 31          | 125-7219           | 1           | Bolt               |
| 16          | 127-2957           | 1           | Collar             |             |                    |             |                    |

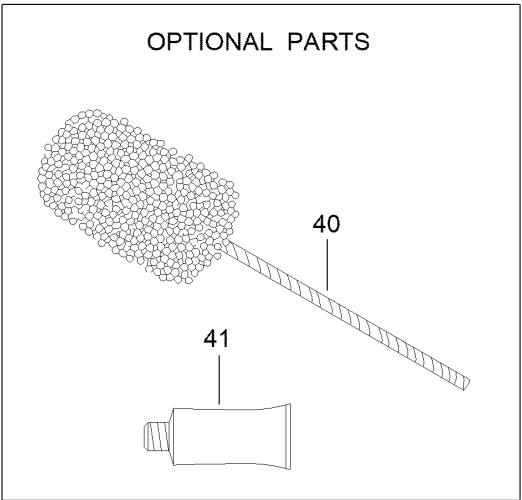
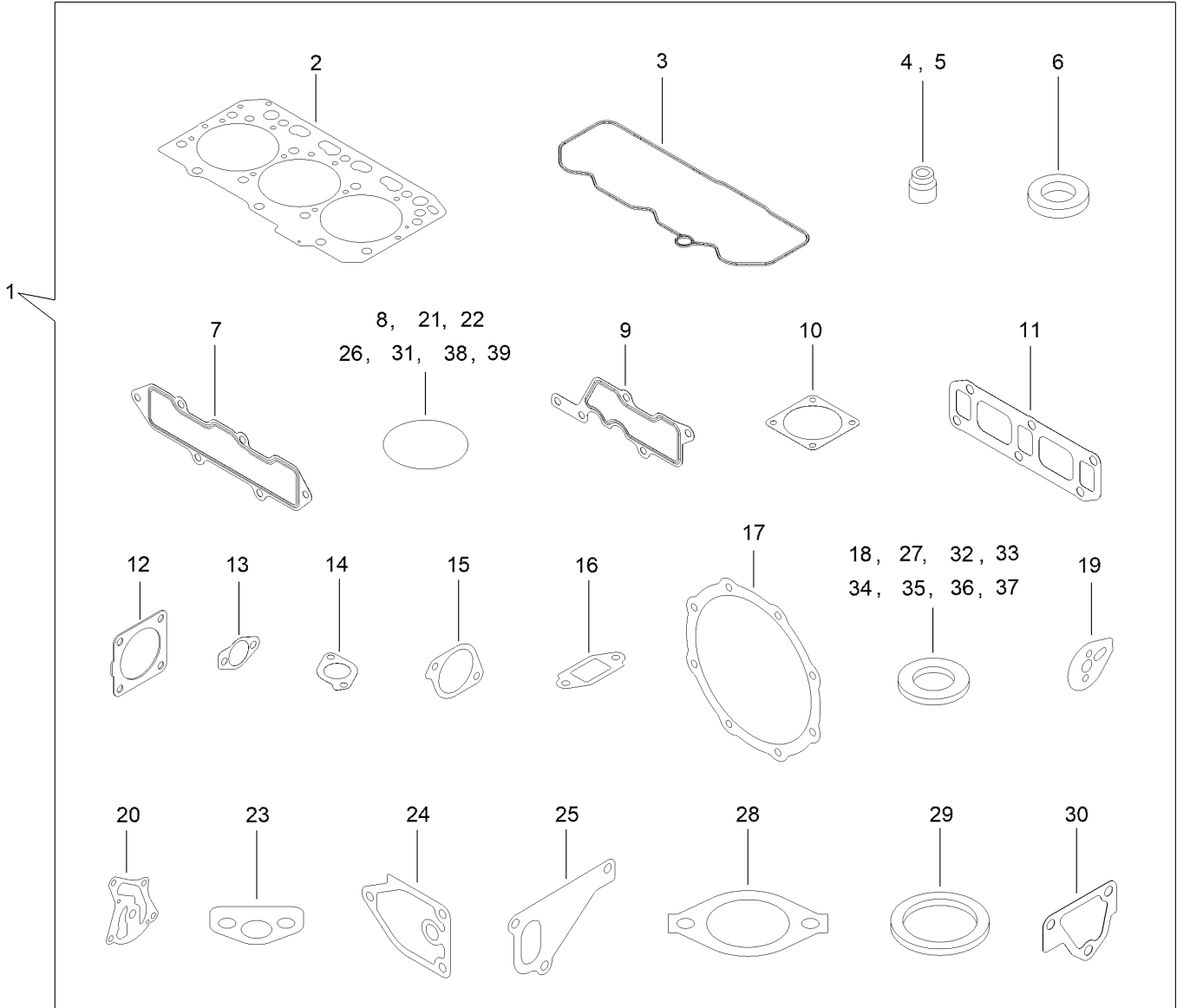
# Electric Parts Assembly



## Electric Parts 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           | 127-3086           | 1           | Bracket-Connector  | 18          | 93-0362            | 2           | Bolt               |
| 2           | 127-4755           | 1           | Harness            | 19          | 93-0362            | 2           | Bolt               |
| 11          | 130-7438           | 1           | Harness            | 20          | 127-3187           | 1           | Band               |
| 16          | 127-3089           | 1           | Boot-Type, Cap     | 21          | 127-3188           | 1           | Band               |
| 17          | 127-3090           | 1           | Bracket-Harness    |             |                    |             |                    |

# Gasket Set



## Gasket Set (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           | 127-4776           | 1           | Gasket Kit                 | 22          | 127-2973           | 1           | O-Ring             |
| 2           | 127-4716           | 1           | Head Gasket ASM            | 23          | 125-7022           | 1           | Gasket             |
| 3           | 127-3856           | 1           | Gasket-Valve Cover         | 24          | 125-7024           | 1           | Gasket             |
| 4           | 127-2986           | 3           | Seal-Stem, Valve           | 25          | 125-7047           | 1           | Gasket             |
| 5           | 127-3027           | 3           | Seal-Stem, Valve           | 26          | 125-7048           | 1           | O-Ring             |
| 6           | 127-3021           | 3           | Gasket-Injector            | 27          | 125-6979           | 1           | Gasket             |
| 7           | 127-3857           | 1           | Gasket-Manifold, Intake    | 28          | 125-7110           | 1           | Gasket             |
| 8           | 127-3033           | 1           | O-Ring                     | 29          | 125-7026           | 1           | Gasket             |
| 9           | 127-3034           | 1           | Gasket-Collector           | 30          | 125-6978           | 1           | Gasket             |
| 10          | 127-3037           | 2           | Gasket-Throttle            | 31          | 127-3074           | 1           | O-Ring             |
| 11          | 127-3775           | 1           | Gasket-Manifold, Exhaust   | 32          | 125-7174           | 1           | Washer-Seal        |
| 12          | 127-3019           | 1           | Gasket                     | 33          | 125-7176           | 1           | Washer-Seal        |
| 13          | 127-3043           | 2           | Gasket-Cooler, E G R       | 34          | 127-3166           | 2           | Washer-Seal        |
| 14          | 127-3016           | 1           | Gasket                     | 35          | 125-7177           | 1           | Washer-Seal        |
| 15          | 127-3050           | 1           | Gasket-Intake Valve, E G R | 36          | 125-7192           | 1           | Gasket             |
| 16          | 127-3051           | 1           | Gasket-Out Valve, E G R    | 37          | 127-3174           | 2           | Gasket             |
| 17          | 127-3859           | 2           | Gasket-D P F               | 38          | 93-0418            | 3           | O-Ring             |
| 18          | 127-3056           | 4           | Gasket-Sensor              | 39          | 125-7197           | 2           | O-Ring             |
| 19          | 127-3069           | 1           | Gasket-Idle, Shaft B       | 40          | 127-3000           | 1           | Hone               |
| 20          | 127-3004           | 1           | Gasket                     | 41          | 125-7248           | 1           | Gasket-Liquid      |
| 21          | 125-6909           | 2           | O-Ring                     |             |                    |             |                    |

# Attachments and Accessories

## For 03952 — Reelmaster 5410-D Traction Unit

| Product Name                                                                                                      | Model/Part |
|-------------------------------------------------------------------------------------------------------------------|------------|
| CrossTrax All-Wheel Drive Kit, Reelmaster 5010-H, 5410-D, or 5510-D Series Traction Unit .....                    | 03645      |
| Air Ride Seat Suspension Kit .....                                                                                | 03667      |
| Premium Engine Oil 10w30 (55 Gallon Drum) .....                                                                   | 121-6392   |
| Hi-Back Seat Cover .....                                                                                          | 133-1308   |
| Turf Evaluator .....                                                                                              | 04399      |
| Premium Engine Oil 10w30 (5 Gallon Pail) .....                                                                    | 121-6393   |
| PX Hydraulic Fluid (55 Gal).....                                                                                  | 133-8087   |
| Brush and Handle Kit.....                                                                                         | 29-9100    |
| 5 Inch Reel Verticutter .....                                                                                     | 03618      |
| PX Hydraulic Fluid (5 Gal) .....                                                                                  | 133-8086   |
| 8-Blade EdgeSeries Radial Reel DPA Cutting Unit with 5in Reel, Reelmaster 5010 Series Traction Unit .....         | 03621      |
| 11-Blade EdgeSeries Forward Swept Reel DPA Cutting Unit with 5in Reel, Reelmaster 5010 Series Traction Unit ..... | 03623      |
| Premium Synthetic Bio-Degradable Hydraulic Fluid (5 Gallon Pail) .....                                            | 119-2157   |
| Premium Synthetic Bio-Degradable Hydraulic Fluid (55 Gallon Drum).....                                            | 119-2158   |
| Premium All Purpose Grease (Tube) .....                                                                           | 108-1190   |
| 5in Air Cleaner Safety Element.....                                                                               | 114-4057   |
| MVP Kit 1000 Hour-rm5x10/gm4300 Yanmar .....                                                                      | 145-2580   |
| MVP Kit-Hyd Hose.....                                                                                             | 145-2576   |
| Wheel Weight Kit .....                                                                                            | 104-1478   |
| Spark Arrestor .....                                                                                              | 98-9099    |
| Rear Lift Cylinder Limit Kit .....                                                                                | 110-9604   |
| EU Light Kit.....                                                                                                 | 31579      |
| Smooth Front Tire .....                                                                                           | 133-2940   |
| Smooth Rear Tire .....                                                                                            | 127-2796   |
| Pin and Lanyard Asm .....                                                                                         | 136-8045   |
| White Universal Sunshade .....                                                                                    | 30669      |
| Red Universal Sunshade .....                                                                                      | 30671      |
| Operator Cooling Fan .....                                                                                        | 03247      |
| Switch Panel-Universal Sunshade.....                                                                              | 03248      |
| Beacon Kit .....                                                                                                  | 138-2699   |
| Work Lights Kit, Groundsmaster and Reelmaster Traction Units with Universal Sunshade.....                         | 140-1554   |
| Power Harness Kit (RM5XXX).....                                                                                   | 138-2994   |
| Operator Golf Ball Guard, Reelmaster 3100/3500/5010 or Groundsmaster 3500/4300 Series Traction Unit .....         | 03614      |
| 22in 5in 11 Bld (rr) Dpa Cu (5010).....                                                                           | 03624      |
| Fuel Cooler Kit [yanmar Rm5x10, Gm4300] .....                                                                     | 139-6040   |
| Semi-Gloss Black Spray Paint .....                                                                                | 361-9      |
| Dark Metallic Gray Aerosol Paint .....                                                                            | 361-12     |
| New Red Paint - Gallon .....                                                                                      | 361-11     |
| Air Dry Red Paint - Qt .....                                                                                      | 5340       |

**Notes:**



**Count on it.**