



**Count on it.**

Form No. 3424-923 Rev A

# Parts Catalog

## Groundsmaster® 7210 Series Traction Unit

Model No. 30695—Serial No. 403330001 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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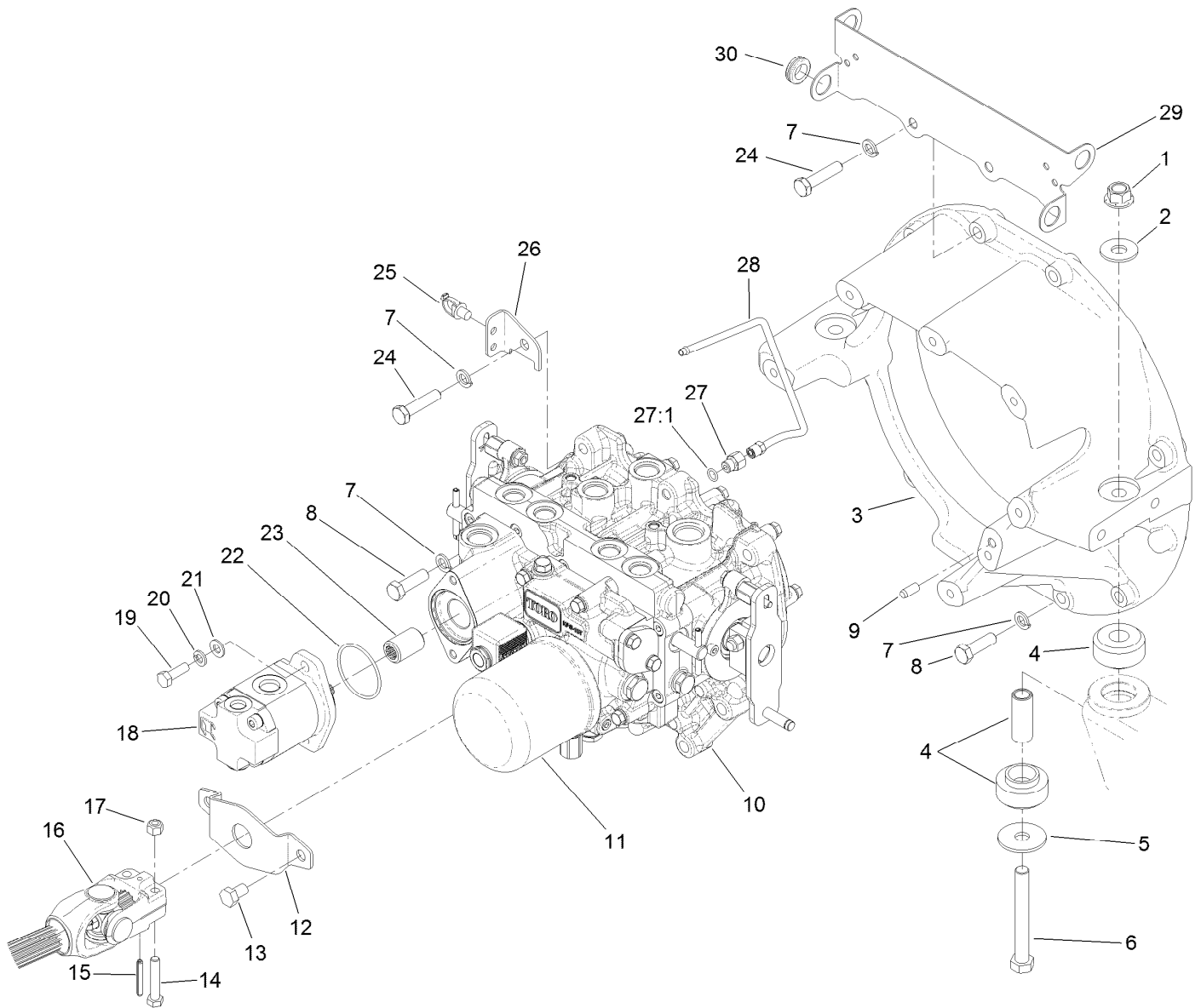
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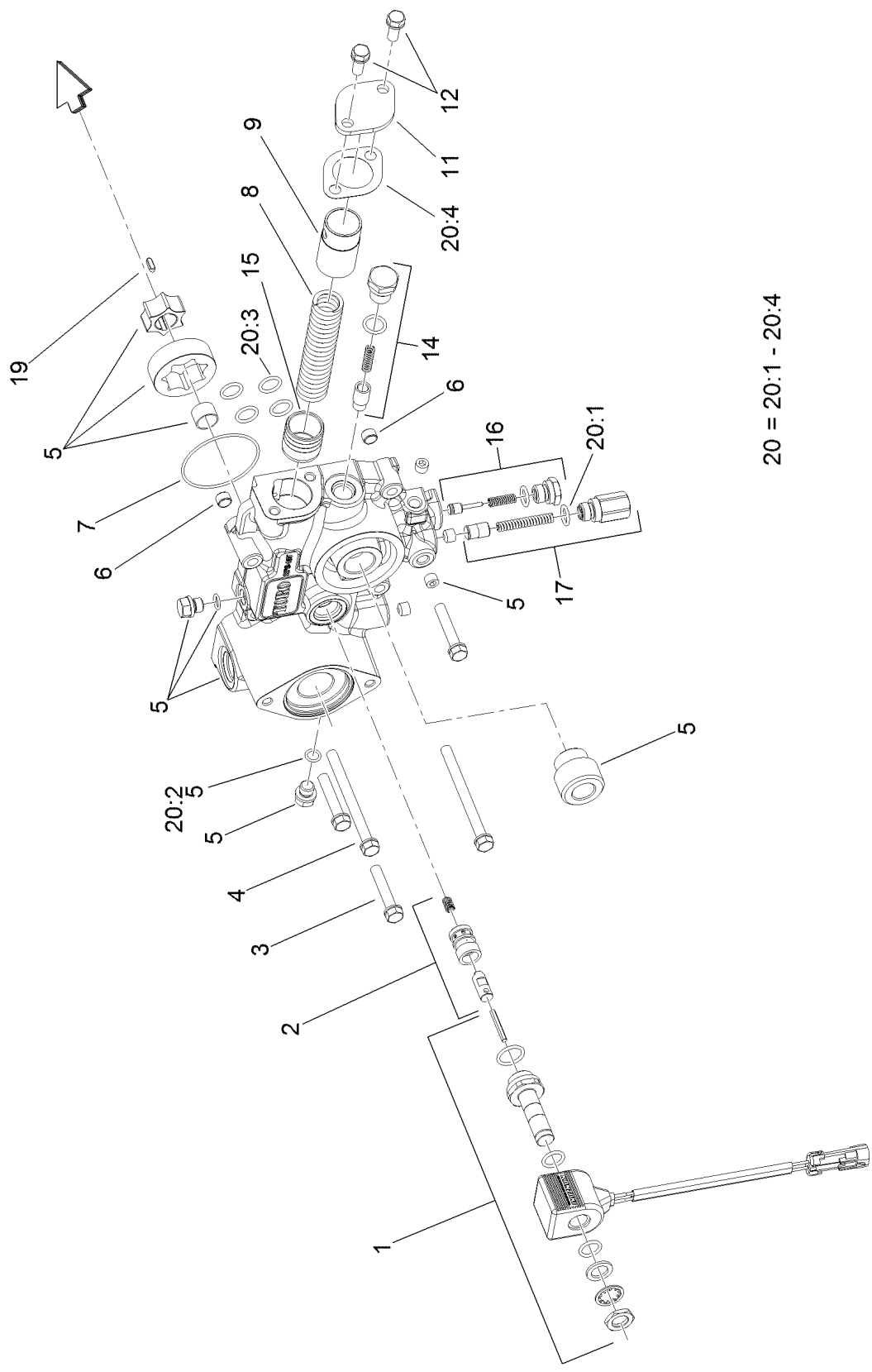
# Transmission Assembly



## Transmission 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           | 99-5107            | 2           | Nut-Lock           | 17          | 3296-29            | 4           | Nut-Lock, NI         |
| 2           | 3256-6             | 2           | Washer-Flat        | 18          | 112-9542           | 1           | HYD Gear Pump ASM    |
| 3           | 125-2836           | 1           | Housing-Flywheel   | 19          | 33114-025          | 2           | Screw-HH             |
| 4           | 120-9168           | 2           | Mount-Rubber       | 20          | 3253-4             | 2           | Washer-Lock          |
| 5           | 86-1990            | 2           | Washer-Thrust      | 21          | 3256-23            | 2           | Washer-Plain         |
| 6           | 325-17             | 2           | Screw-HH           | 22          | 108-9919           | 1           | O-Ring               |
| 7           | 48-9590            | 16          | Washer-Lock        | 23          | 108-9920           | 1           | Coupler-Spline       |
| 8           | 33115-035          | 3           | Screw-HH           | 24          | 33115-045          | 13          | Screw-HH             |
| 9           | 87-1910            | 2           | Pin-Dowel          | 25          | 32180-030          | 1           | Clip-Tie             |
| 10          | 131-5510           | 1           | Transmisson ASM    | 26          | 120-0239           | 1           | Support-Tube         |
| 11          | 108-5194           | 1           | Filter-Oil, HYD    | 27          | 110-5536           | 1           | Fitting-HYD, Adapter |
| 12          | 114-4088           | 1           | Shield-Seal        | 27:1        | 237-78             | 1           | O-Ring               |
| 13          | 33115-016          | 2           | Screw-HH           | 28          | 110-5537           | 1           | Tube                 |
| 14          | 322-9              | 4           | Screw-HH           | 29          | 131-5526-03        | 1           | Bracket-Guide        |
| 15          | 32121-34           | 2           | Pin-Roll           | 30          | 240-3              | 2           | Grommet-Rubber       |
| 16          | 110-3575           | 1           | Driveshaft ASM     |             |                    |             |                      |

# **Charge Pump Housing Assembly** **Transmission Assembly No. 131-5510**



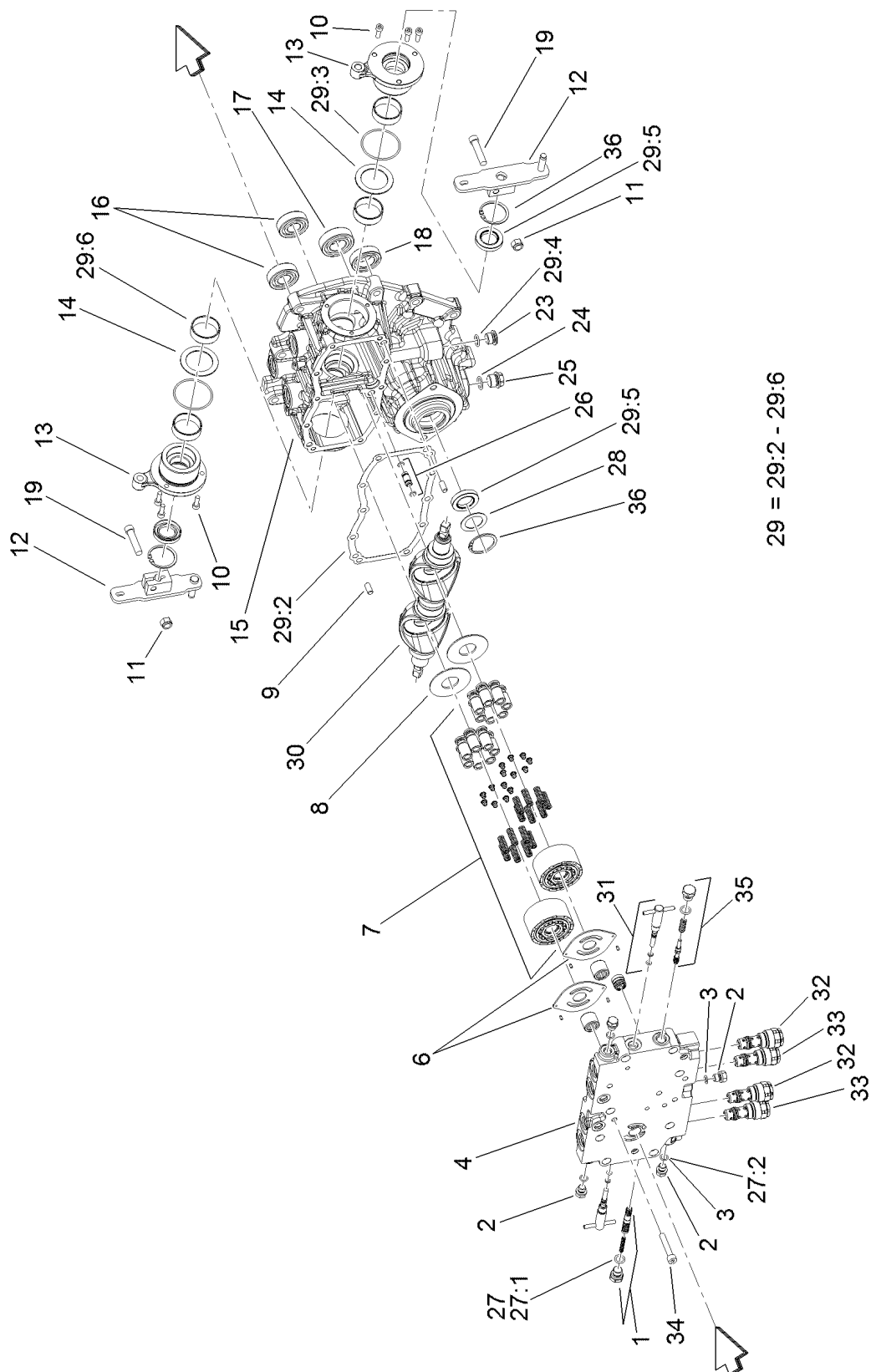
# Charge Pump Housing Assembly

## Transmission Assembly No. 131-5510 (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           | 107-0851           | 1           | Solenoid ASM        | 14          | 107-0843           | 1           | Filter Bypass Valve ASM |
| 2           | 107-0850           | 1           | Solenoid Valve ASM  | 15          | 107-0818           | 1           | Piston                  |
| 3           | 107-0863           | 3           | Bolt                | 16          | 107-0842           | 1           | Charge Relief Valve ASM |
| 4           | 107-0864           | 2           | Bolt                | 17          | 107-0841           | 1           | Pressure Valve ASM      |
| 5           | 107-0840           | 1           | Pump Body ASM       | 19          | 107-0865           | 1           | Key                     |
| 6           | 107-0848           | 2           | Pin                 | 20          | 107-0855           | 1           | Charge Pump Seal Kit    |
| 7           | 107-0856           | 1           | O-Ring              | 20:1        | 93-0418            | 2           | O-Ring                  |
| 8           | 107-0845           | 1           | Spring              | 20:2        | 107-0817           | 2           | O Ring-Plug             |
| 9           | 107-0844           | 1           | Collar              | 20:3        | 104-3298           | 6           | Packing                 |
| 11          | 107-0846           | 1           | Cover               | 20:4        | 107-0847           | 1           | Gasket                  |
| 12          | 93-0457            | 2           | Bolt And Washer ASM |             |                    |             |                         |

# Center Section Assembly

## Transmission Assembly No. 131-5510



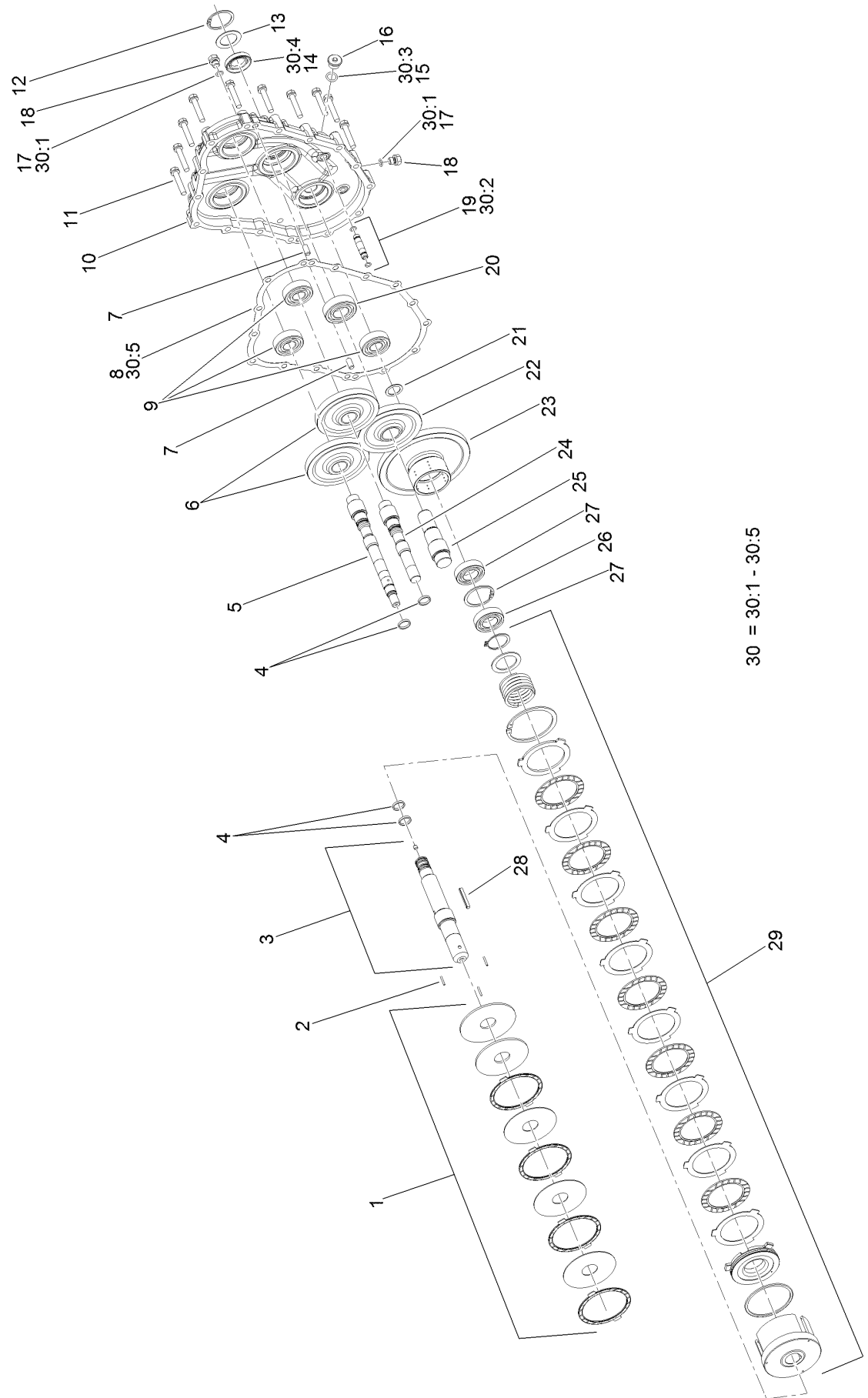
29 = 29:2 - 29:6

# Center Section Assembly

## Transmission Assembly No. 131-5510 (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           | 107-0807           | 1           | Valve-Flushing, RH    | 25          | 107-0867           | 1           | Plug                  |
| 2           | 107-0857           | 6           | Plug                  | 26          | 107-0812           | 1           | Pipe                  |
| 3           | 107-0817           | 6           | O Ring-Plug           | 27          | 107-0852           | 1           | Center Case Seal Kit  |
| 4           | 121-3377           | 1           | Center Case, Complete | 27:1        | 93-0418            | 2           | O-Ring                |
| 6           | 107-0805           | 2           | Plate-Valve           | 27:2        | 107-0817           | 6           | O Ring-Plug           |
| 7           | 107-0824           | 2           | Cylinder Block ASM    | 28          | 107-0813           | 1           | Spacer                |
| 8           | 107-0830           | 2           | Plate-Thrust          | 29          | 107-0853           | 1           | Pump Housing Seal Kit |
| 9           | 92-0765            | 4           | Pin-Parallel          | 29:2        | 107-0810           | 1           | Gasket-Case, Center   |
| 10          | 107-0859           | 6           | Bolt                  | 29:3        | 107-0817           | 2           | O Ring-Plug           |
| 11          | 120-6681           | 2           | U-Nut                 | 29:4        | 104-3298           | 1           | Packing               |
| 12          | 120-6680           | 2           | Arm-Control           | 29:5        | 107-0814           | 3           | Seal                  |
| 13          | 107-0832           | 2           | Side Cover ASM        | 29:6        | 107-0825           | 4           | Ring-Seal             |
| 14          | 107-0829           | 2           | Washer                | 30          | 120-6679           | 2           | Plate-Swash           |
| 15          | 120-5151           | 1           | Pump Housing ASM      | 31          | 107-0808           | 2           | Valve-Bypass          |
| 16          | 107-0826           | 2           | Bearing               | 32          | 107-0804           | 2           | Valve-Rear            |
| 17          | 107-0821           | 1           | Bearing               | 33          | 107-0803           | 2           | Valve-Front           |
| 18          | 107-0838           | 1           | Bearing               | 34          | 107-0863           | 8           | Bolt                  |
| 19          | 120-6682           | 2           | Bolt                  | 35          | 107-0806           | 1           | Valve-Flushing, LH    |
| 23          | 107-0861           | 1           | Plug-NPTF             | 36          | 92-0757            | 2           | Ring-Snap             |
| 24          | 237-79             | 1           | O-Ring                |             |                    |             |                       |

# **Gear Case and Clutch Assembly** **Transmission Assembly No. 131-5510**



# Gear Case and Clutch Assembly

## Transmission Assembly No. 131-5510 (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           | 107-0839           | 1           | PTO Brake ASM        | 19          | 107-0811           | 1           | Pipe                  |
| 2           | 107-0837           | 3           | Rod-Push             | 20          | 107-0821           | 2           | Bearing               |
| 3           | 107-0833           | 1           | PTO Shaft ASM        | 21          | 107-0836           | 1           | Spacer                |
| 4           | 107-0825           | 2           | Ring-Seal            | 22          | 107-0820           | 1           | Gear-Input            |
| 5           | 107-0827           | 1           | Shaft-Pump           | 23          | 107-0834           | 1           | Gear-PTO              |
| 6           | 107-0823           | 2           | Gear-Pump            | 24          | 107-0822           | 1           | Shaft-Pump            |
| 7           | 92-0765            | 4           | Pin-Parallel         | 25          | 107-0819           | 1           | Shaft-Input           |
| 8           | 107-0816           | 1           | Gasket-Housing, Gear | 26          | 92-0758            | 1           | Ring-Snap             |
| 9           | 107-0826           | 4           | Bearing              | 27          | 107-0838           | 3           | Bearing               |
| 10          | 120-5152           | 1           | Housing-Case, Gear   | 28          | 107-0866           | 1           | Key                   |
| 11          | 107-0863           | 13          | Bolt                 | 29          | 107-0835           | 1           | Clutch Cylinder ASM   |
| 12          | 92-0757            | 1           | Ring-Snap            | 30          | 107-0854           | 1           | Gear Housing Seal Kit |
| 13          | 107-0813           | 1           | Spacer               | 30:1        | 107-0817           | 2           | O Ring-Plug           |
| 14          | 107-0814           | 1           | Seal                 | 30:2        |                    | 2           | O-Ring ●              |
| 15          | 104-3298           | 1           | Packing              | 30:3        | 104-3298           | 1           | Packing               |
| 16          | 107-0861           | 1           | Plug-NPTF            | 30:4        | 107-0814           | 1           | Seal                  |
| 17          | 107-0817           | 6           | O Ring-Plug          | 30:5        | 107-0816           | 1           | Gasket-Housing, Gear  |
| 18          | 107-0857           | 6           | Plug                 |             |                    |             |                       |

● Not serviced separately



## Driveshaft Assembly No. 110-3575

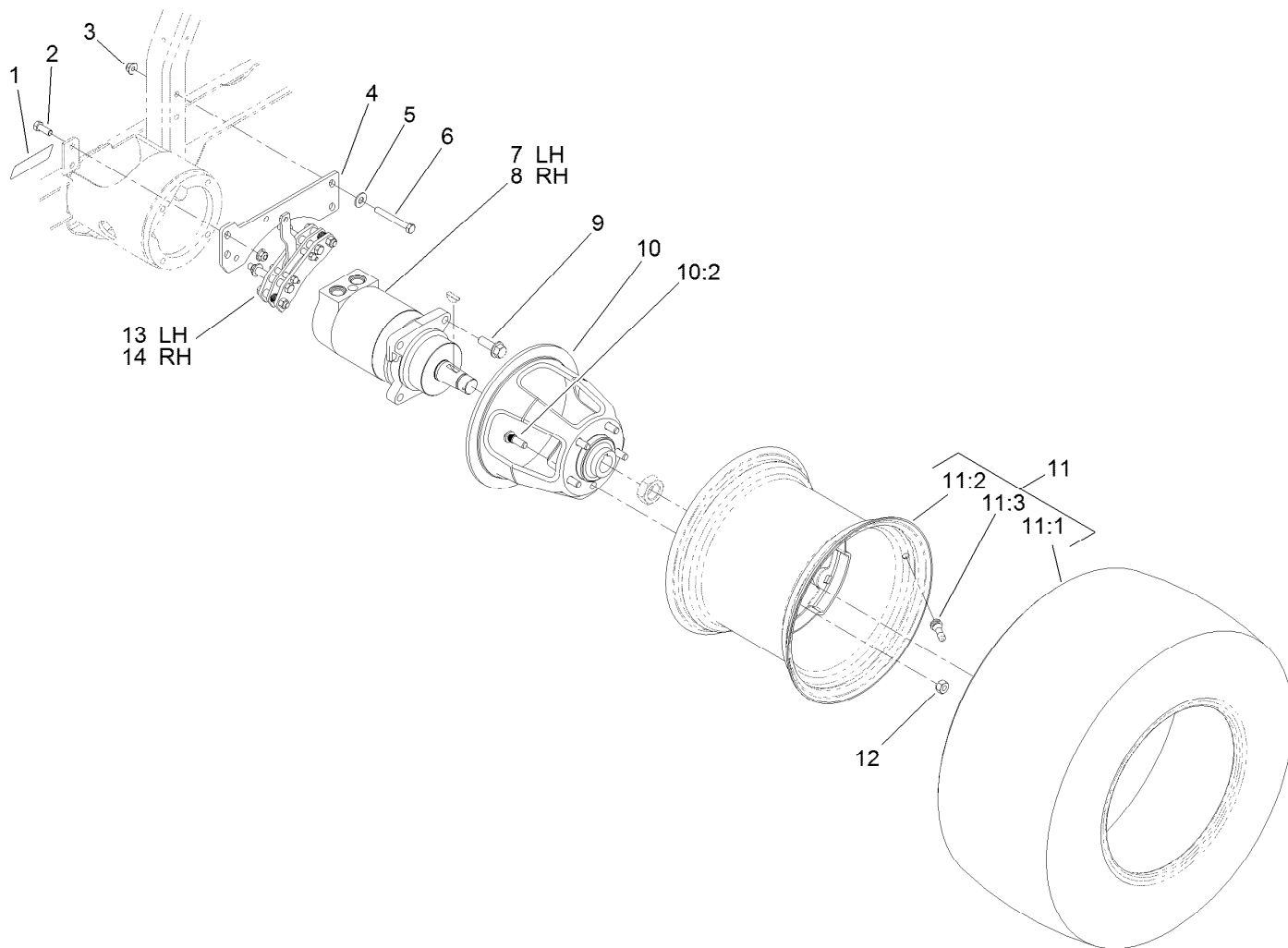
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 112-1687    | 2    | Cross And Bearing Kit |
| 1:1  | 62-3820     | 1    | Fitting-Grease        |
| 3    | 54-9040     | 1    | Yoke-End              |
| 4    | 54-9090     | 1    | Yoke-End              |
| 5    |             | 1    | Tube-Yoke, Slip ●     |
| 5:1  | 302-22      | 1    | Fitting-Grease        |

● Not serviced separately



## Hydraulic Gear Pump Assembly No. 112-9542

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 112-0198           | 1           | Valve              |
| 2           | 112-0199           | 1           | Seal Kit           |



## Rear Drive Assembly

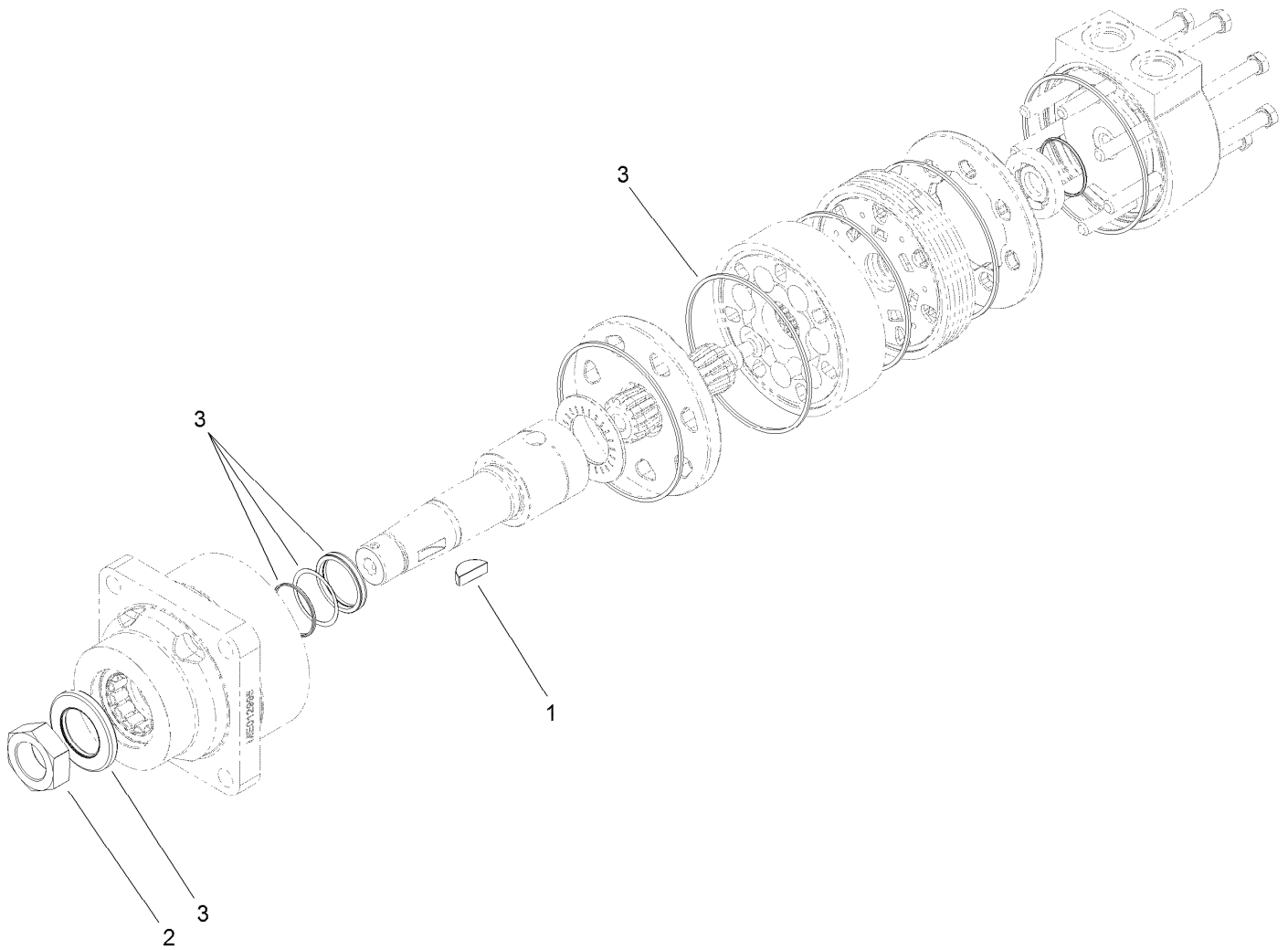
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 106-9206    | 2    | Decal-Torque, Wheel |
| 2    | 323-6       | 4    | Screw-HH            |
| 3    | 104-8301    | 8    | Nut-HF, NI          |
| 4    | 112-9550-03 | 2    | Bracket-Brake       |
| 5    | 3256-4      | 4    | Washer-Flat         |
| 6    | 323-14      | 4    | Screw-HH            |
| 7    | 108-5155    | 1    | LH HYD Motor ASM    |
| 8    | 108-5230    | 1    | RH HYD Motor ASM    |
| 9    | 100-6116    | 8    | Screw-HHF           |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 110-5535    | 2    | Wheel Hub ASM        |
| 10:2 | 87-8730     | 5    | Stud                 |
| 11   | 106-7864    | 2    | Tire And Wheel ASM   |
| 11:1 | 106-7868    | 1    | Tire                 |
| 11:2 | 87-6750     | 1    | Wheel                |
| 11:3 | 232-27      | 1    | Stem-Valve           |
| 12   | 23-7270     | 10   | Nut-Lug              |
| 13   | 120-0013    | 1    | LH Brake Caliper ASM |
| 14   | 120-0014    | 1    | RH Brake Caliper ASM |



## Hydraulic Motor Assembly No. 108-5155

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 3257-42            | 1           | Key-Woodruff       |
| 2           | 107-9319           | 1           | Nut-Hex            |
| 3           | 112-8405           | 1           | Seal Kit           |



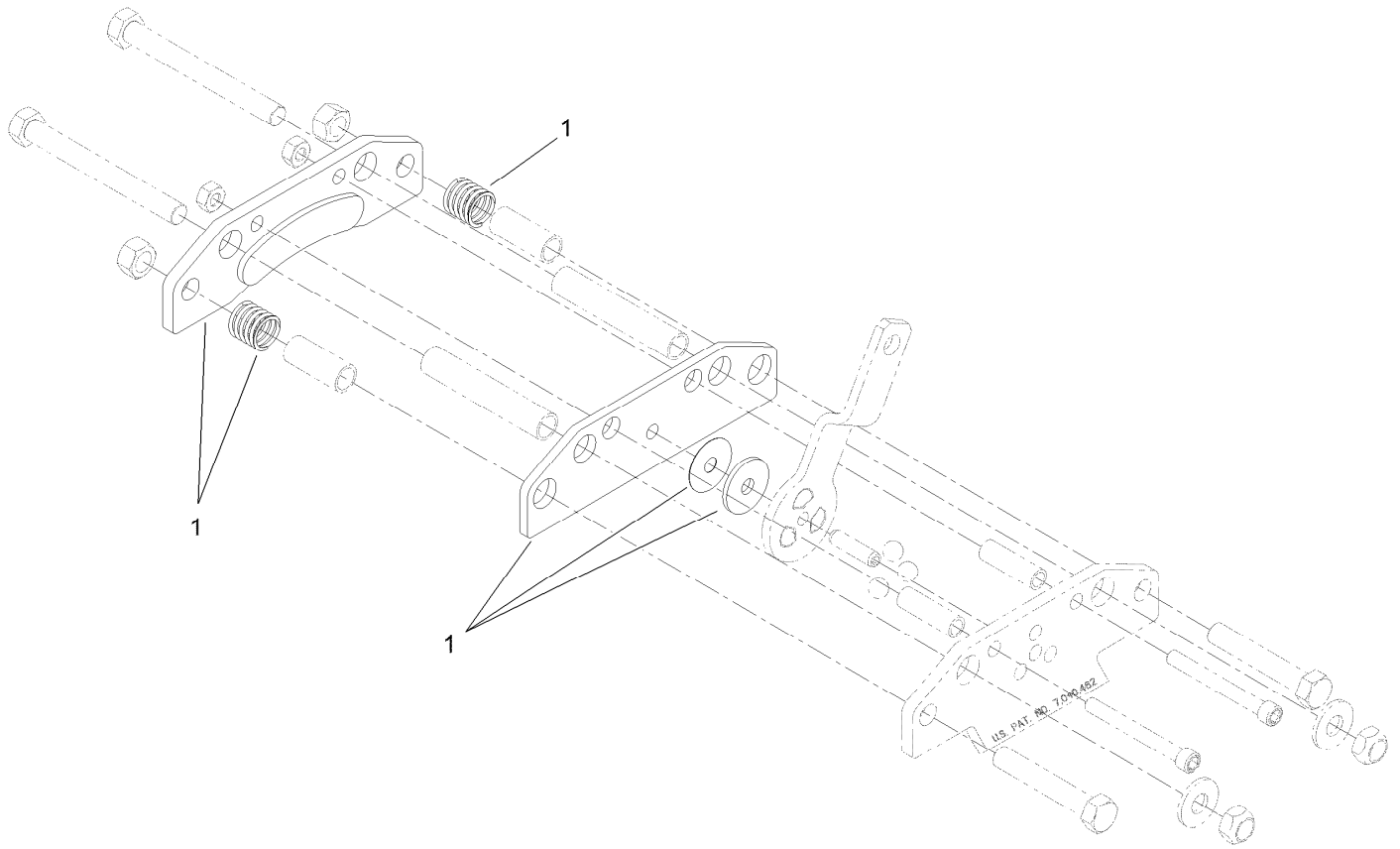
## Hydraulic Motor Assembly No. 108-5230

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 3257-42            | 1           | Key-Woodruff       |
| 2           | 107-9319           | 1           | Nut-Hex            |
| 3           | 112-8405           | 1           | Seal Kit           |



## LH Brake Caliper Assembly No. 120-0013

| Ref. | Part Number | Qty. | Description                       |
|------|-------------|------|-----------------------------------|
| 1    | 120-0015    | 1    | Replacement Brake Pad Service Kit |



## RH Brake Caliper Assembly No. 120-0014

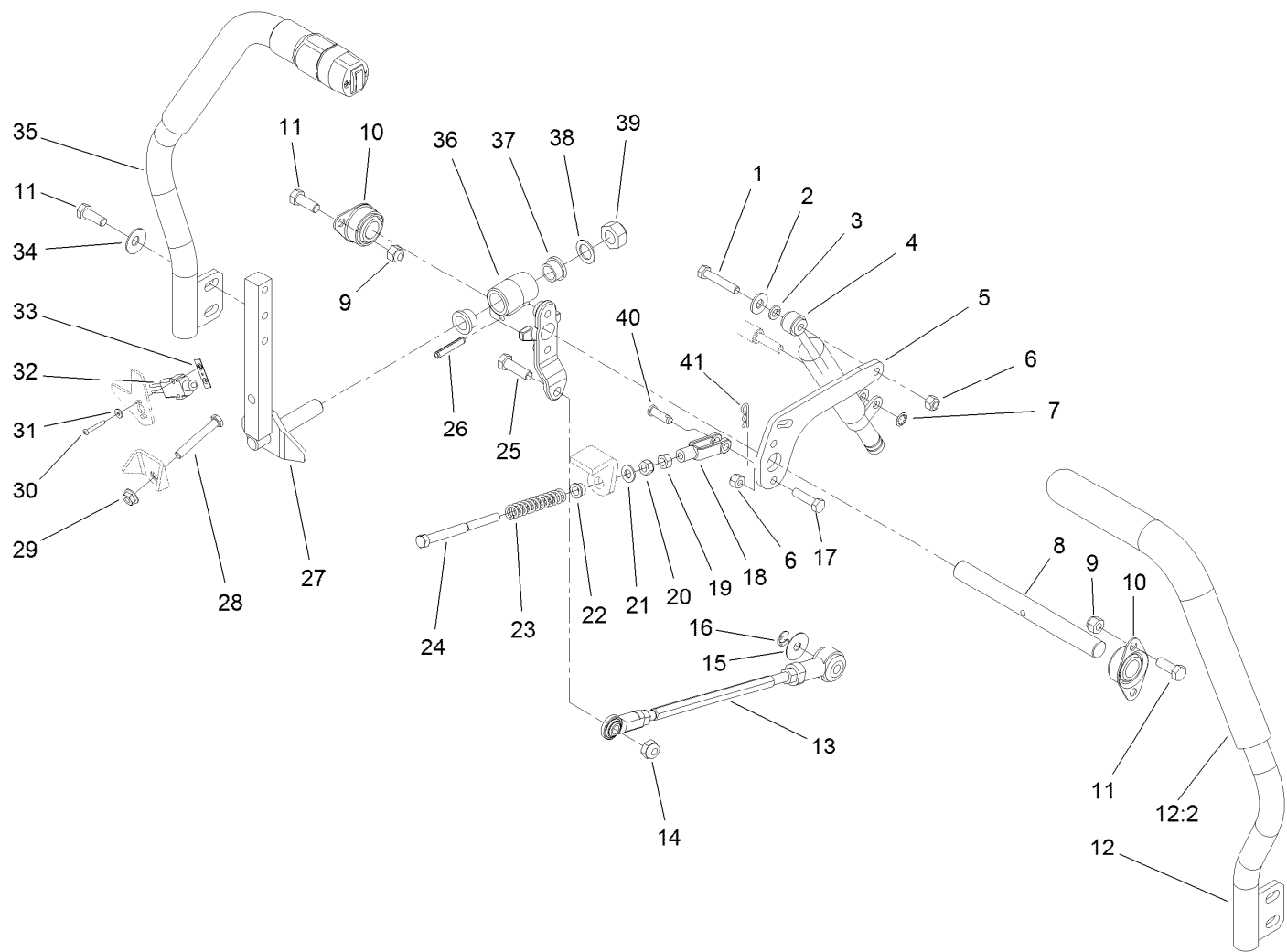
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>                |
|-------------|--------------------|-------------|-----------------------------------|
| 1           | 120-0015           | 1           | Replacement Brake Pad Service Kit |



## Brake Handle Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 117-5582-03 | 1    | Handle-Brake         |
| 2    | 3290-357    | 4    | Nut-HHF, Whiz        |
| 3    | 1-633102    | 2    | Bearing-Flange, Side |
| 4    | 120-0009    | 2    | Rod-Brake            |
| 5    | 3219-3      | 10   | Nut-Hex              |
| 6    | 132-8128    | 2    | Swivel ASM           |
| 7    | 3256-4      | 6    | Washer-Flat          |
| 8    | 109-2230    | 2    | Spring-Compression   |
| 9    | 32151-47    | 2    | Ring-Retaining       |
| 10   | 323-6       | 4    | Screw-HH             |
| 11   | 115-5300    | 1    | Proximity Switch ASM |

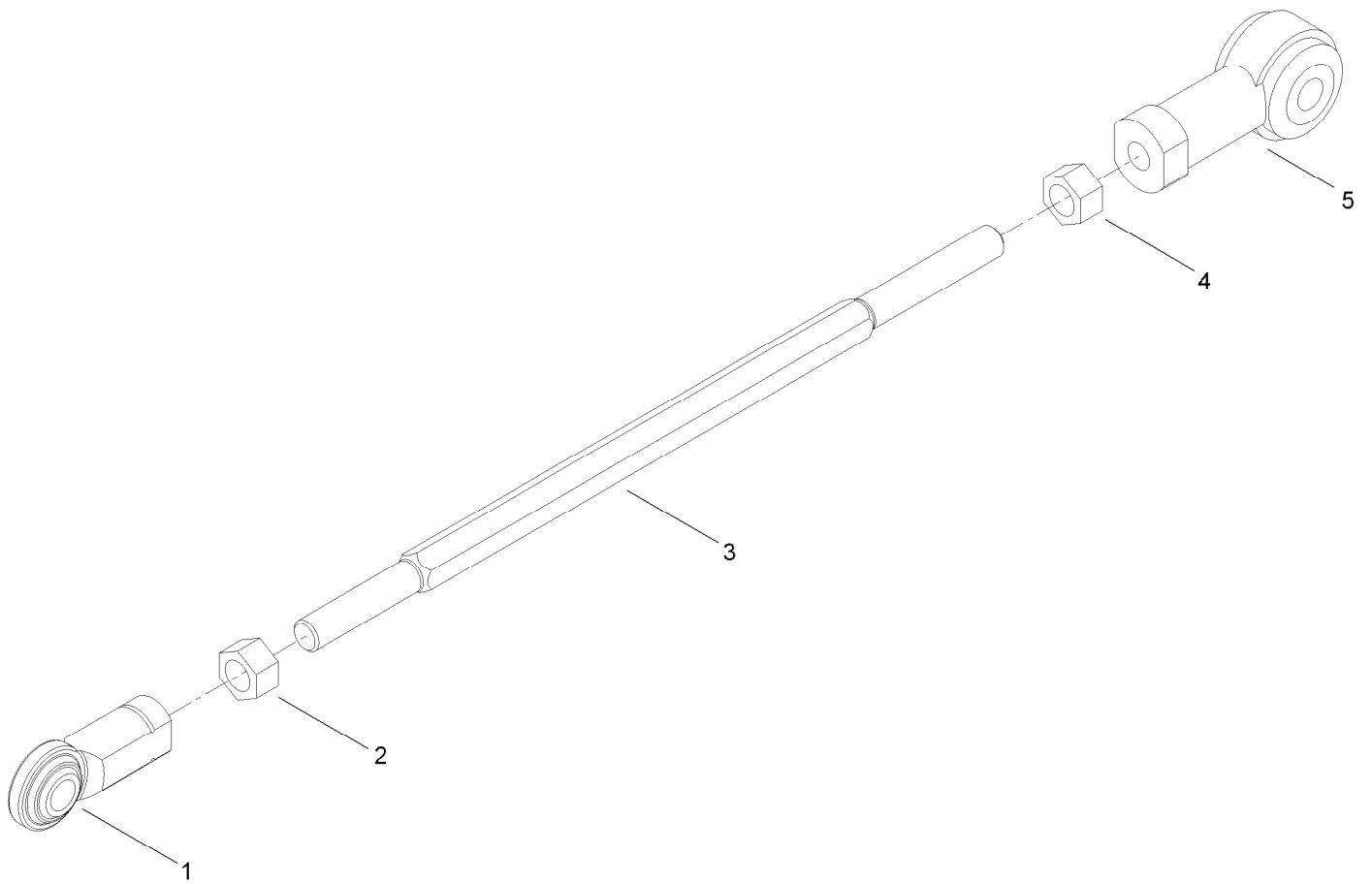
| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 11:1 | 117-3207    | 2    | Nut-Hex                     |
| 11:2 | 117-3208    | 2    | Washer-Lock, Internal Tooth |
| 12   | 117-5572    | 1    | Bracket-Switch              |
| 13   | 120-0022    | 2    | Pivot-Brake                 |
| 14   | 32151-68    | 2    | Ring-Retaining              |
| 15   | 1-513140    | 4    | Bearing-Control             |
| 16   | 3290-307    | 6    | Pin-Cotter                  |
| 17   | 1-633268    | 1    | Grip-Lever                  |
| 18   | 1-808285    | 2    | Pin-Clevis                  |
| 19   | 1-633131    | 2    | Yoke-Linkage, Brake         |
| 20   | 120-0023    | 2    | Rod-Brake                   |



## Traction Control Assembly

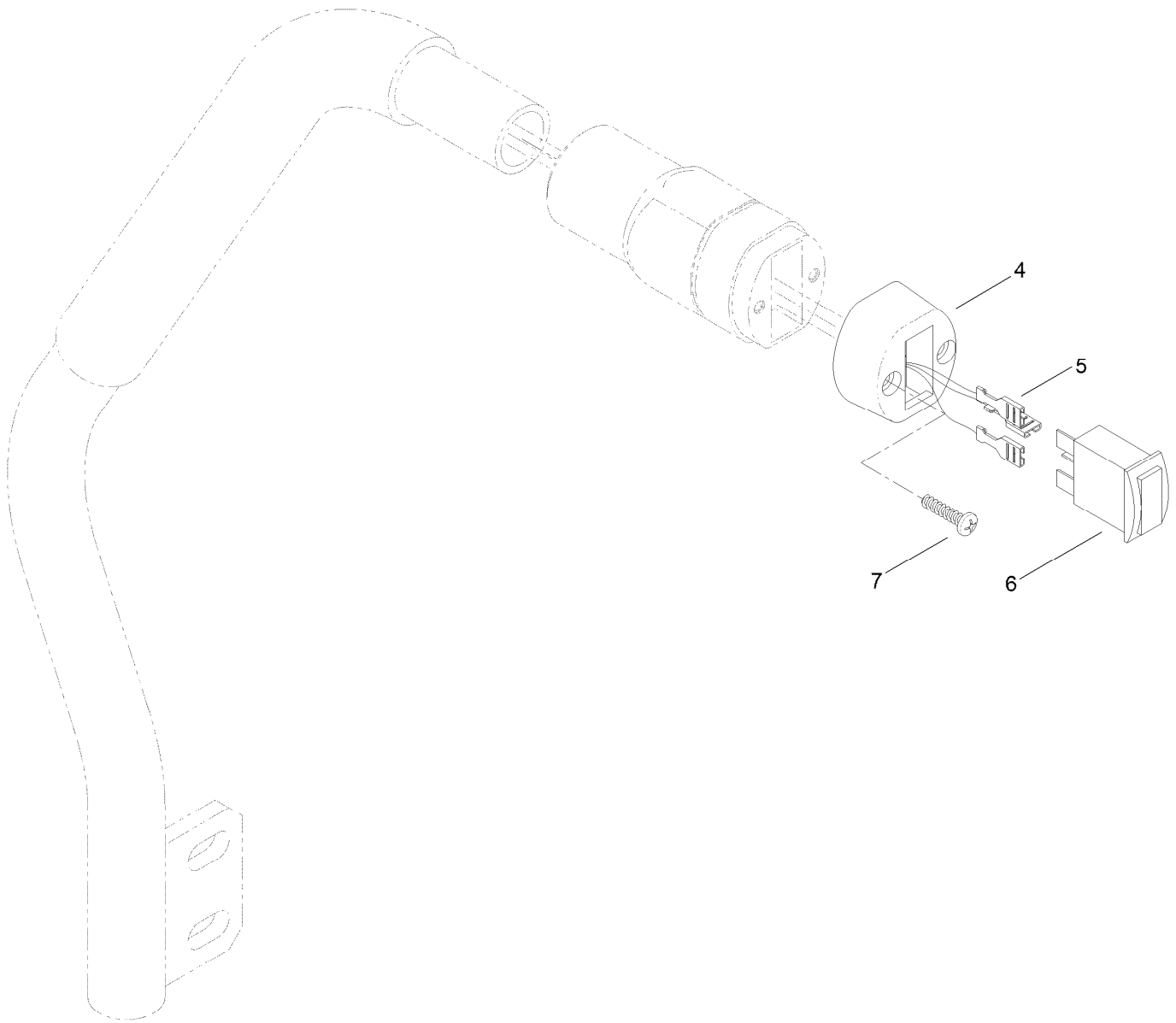
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 322-9       | 2    | Screw-HH             |
| 2    | 3256-3      | 2    | Washer-Flat          |
| 3    | 3253-4      | 4    | Washer-Lock          |
| 4    | 105-7280    | 2    | Damper               |
| 5    | 108-9829-03 | 2    | Lever-Damper         |
| 6    | 3296-29     | 6    | Nut-Lock, NI         |
| 7    | 32151-72    | 2    | Ring-Retaining       |
| 8    | 108-9830    | 2    | Shaft-Pivot          |
| 9    | 3296-39     | 8    | Nut-Lock, NI         |
| 10   | 1-633102    | 4    | Bearing-Flange, Side |
| 11   | 323-6       | 12   | Screw-HH             |
| 12   | 125-2688    | 1    | LH Lever ASM         |
| 12:2 | 125-2704    | 1    | Grip-Foam            |
| 13   | 112-5099    | 2    | Link ASM             |
| 14   | 3296-44     | 2    | Nut-Lock, NI         |
| 15   | 105-6814    | 2    | Washer-Plain         |
| 16   | 32151-47    | 2    | Ring-Retaining       |
| 17   | 322-6       | 4    | Screw-HH             |
| 18   | 1-303105    | 2    | Yoke-Adjustable      |
| 19   | 3219-2      | 2    | Nut-Hex              |
| 20   | 3296-4      | 2    | Nut-Lock             |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 21   | 3256-23     | 2    | Washer-Plain           |
| 22   | 1-603735    | 2    | Bushing-Flanged        |
| 23   | 1-603807    | 2    | Spring-Return, Neutral |
| 24   | 1-603737    | 2    | Bolt-Return, Neutral   |
| 25   | 323-7       | 2    | Screw-HH               |
| 26   | 32121-15    | 2    | Pin-Roll               |
| 27   | 108-9833-03 | 2    | Lever                  |
| 28   | 9114524     | 2    | Bolt-TAP, HH           |
| 29   | 32128-26    | 2    | Nut-Flange             |
| 30   | 3250-35     | 4    | Screw-PPH              |
| 31   | 3256-53     | 4    | Washer-Flat            |
| 32   | 99-3410     | 2    | Switch                 |
| 33   | 108-9824    | 2    | Nut-Switch             |
| 34   | 3290-461    | 4    | Washer-Spring          |
| 35   | 125-2687    | 1    | RH Lever ASM           |
| 36   | 108-9831    | 2    | Hub-Control            |
| 37   | 105-3455    | 4    | Bushing                |
| 38   | 105-3481    | 4    | Washer-Thrust          |
| 39   | 32152-6     | 2    | Nut-Lock, Cone         |
| 40   | 283-1       | 2    | Pin-Clevis             |
| 41   | 3290-307    | 2    | Pin-Cotter             |



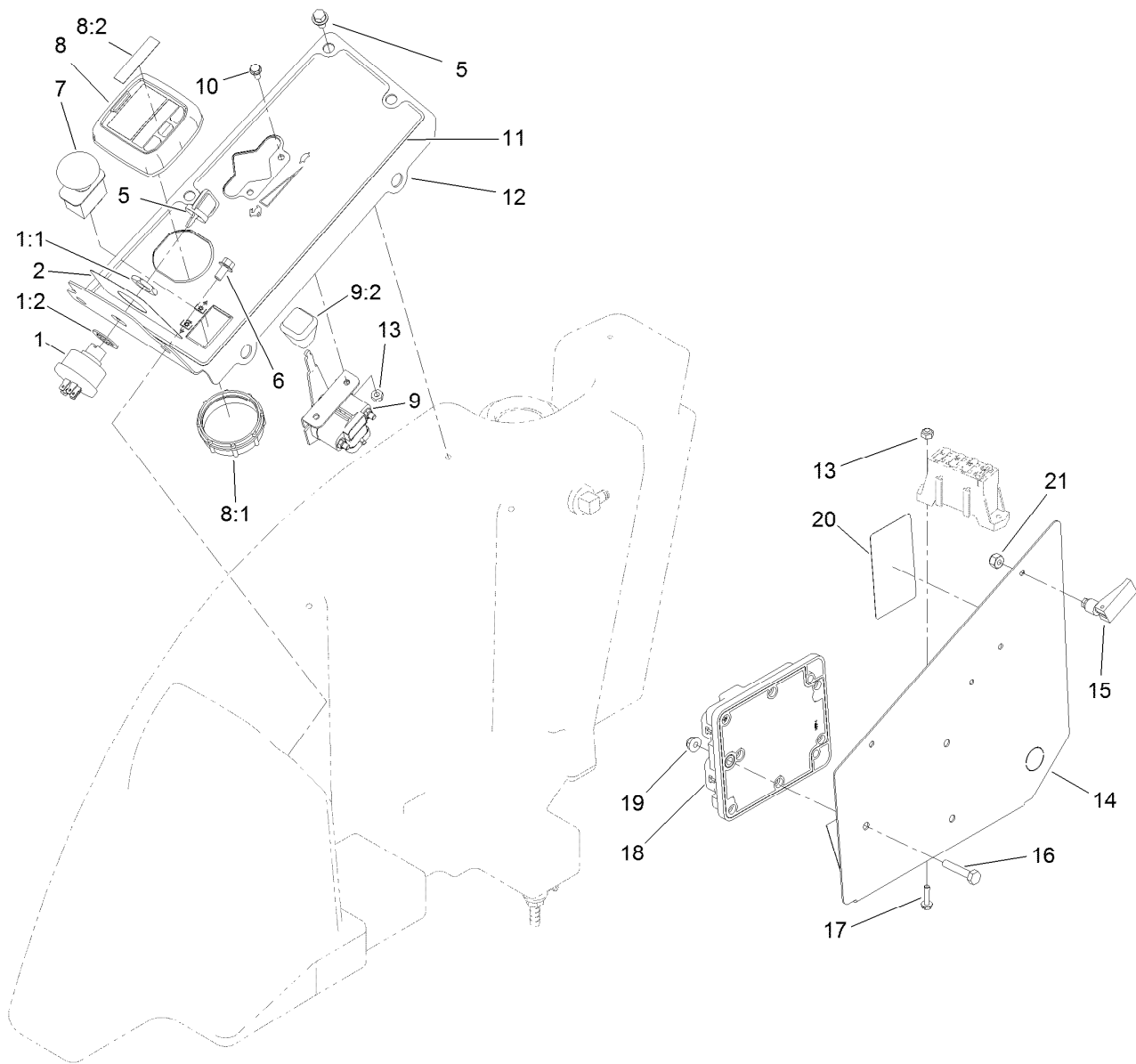
## Link Assembly No. 112-5099

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 103-1167    | 1    | Joint-Ball End, LH |
| 2    | 3219-20     | 1    | Nut-Hex, LH        |
| 3    | 105-7239    | 1    | Rod-Threaded       |
| 4    | 3219-3      | 1    | Nut-Hex            |
| 5    | 105-7199    | 1    | End-Rod, Isolated  |



## RH Lever Assembly No. 125-2687

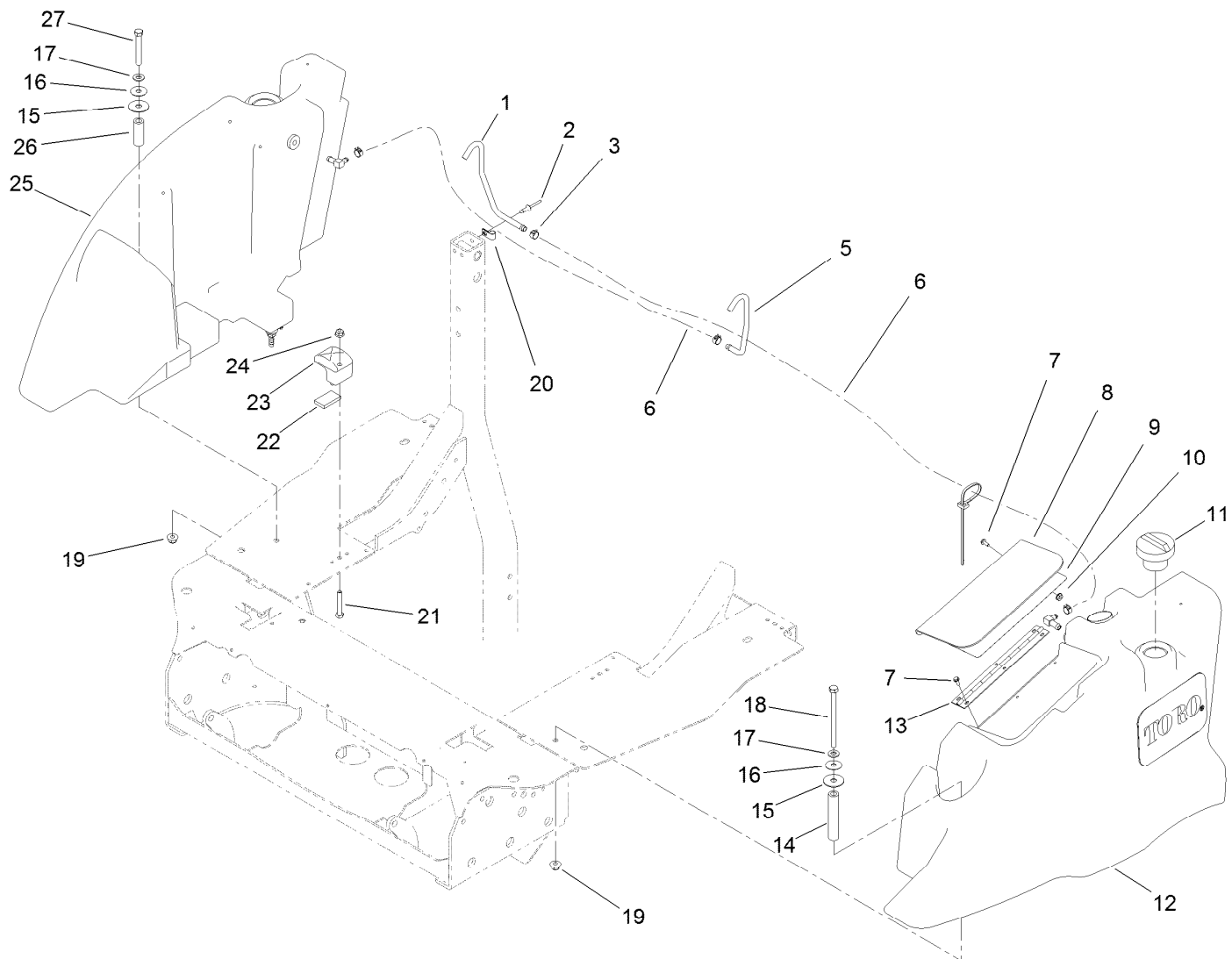
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 4    | 121-3399    | 1    | Cap-Switch               |
| 5    | 119-4382    | 1    | Harness-Control Handle   |
| 6    | 125-2702    | 1    | Switch, Spst (On)-Off-On |
| 7    | 94-4496     | 2    | Screw-PPH                |



## Control Panel Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 104-2541    | 1    | Switch ASM                 |
| 1:1  | 218-461     | 1    | Nut-HH                     |
| 1:2  | 3254-5      | 1    | Washer-Lock                |
| 2    | 110-8254    | 1    | Decal-Start, Control Panel |
| 5    | 63-8360     | 2    | Key-Ignition               |
| 6    | 3234-13     | 5    | Screw-HHF                  |
| 7    | 93-9999     | 1    | Switch-PTO                 |
| 8    | 120-6310    | 1    | LCD Display ASM            |
| 8:1  | 120-4630    | 1    | Nut-Display                |
| 8:2  | 120-6311    | 1    | Decal-Display              |
| 9    | 122-0111    | 1    | Throttle-Electronic        |
| 9:2  | 66-0120     | 1    | Knob                       |

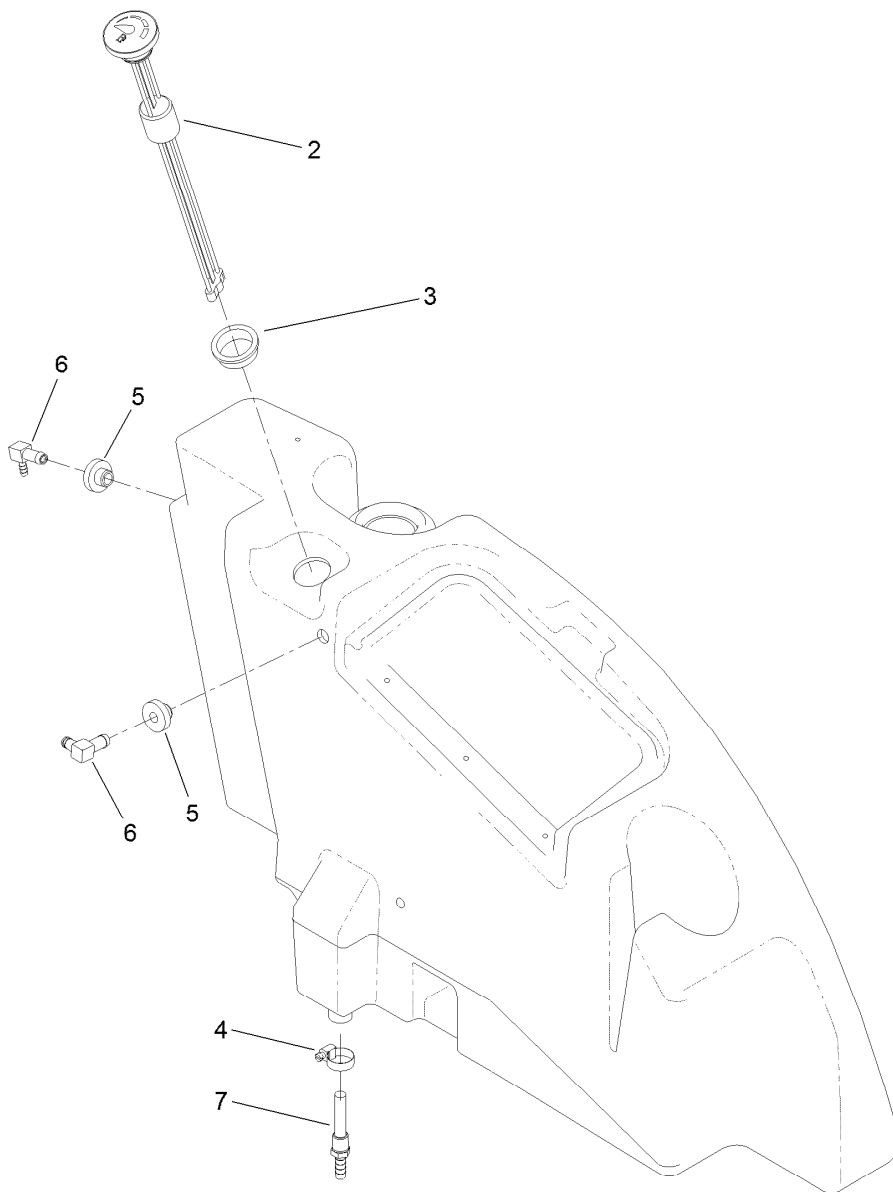
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 10   | 3290-321    | 2    | Screw-HWH                |
| 11   | 121-3363    | 1    | Decal-Panel, Control     |
| 12   | 121-3362-03 | 1    | Panel-Control            |
| 13   | 3296-2      | 4    | Nut-Lock, NI             |
| 14   | 110-8257-03 | 1    | Cover-Panel, Control     |
| 15   | 74-5950     | 2    | Latch-Swell              |
| 16   | 321-13      | 3    | Screw-HH                 |
| 17   | 32105-13    | 2    | Screw-HWH                |
| 18   | 106-9277    | 1    | Module-Control, Standard |
| 19   | 104-7201    | 3    | Nut-HF                   |
| 20   | 110-9796    | 1    | Decal-Block, Fuse        |
| 21   | 1-804254    | 2    | Nut-Lock, HH             |



## Left-Hand and Right-Hand Fuel Tank Assembly

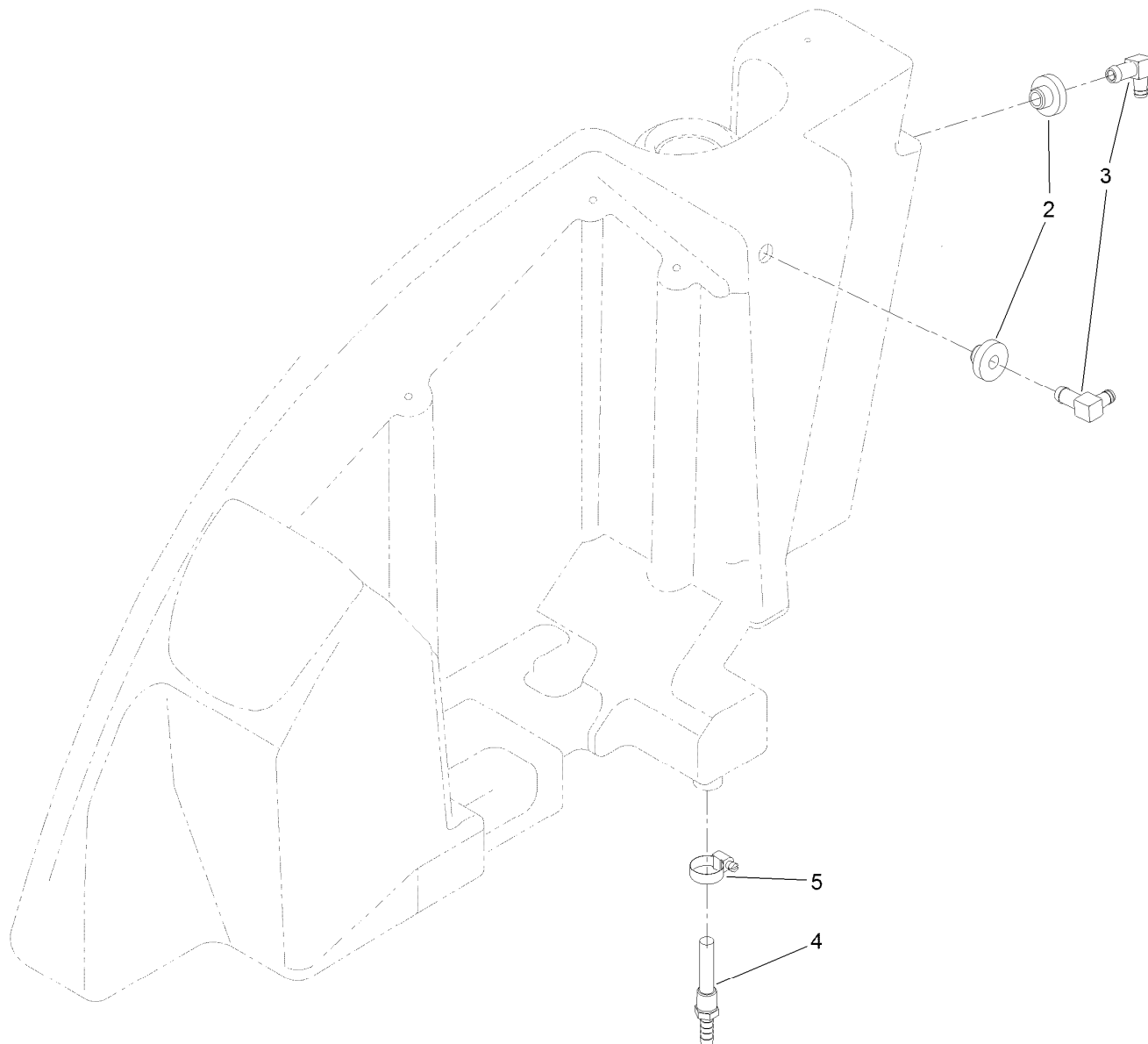
| Ref. | Part Number | Qty. | Description                         |
|------|-------------|------|-------------------------------------|
| 1    | 110-8260    | 1    | Tube-Vent, RH                       |
| 2    | 3290-412    | 2    | Rivet-Blind                         |
| 3    | 92-2379     | 4    | Clamp-Hose                          |
| 5    | 110-8261    | 1    | Tube-Vent, LH                       |
| 6    | 110-6186    | 2    | Hose-Fuel                           |
| 7    | 112-6349    | 6    | Screw-HWH                           |
| 8    | 110-5540-03 | 1    | Cover-Toolbox                       |
| 9    | 125-2747    | 1    | Decal-Instruction, Service          |
| 10   | 32149-8     | 3    | Nut-Keps                            |
| 11   | 125-9170    | 2    | Cap-Fuel, Diesel (Ultra Low Sulfur) |
| 12   | 131-5509    | 1    | LH Fuel Tank ASM                    |
| 13   | 108-2024    | 1    | Hinge                               |
| 14   | 110-5539    | 1    | Spacer                              |

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 15   | 95-1905     | 2    | Washer-Rubber    |
| 16   | 105-6814    | 2    | Washer-Plain     |
| 17   | 3256-24     | 2    | Washer-Flat      |
| 18   | 323-39      | 1    | Screw-HH         |
| 19   | 104-8301    | 2    | Nut-HF, NI       |
| 20   | 2412-89     | 2    | Clamp-R          |
| 21   | 322-10      | 4    | Screw-HH         |
| 22   | 112-9561    | 4    | Pad-Foam         |
| 23   | 107-4543    | 4    | Clamp            |
| 24   | 104-8300    | 4    | Nut-HF, NI       |
| 25   | 132-8116    | 1    | RH Fuel Tank ASM |
| 26   | 92-1239     | 1    | Spacer-Support   |
| 27   | 323-13      | 1    | Screw-HH         |



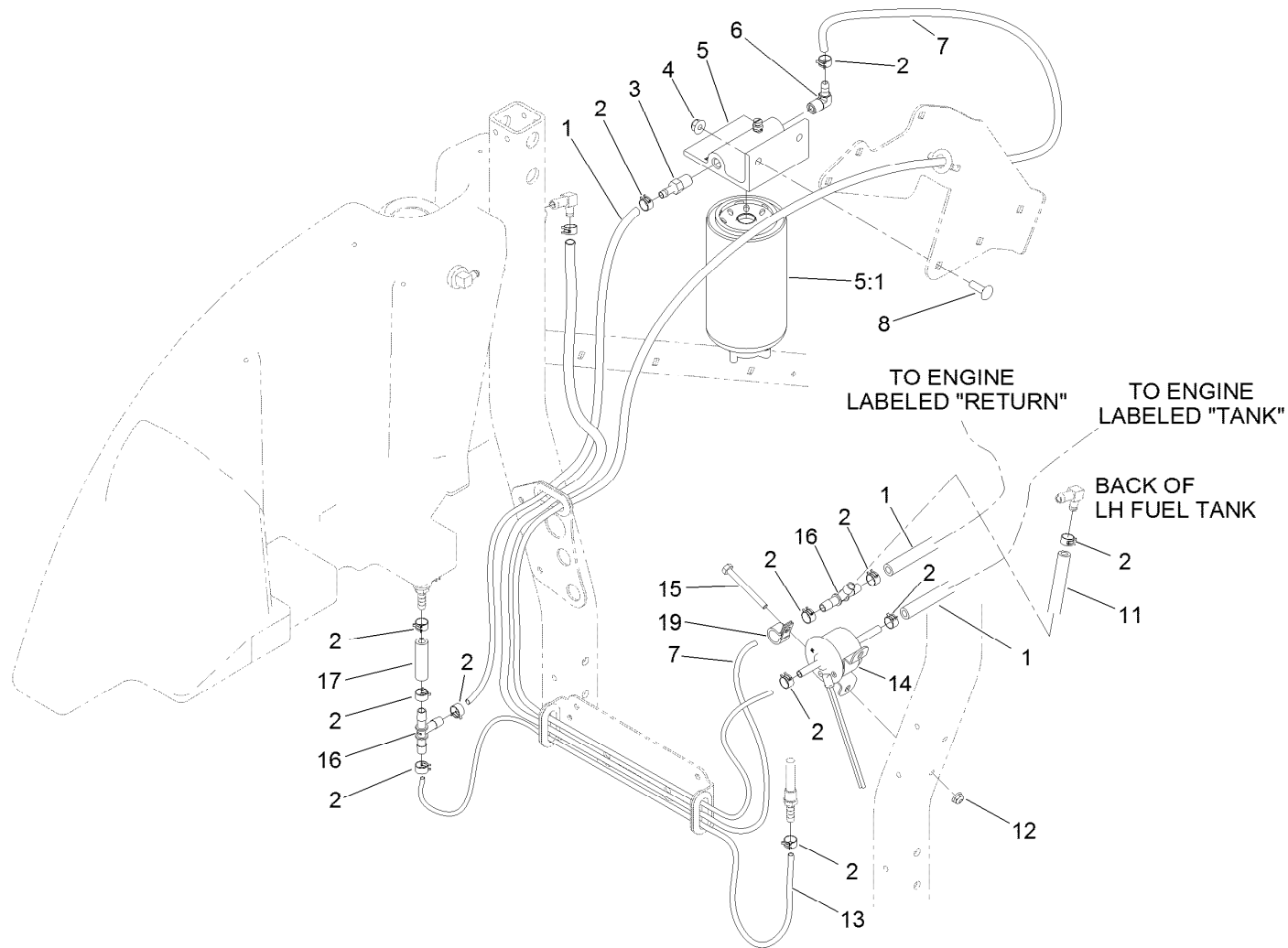
## LH Fuel Tank Assembly No. 131-5509

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 2    | 110-8262    | 1    | Gauge-Fuel       |
| 3    | 95-8972     | 1    | Grommet          |
| 4    | 2412-36     | 1    | Clamp-Hose       |
| 5    | 46-6560     | 2    | Bushing          |
| 6    | 1-643259    | 2    | Fitting-Elbow    |
| 7    | 112-6374    | 1    | Fitting-Strainer |



## RH Fuel Tank Assembly No. 132-8116

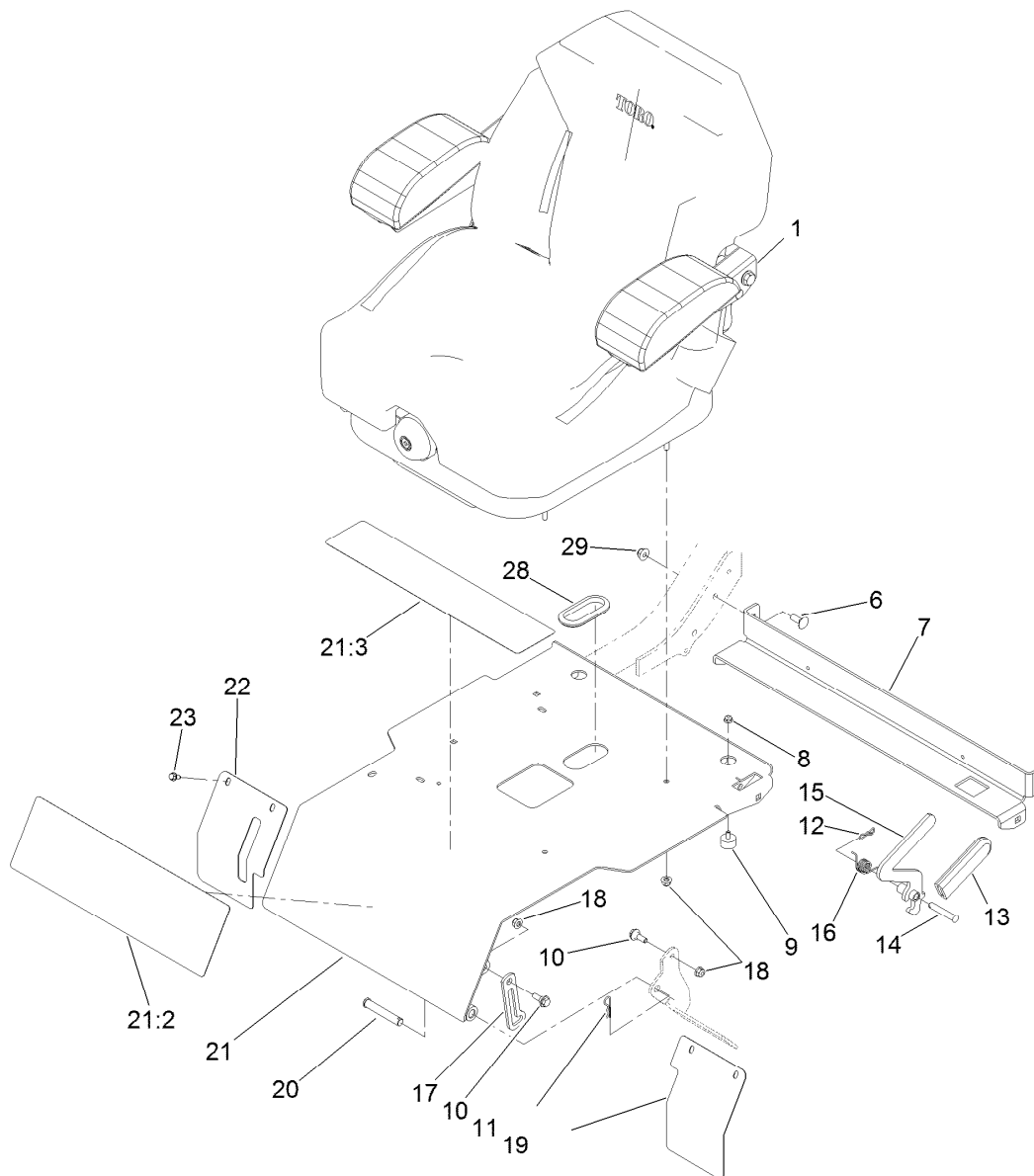
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 2           | 46-6560            | 2           | Bushing            |
| 3           | 1-643259           | 2           | Fitting-Elbow      |
| 4           | 112-6374           | 1           | Fitting-Strainer   |
| 5           | 2412-36            | 1           | Clamp-Hose         |



## Fuel System Assembly

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 110-6187    | 3    | Hose-Fuel                   |
| 2    | 92-2379     | 16   | Clamp-Hose                  |
| 3    | 353-783     | 1    | Fitting-STR                 |
| 4    | 104-8300    | 2    | Nut-HF, NI                  |
| 5    | 125-2914    | 1    | Separator Filter ASM        |
| 5:1  | 125-2915    | 1    | Filter-Fuel/Water Separator |
| 6    | 353-781     | 1    | Fitting-HYD, 90             |
| 7    | 110-4108    | 2    | Hose-Fuel                   |
| 8    | 3230-22     | 2    | Screw-CARR                  |

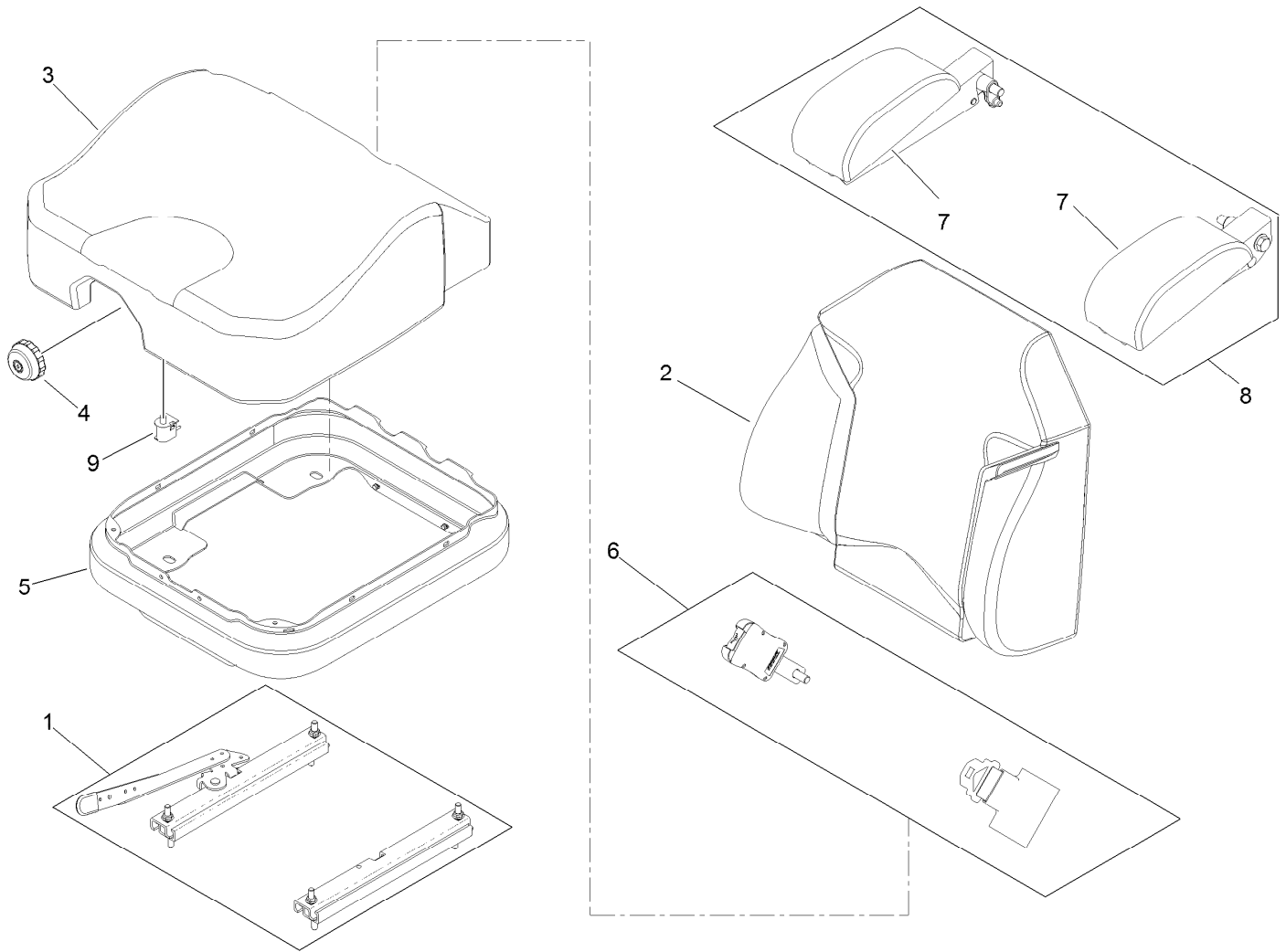
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 11   | 109-0274    | 1    | Hose-Fuel           |
| 12   | 104-7201    | 2    | Nut-HF              |
| 13   | 110-3258    | 1    | Hose-Fuel           |
| 14   | 121-5613    | 1    | Pump-Fuel, Electric |
| 15   | 321-15      | 2    | Screw-HH            |
| 16   | 354-107     | 2    | Fitting-HYD, Tee    |
| 17   | 127-6453    | 1    | Hose-Fuel           |
| 19   | 2412-87     | 1    | Clamp-Cable         |



## Seat and Seat Plate Assembly

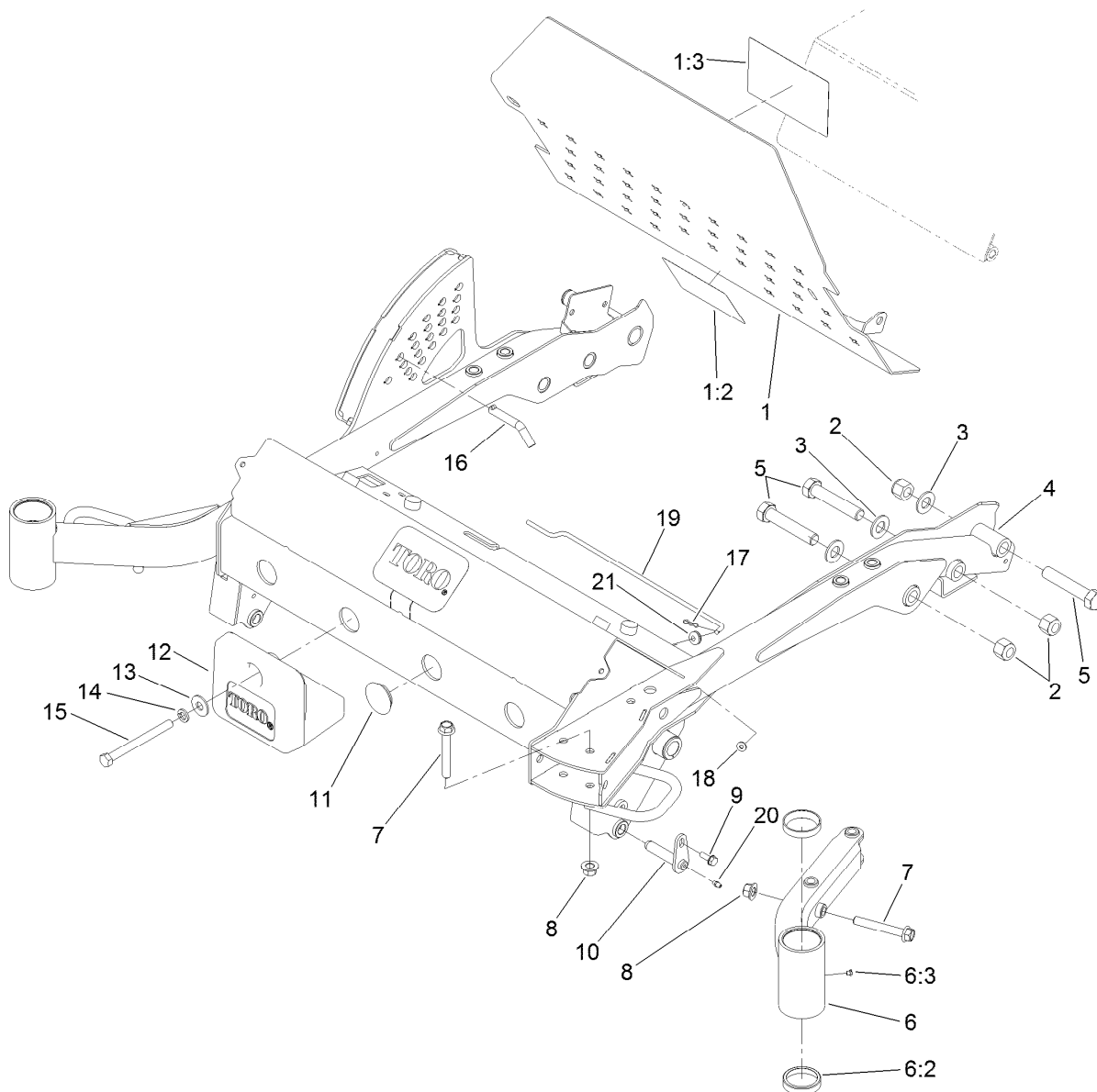
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 125-3107    | 1    | Suspension Seat ASM |
| 6    | 3231-2      | 4    | Bolt-CARR           |
| 7    | 120-0095-03 | 1    | Support-Seat        |
| 8    | 104-7201    | 2    | Nut-HF              |
| 9    | 240-14      | 2    | Bumper-Rubber       |
| 10   | 116-2670    | 2    | Screw-Shoulder      |
| 11   | 3290-467    | 2    | Pin-Hair            |
| 12   | 119-1415    | 1    | Pin-Cotter, Locking |
| 13   | 1-633268    | 1    | Grip-Lever          |
| 14   | 86-2130     | 1    | Pin-Clevis          |
| 15   | 121-3390-03 | 1    | Lever-Seat          |
| 16   | 121-3386    | 1    | Spring-Torsion      |

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 17   | 130-8754    | 1    | Prop-Seat               |
| 18   | 104-8300    | 6    | Nut-HF, NI              |
| 19   | 130-8767-03 | 1    | Cover-LH                |
| 20   | 283-55      | 2    | Pin-Clevis              |
| 21   | 130-8749    | 1    | Seat Plate ASM          |
| 21:2 | 120-9195    | 1    | Decal-Safety            |
| 21:3 | 120-9196    | 1    | Decal-Console, Top (CE) |
| 22   | 130-8768-03 | 1    | Cover-RH                |
| 23   | 32144-10    | 4    | Screw-HWH               |
| 28   | 237-164     | 1    | Grommet                 |
| 29   | 104-8301    | 4    | Nut-HF, NI              |



## Seat Assembly No. 125-3107

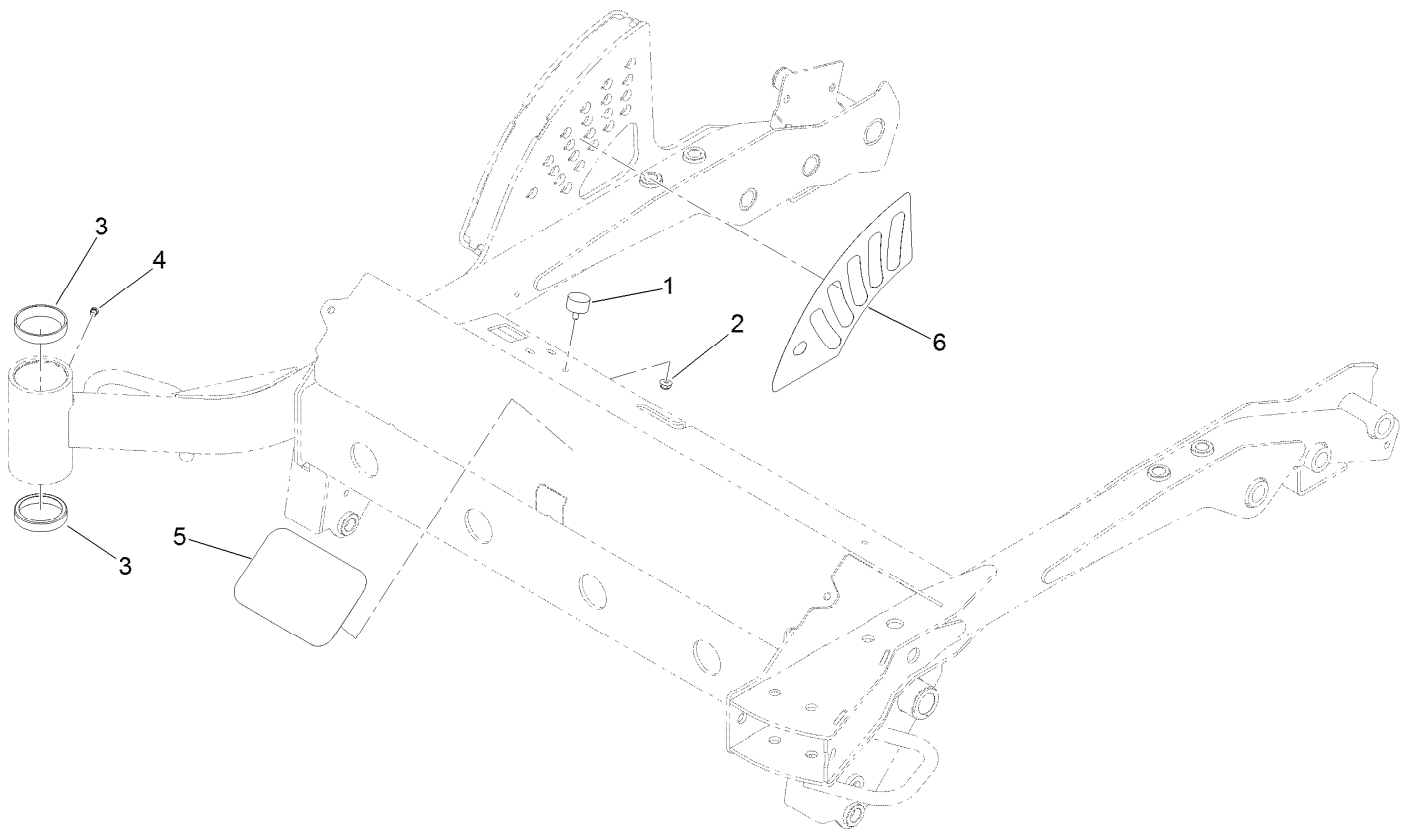
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       |
|-------------|--------------------|-------------|--------------------------|
| 1           | 116-8910           | 1           | Seat Track Set           |
| 2           | 125-3112           | 1           | Cover-Back               |
| 3           | 125-3111           | 1           | Cover-Cushion            |
| 4           | 116-8911           | 1           | Knob-Adjuster            |
| 5           | 116-5659           | 1           | Cover-Suspension Bellows |
| 6           | 126-2061           | 1           | Seat Belt Service Kit    |
| 7           | 109-9802           | 1           | Arm Rest Pad Set         |
| 8           | 109-9803           | 1           | Arm Rest Set             |
| 9           | 82-2190            | 1           | Switch-Bail              |



## Floorplate and Carrier Frame Assembly

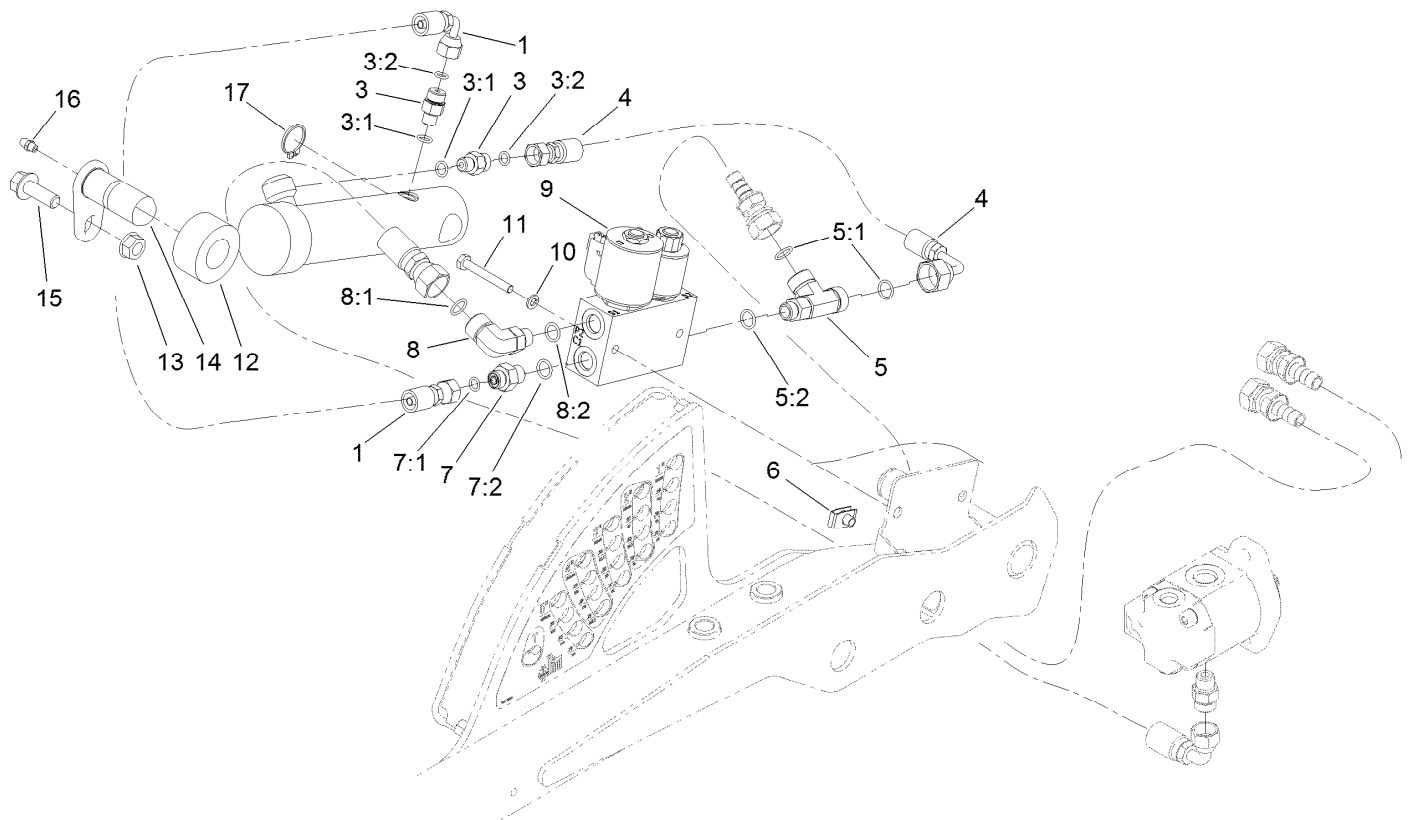
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 120-9165    | 1    | Floorplate ASM       |
| 1:2  | 112-1461    | 1    | Decal-Routing, Belt  |
| 1:3  | 107-1866    | 1    | Decal-Danger, Slope  |
| 2    | 3296-51     | 5    | Nut-Lock, NI         |
| 3    | 92-5836     | 5    | Washer               |
| 4    | 136-4466    | 1    | Carrier Frame ASM    |
| 5    | 328-7       | 5    | Screw-HH             |
| 6    | 121-3340    | 1    | Castor Arm ASM       |
| 6:2  | 254-107     | 2    | Cup-Bearing, Tapered |
| 6:3  | 1-811010    | 1    | Plug                 |
| 7    | 114-8419    | 3    | Screw-HHF            |
| 8    | 99-5107     | 3    | Nut-Lock             |
| 9    | 32144-41    | 2    | Screw-Taptite        |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 10   | 112-1602    | 2    | Pin-Retainer        |
| 11   | 121-3397    | 2    | Plug-Grommet        |
| 12   | 125-2655-03 | 2    | Weight              |
| 13   | 3256-6      | 2    | Washer-Flat         |
| 14   | 3253-7      | 2    | Washer-Lock         |
| 15   | 325-22      | 2    | Screw-HH            |
| 16   | 112-9544    | 1    | Pin-HOC             |
| 17   | 119-1414    | 1    | Pin-Cotter, Locking |
| 18   | 3256-22     | 1    | Washer-Flat         |
| 19   | 110-9847    | 1    | Rod-Prop            |
| 20   | 302-5       | 2    | Fitting-Grease      |
| 21   | 237-141     | 1    | Grommet-Rubber      |



## Carrier Frame Assembly No. 136-4466

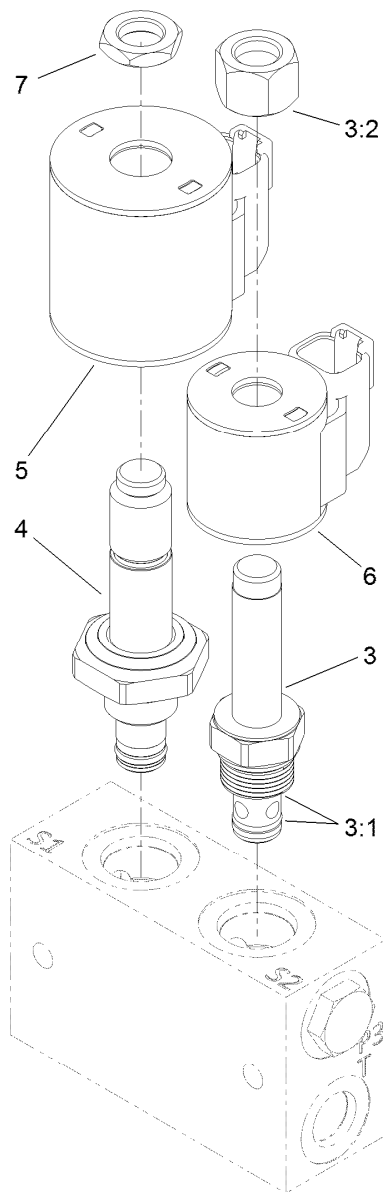
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 1           | 240-14             | 4           | Bumper-Rubber        |
| 2           | 104-7201           | 4           | Nut-HF               |
| 3           | 254-107            | 2           | Cup-Bearing, Tapered |
| 4           | 1-811010           | 1           | Plug                 |
| 5           | 99-4693            | 1           | Decal                |
| 6           | 127-6519           | 1           | Decal-HOC            |



## Lift Valve and Cylinder Assembly

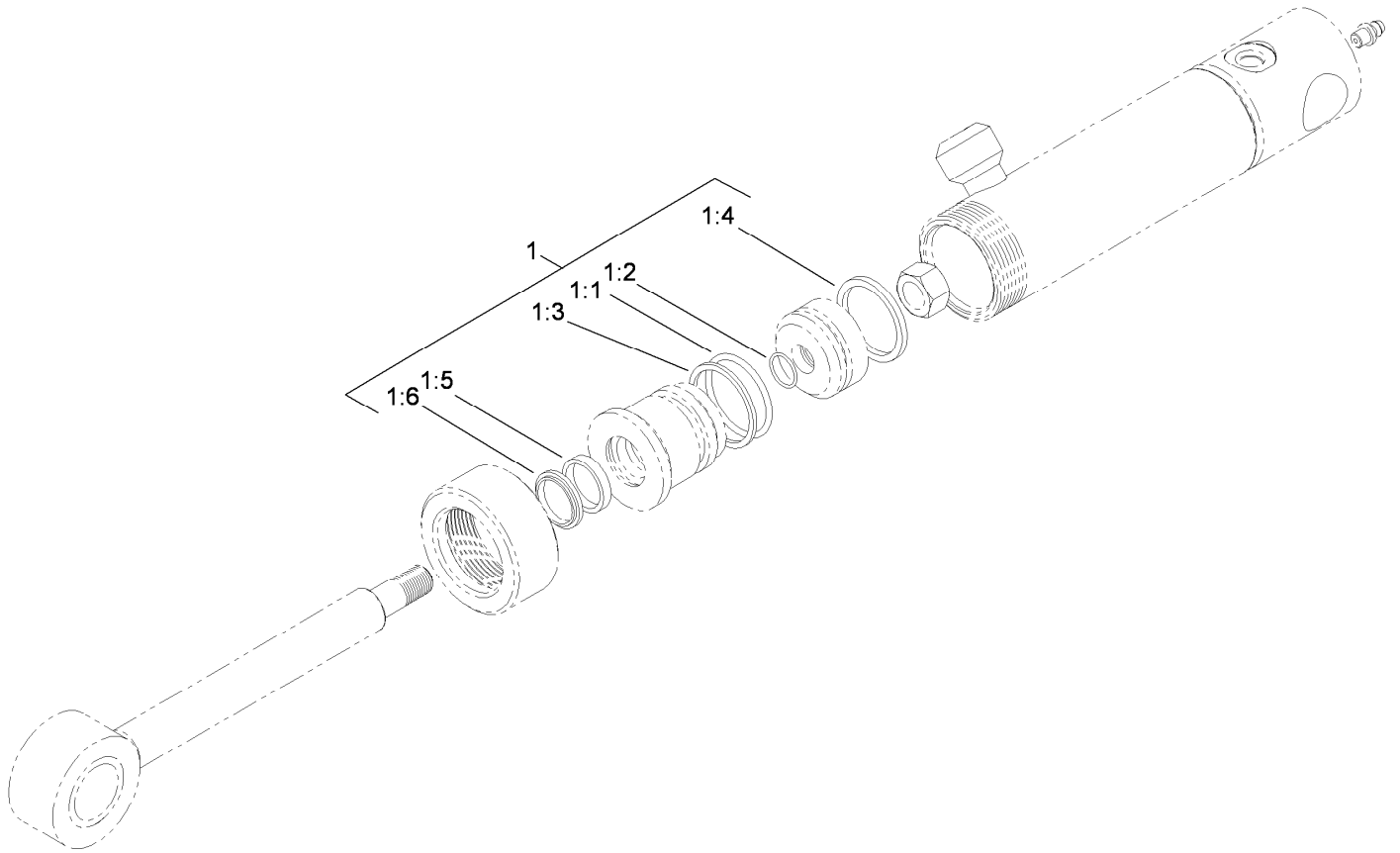
| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 127-4908    | 1    | Hose-HYD         |
| 3    | 340-92      | 2    | Fitting-Straight |
| 3:1  | 237-78      | 1    | O-Ring           |
| 3:2  | 237-21      | 1    | O-Ring           |
| 4    | 127-4909    | 1    | Hose-HYD         |
| 5    | 110-0064    | 1    | Fitting-Tee      |
| 5:1  | 237-30      | 2    | O-Ring           |
| 5:2  | 237-42      | 1    | O-Ring           |
| 6    | 107069      | 2    | Clip             |
| 7    | 340-1       | 1    | Fitting-Straight |
| 7:1  | 237-21      | 1    | O-Ring           |
| 7:2  | 237-42      | 1    | O-Ring           |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 8    | 340-99      | 1    | Fitting-HYD, 90 DEG |
| 8:1  | 237-30      | 1    | O-Ring              |
| 8:2  | 237-42      | 1    | O-Ring              |
| 9    | 131-1934    | 1    | Deck Lift Valve ASM |
| 10   | 3253-3      | 2    | Washer-Lock         |
| 11   | 321-11      | 2    | Screw-HH            |
| 12   | 110-9834    | 1    | HYD Cylinder ASM    |
| 13   | 32128-37    | 1    | Nut-HF              |
| 14   | 125-1910    | 1    | Pin-Pivot           |
| 15   | 3234-15     | 1    | Screw-HHF           |
| 16   | 302-5       | 1    | Fitting-Grease      |
| 17   | 32151-36    | 1    | Ring-Retaining      |



## Valve Assembly No. 131-1934

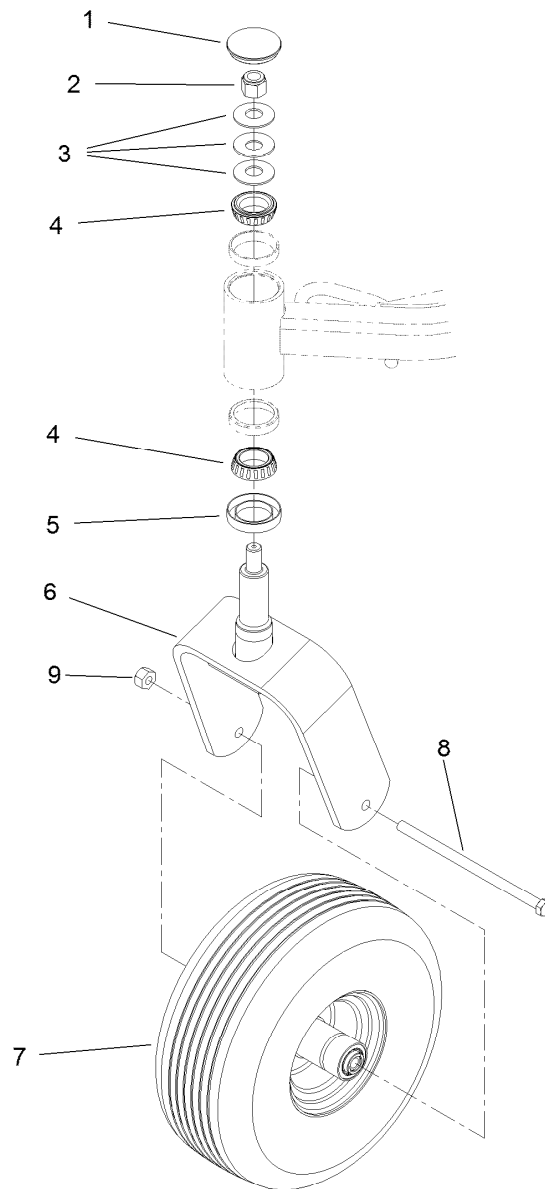
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 3           | 107-7517           | 1           | Valve-Solenoid     |
| 3:1         | 105-9156           | 1           | Seal Kit           |
| 3:2         | 107-7812           | 1           | Nut-Solenoid       |
| 4           | 131-1935           | 1           | Valve-Solenoid     |
| 5           | 115-3021           | 1           | Coil-12V           |
| 6           | 119-8036           | 1           | Coil               |
| 7           | 110-2634           | 1           | Nut-Coil           |



## Hydraulic Cylinder Assembly No. 110-9834

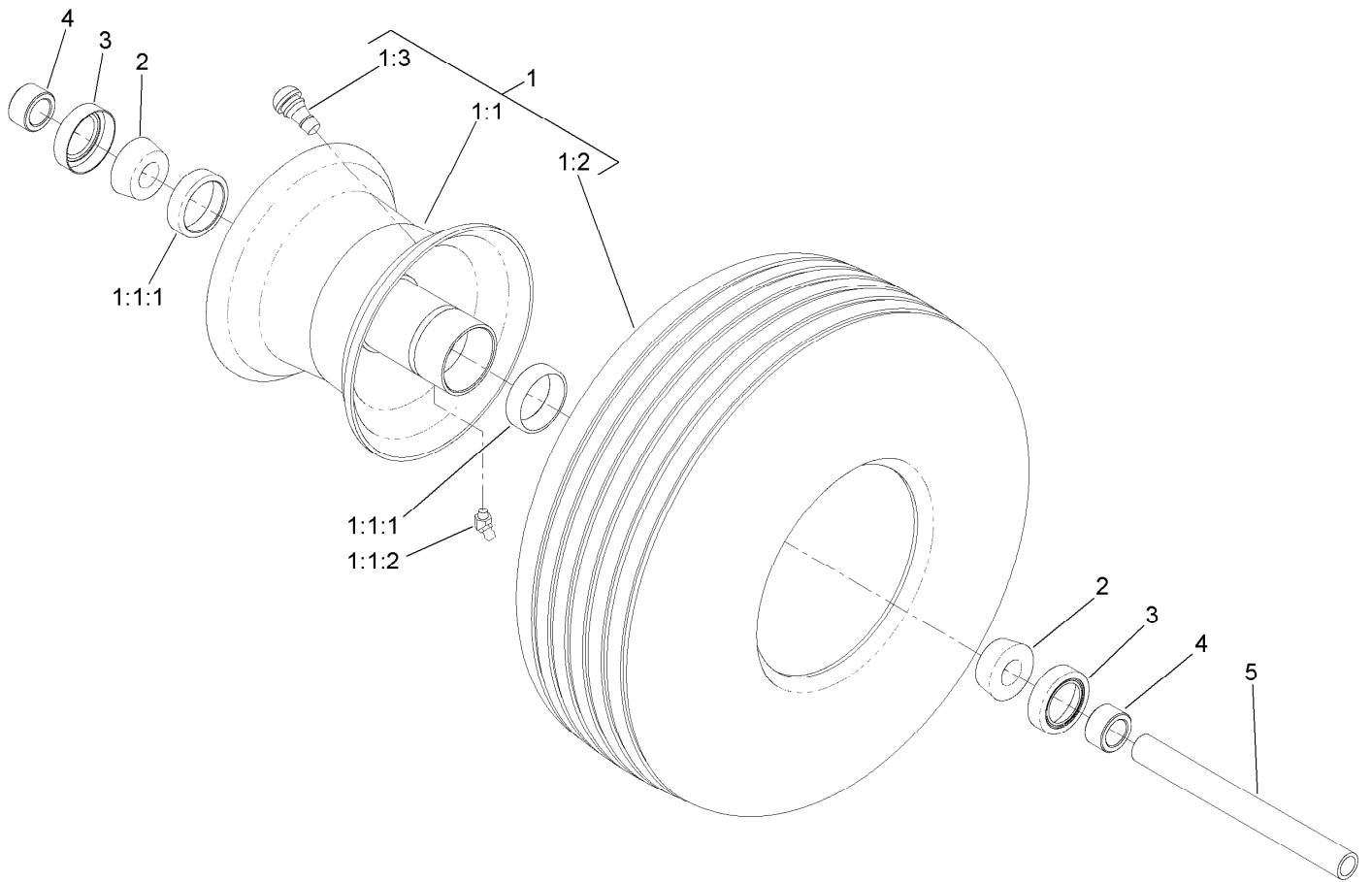
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 112-6353           | 1           | Seal Kit           |
| 1:1         |                    | 1           | O-Ring ●           |
| 1:2         |                    | 1           | O-Ring ●           |
| 1:3         |                    | 1           | Backup ●           |
| 1:4         |                    | 1           | Seal-Bp ●          |
| 1:5         |                    | 1           | Seal-Rod ●         |
| 1:6         |                    | 1           | Seal-Dust ●        |

● Not serviced separately



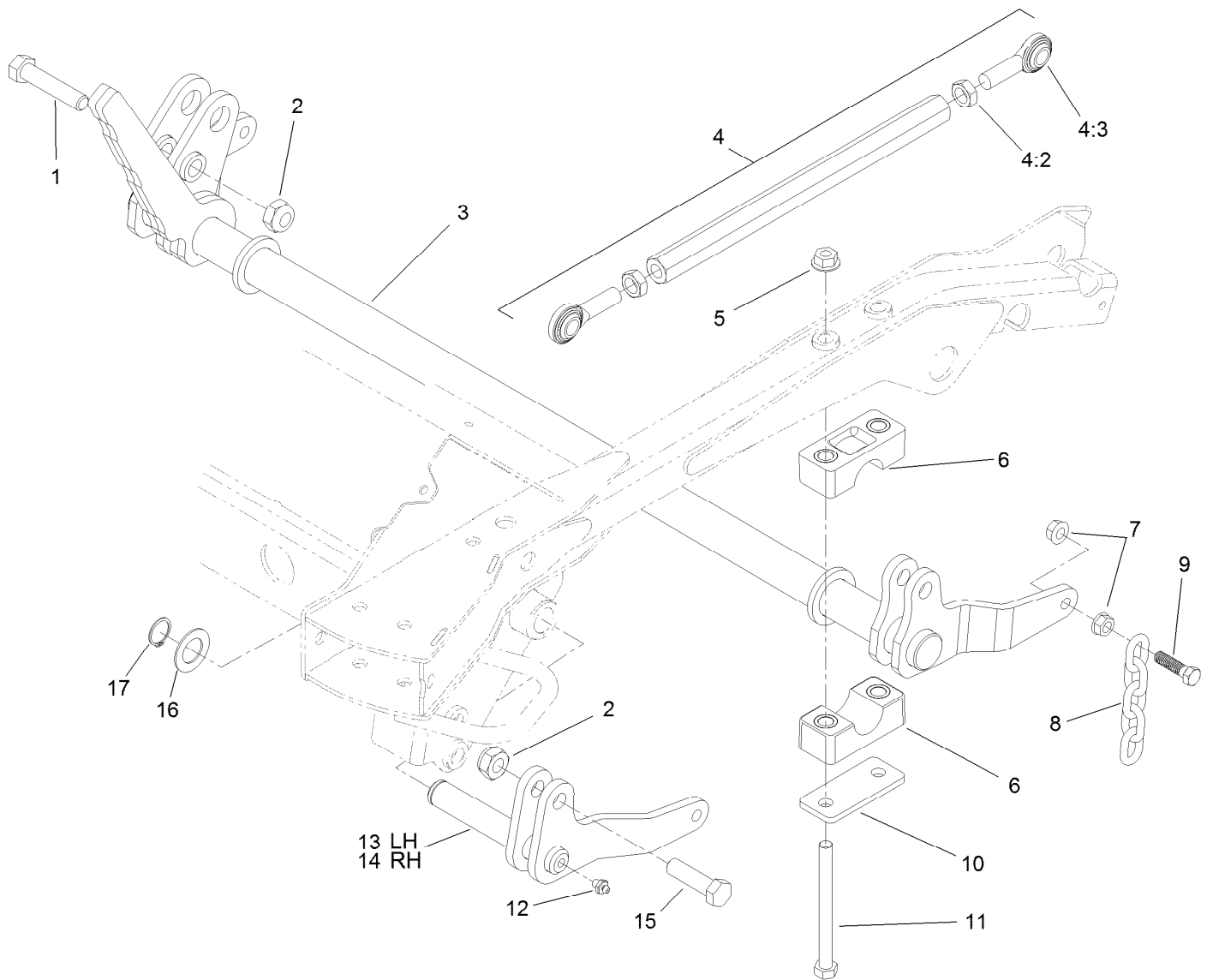
## Caster Wheel Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 1           | 108-9950           | 2           | Cap-Grease            |
| 2           | 3296-51            | 2           | Nut-Lock, NI          |
| 3           | 108-9957           | 6           | Washer-Belleville     |
| 4           | 254-106            | 4           | Cone-Bearing, Tapered |
| 5           | 69-2980            | 2           | Seal                  |
| 6           | 108-9946-03        | 2           | Fork-Caster           |
| 7           | 133-4723           | 2           | Caster Wheel ASM      |
| 8           | 325-39             | 2           | Screw-HH              |
| 9           | 3296-25            | 2           | Nut-Lock, NI          |



## Caster Wheel Assembly No. 133-4723

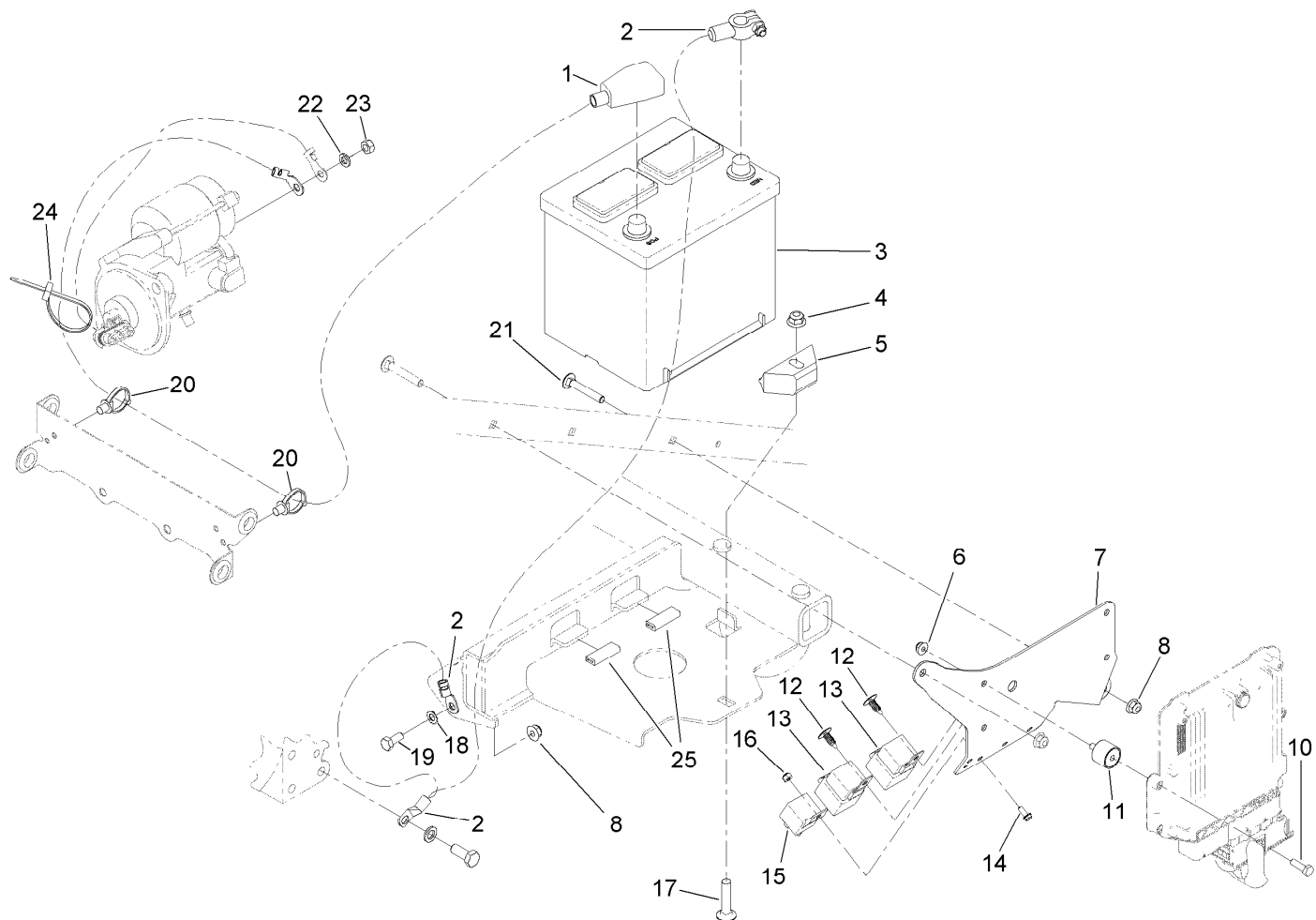
| Ref.  | Part Number | Qty. | Description          |
|-------|-------------|------|----------------------|
| 1     | 133-4730    | 1    | Tire And Wheel ASM   |
| 1:1   | 133-4725    | 1    | Wheel                |
| 1:1:1 | 1-633584    | 2    | Bearing-Cup          |
| 1:1:2 | 302-11      | 1    | Fitting-Lube, 45 DEG |
| 1:2   | 133-4724    | 1    | Tire                 |
| 1:3   | 5108        | 1    | Valve                |
| 2     | 1-633585    | 2    | Bearing-Cone, Taper  |
| 3     | 1-633580    | 2    | Seal-Bearing         |
| 4     | 1-633581    | 2    | Spacer-Bearing       |
| 5     | 1-633959    | 1    | Spacer-Caster, Front |



## Deck Lift Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 104-5895    | 1    | Screw-HH            |
| 2    | 3296-61     | 4    | Nut-Lock            |
| 3    | 117-9220-03 | 1    | Shaft-Lift          |
| 4    | 114-4059    | 2    | Link ASM            |
| 4:2  | 3220-6      | 2    | Nut-Jam             |
| 4:3  | 1-633029    | 2    | Balljoint-Spherical |
| 5    | 32128-49    | 4    | Nut-HHF             |
| 6    | 115-0491    | 4    | Cap-Bearing         |
| 7    | 32128-37    | 8    | Nut-HF              |
| 8    | 1-633447    | 4    | Chain-Lift, Deck    |

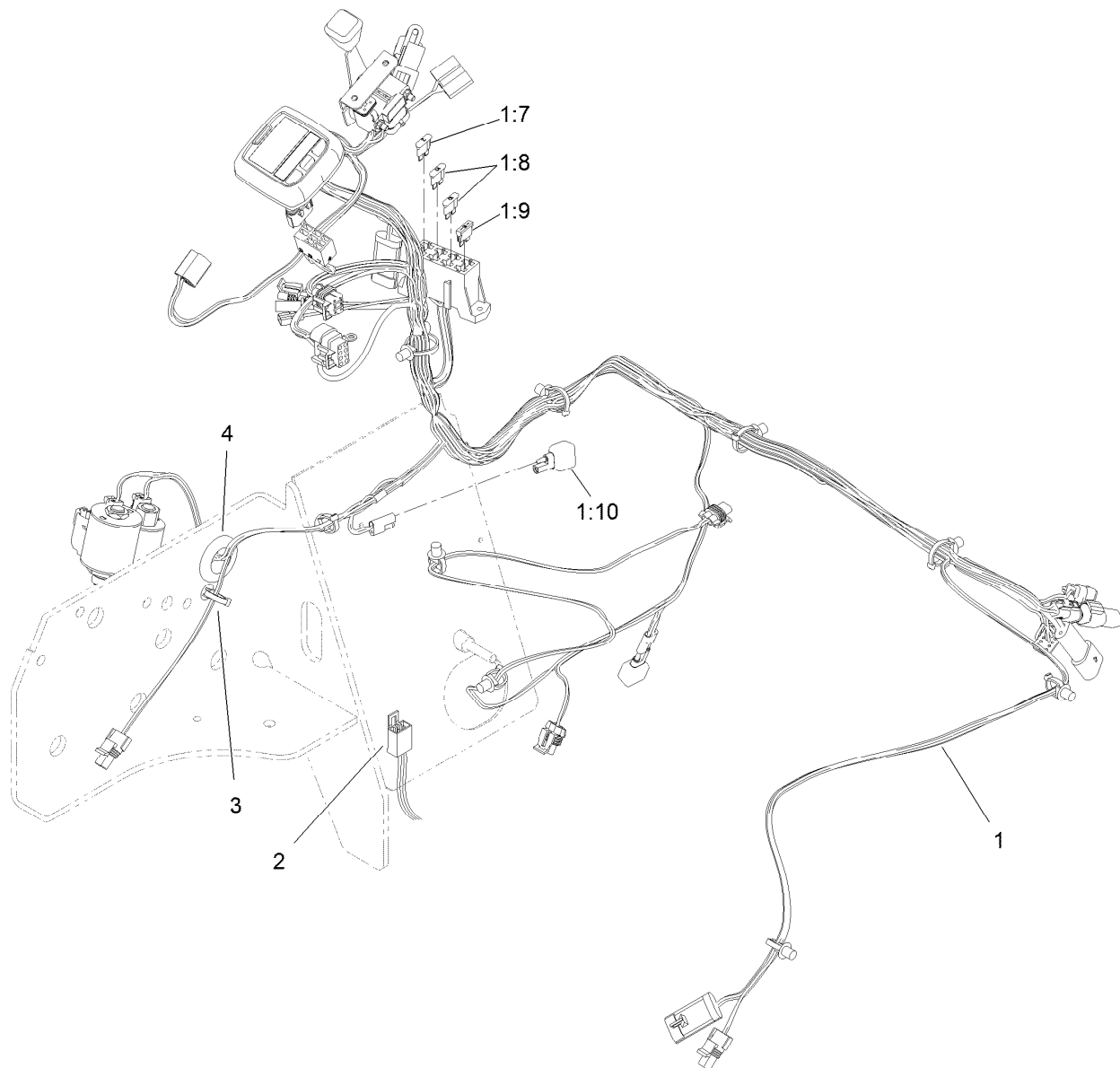
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 9    | 103-1898    | 4    | Screw-HH       |
| 10   | 117-2903    | 2    | Plate-Bearing  |
| 11   | 325-22      | 4    | Screw-HH       |
| 12   | 302-2       | 2    | Fitting-Grease |
| 13   | 110-9818-03 | 1    | Lift-LH        |
| 14   | 110-9820-03 | 1    | Lift-RH        |
| 15   | 327-22      | 3    | Screw-HH       |
| 16   | 69-9010     | 2    | Washer         |
| 17   | 32151-29    | 2    | Ring-Retaining |



## Battery and Relay Assembly

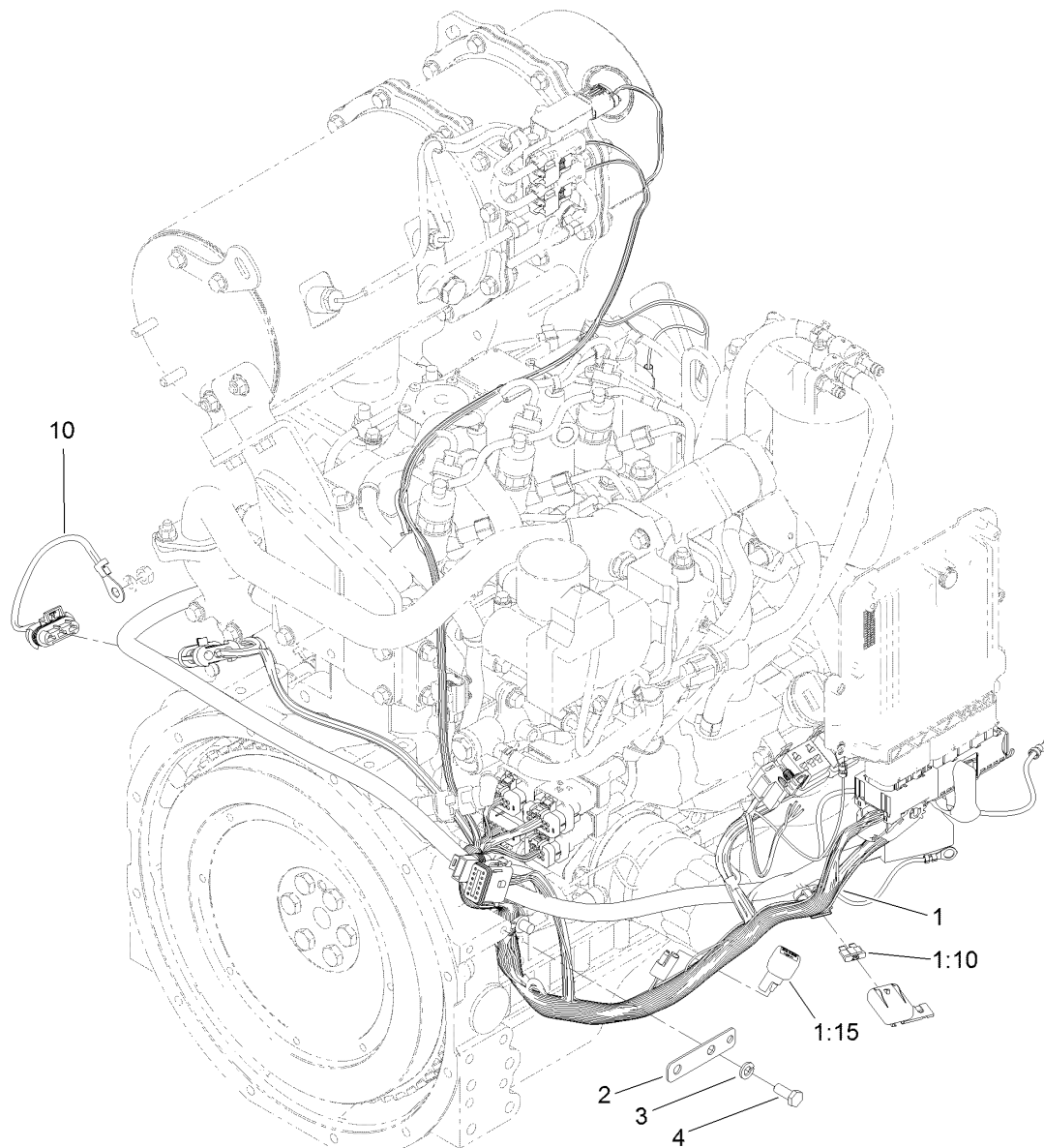
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 108-6327    | 1    | Cable-Battery, Positive |
| 2    | 105-0040    | 1    | Cable-Battery, Negative |
| 3    | 106-5187    | 1    | Battery-Dry             |
| 4    | 104-8301    | 1    | Nut-HF, NI              |
| 5    | 66-2490     | 1    | Retainer-Battery        |
| 6    | 104-7201    | 4    | Nut-HF                  |
| 7    | 120-9148-03 | 1    | Plate-Controller        |
| 8    | 104-8300    | 2    | Nut-HF, NI              |
| 10   | 321-5       | 4    | Screw-HH                |
| 11   | 125-2674    | 4    | Mount-Cylindrical       |
| 12   | 117-2382    | 2    | Plug-Plastic            |
| 13   | 99-7430     | 2    | Relay-Mini              |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 14   | 3290-321    | 1    | Screw-HWH              |
| 15   | 99-7435     | 1    | Relay                  |
| 16   | 3296-2      | 1    | Nut-Lock, NI           |
| 17   | 3231-5      | 1    | Screw-CARR             |
| 18   | 3255-8      | 1    | Washer-Lock            |
| 19   | 322-3       | 1    | Screw-HH               |
| 20   | 32180-030   | 2    | Clip-Tie               |
| 21   | 3230-6      | 1    | Bolt-CARR              |
| 22   | 3253-4      | 1    | Washer-Lock            |
| 23   | 33014-00    | 1    | Nut-Hex                |
| 24   | 3290-378    | 1    | Tie-Cable              |
| 25   | 131-5508    | 2    | Trim-Battery Hold Down |



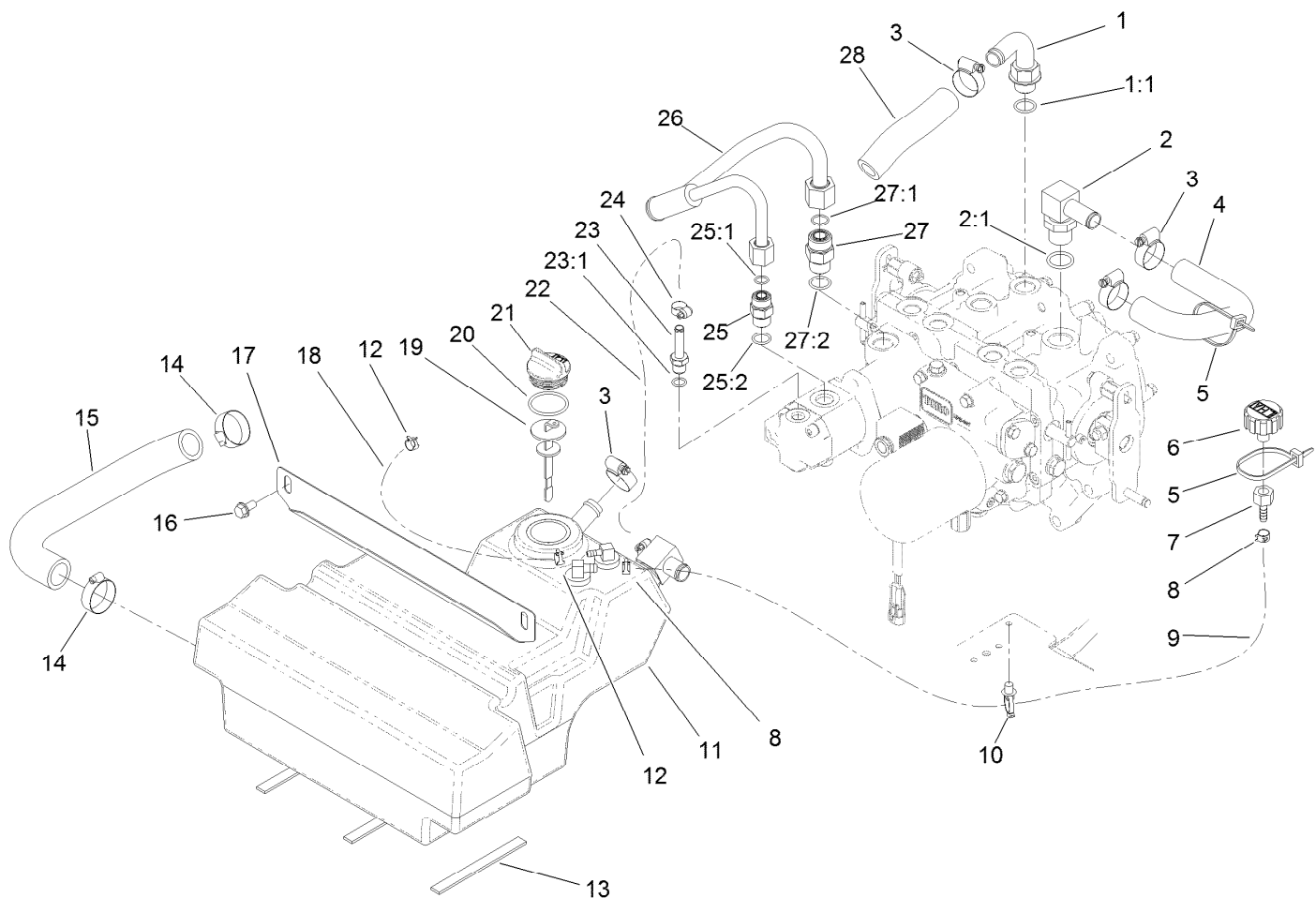
## Main Wire Harness Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 119-4370    | 1    | Harness-Wire, Main |
| 1:7  | 94-6710     | 1    | Fuse-2 Amp         |
| 1:8  | 218-578     | 2    | Fuse-Blade, 10 Amp |
| 1:9  | 109355      | 1    | Fuse-Blade, 15 Amp |
| 1:10 | 100-4918    | 2    | Diode              |
| 2    | 108-8657    | 1    | Harness-Wire, Seat |
| 3    | 3290-378    | 3    | Tie-Cable          |
| 4    | 237-165     | 1    | Grommet            |



## Engine Wire Harness Assembly

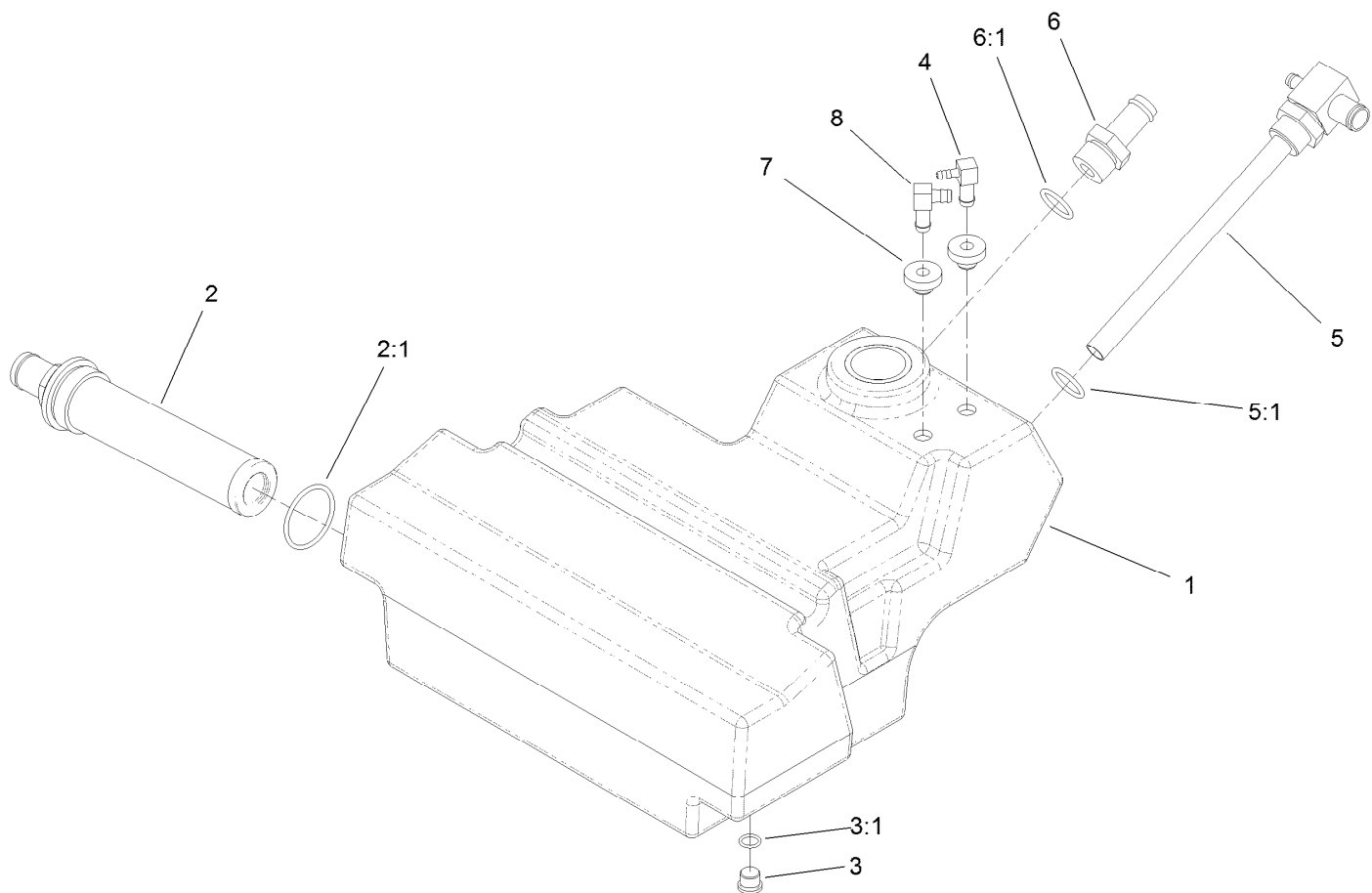
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 119-4371    | 1    | Harness-Wire, Yanmar       |
| 1:10 | 109102      | 1    | Fuse-Blade, 25 Amp         |
| 1:15 | 100-4918    | 3    | Diode                      |
| 2    | 121-5636    | 1    | Tab-Harness                |
| 3    | 3253-4      | 2    | Washer-Lock                |
| 4    | 33114-020   | 2    | Screw-HH                   |
| 10   | 99-3441     | 1    | Harness-Wire, Fusible Link |



## Hydraulic Reservoir Assembly

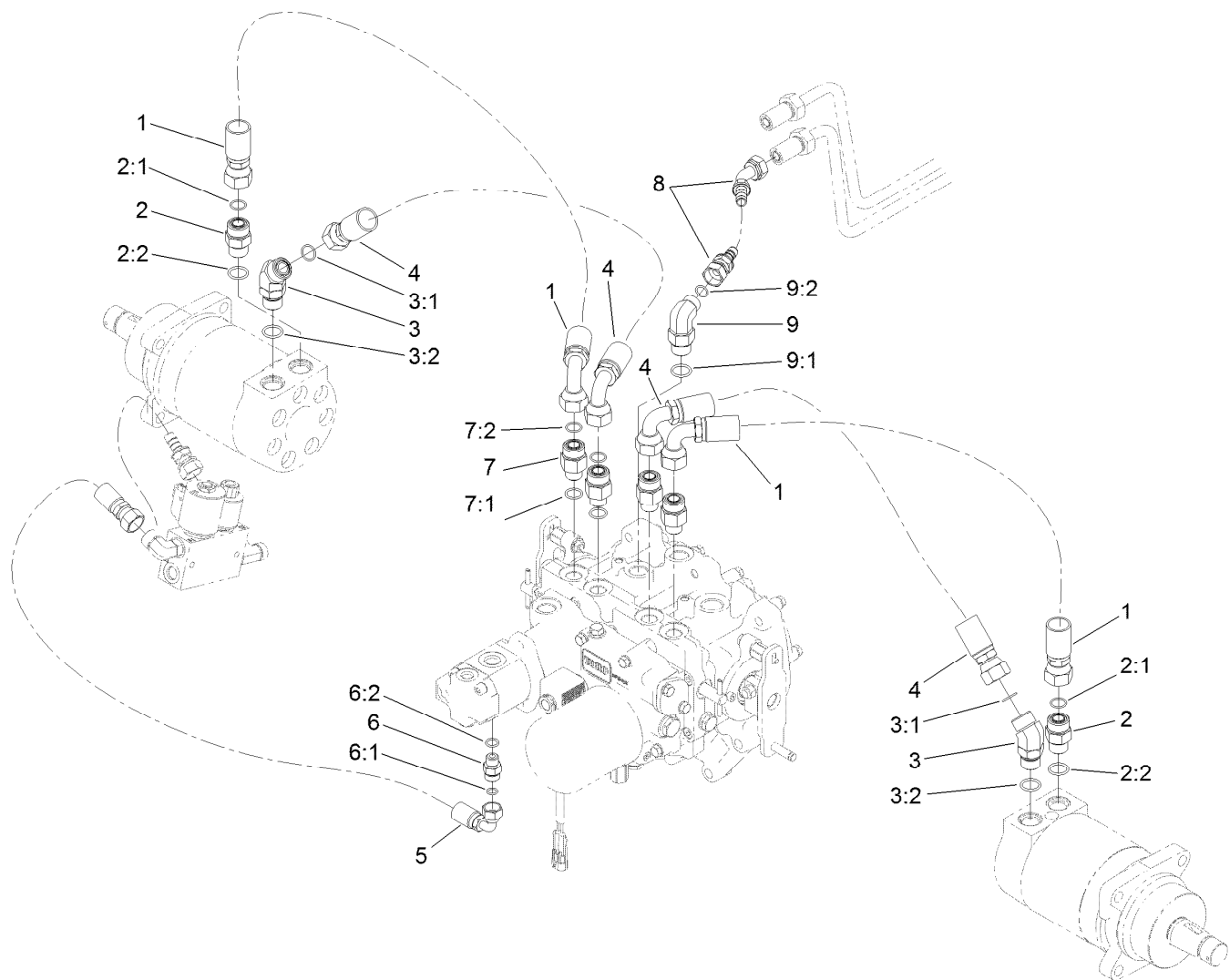
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 110-5522    | 1    | Fitting-Elbow, 90 |
| 1:1  | 237-80      | 1    | O-Ring            |
| 2    | 353-987     | 1    | Fitting-Elbow, 90 |
| 2:1  | 237-81      | 1    | O-Ring            |
| 3    | 2412-129    | 4    | Clamp-Hose        |
| 4    | 110-5524    | 1    | Hose-Return       |
| 5    | 3290-379    | 2    | Tie-Cable         |
| 6    | 68-6150     | 1    | Breather          |
| 7    | 354-95      | 1    | Fitting-Straight  |
| 8    | 92-2379     | 2    | Clamp-Hose        |
| 9    | 110-9662    | 1    | Hose-Fuel         |
| 10   | 32180-030   | 1    | Clip-Tie          |
| 11   | 110-8237    | 1    | HYD Reservoir ASM |
| 12   | 2412-98     | 2    | Clamp-Hose        |
| 13   | 120-0017    | 3    | Strip-Foam        |
| 14   | 2412-34     | 2    | Clamp-Hose        |
| 15   | 110-5526    | 1    | Hose-Suction      |
| 16   | 32144-14    | 2    | Screw-HWHTF       |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 17   | 110-5529-03 | 1    | Support-Reservoir |
| 18   | 109-0299    | 1    | Hose-Fuel         |
| 19   | 112-6365    | 1    | Dipstick          |
| 20   | 94-8166     | 1    | O-Ring            |
| 21   | 93-7498     | 1    | Plug-Plastic      |
| 22   | 94-5625     | 1    | Hose              |
| 23   | 353-979     | 1    | Fitting-STR       |
| 23:1 | 237-42      | 1    | O-Ring            |
| 24   | 2412-108    | 2    | Clamp-Worm        |
| 25   | 340-4       | 1    | Fitting-Straight  |
| 25:1 | 237-30      | 1    | O-Ring            |
| 25:2 | 237-79      | 1    | O-Ring            |
| 26   | 110-5532    | 1    | Tube              |
| 27   | 340-7       | 1    | Fitting-Straight  |
| 27:1 | 237-65      | 1    | O-Ring            |
| 27:2 | 237-80      | 1    | O-Ring            |
| 28   | 112-1680    | 1    | Hose-HYD          |



## Hydraulic Reservoir Assembly No. 110-8237

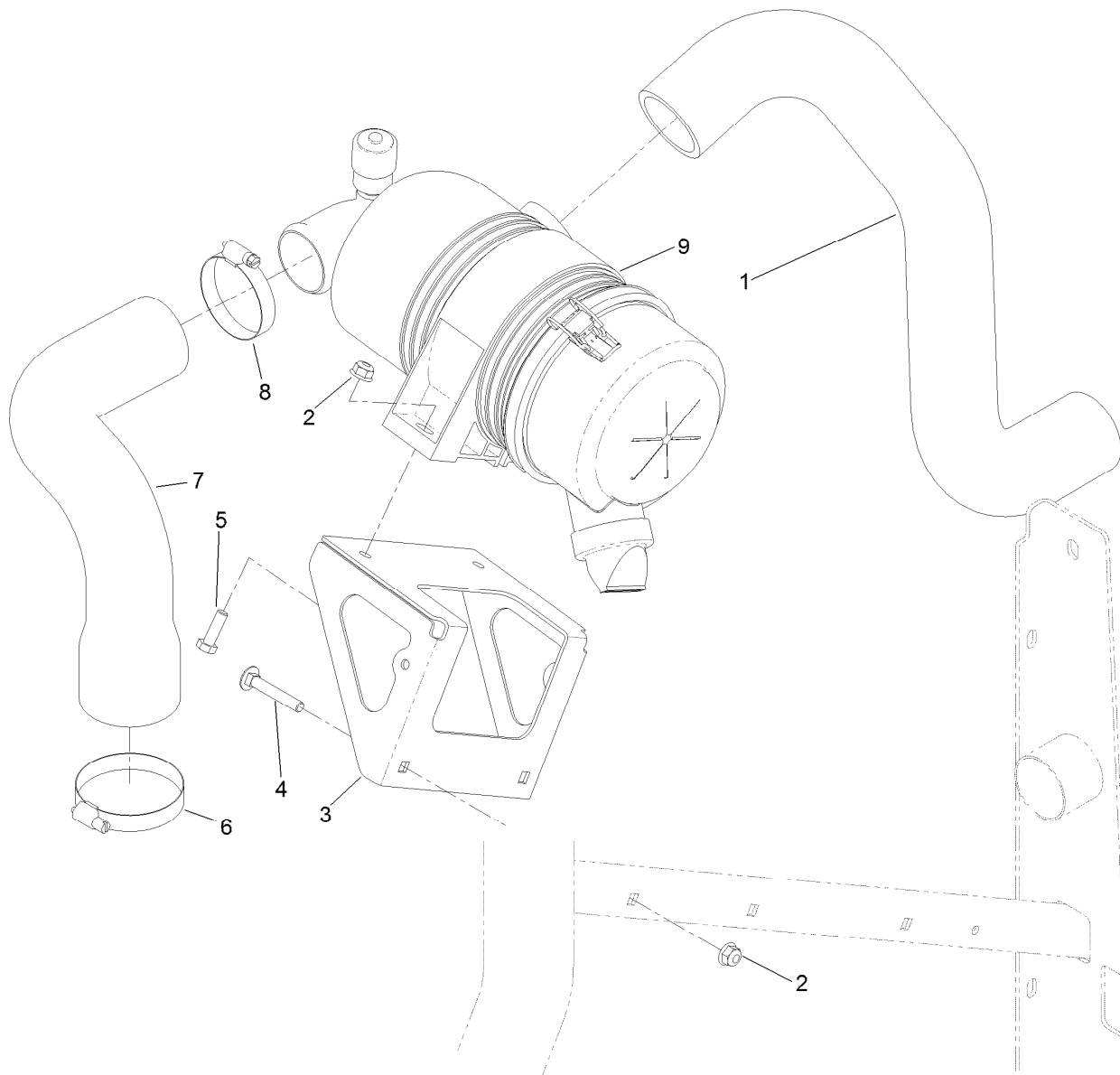
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 108-5200    | 1    | Reservoir-HYD          |
| 2    | 104-7546    | 1    | Tank Strainer ASM      |
| 2:1  | 340-136     | 1    | O-Ring                 |
| 3    | 353-989     | 1    | Plug-Hex, Hollow       |
| 3:1  | 237-42      | 1    | O-Ring                 |
| 4    | 104-5228    | 1    | Fitting-Elbow, 90 DEG  |
| 5    | 108-9894    | 1    | Fitting-Elbow, Special |
| 5:1  | 237-81      | 1    | O-Ring                 |
| 6    | 354-73      | 1    | Fitting                |
| 6:1  | 237-81      | 1    | O-Ring                 |
| 7    | 46-6560     | 2    | Bushing                |
| 8    | 46-6550     | 1    | Fitting-Elbow, 90 DEG  |



## Hydraulic Hose Routing Assembly

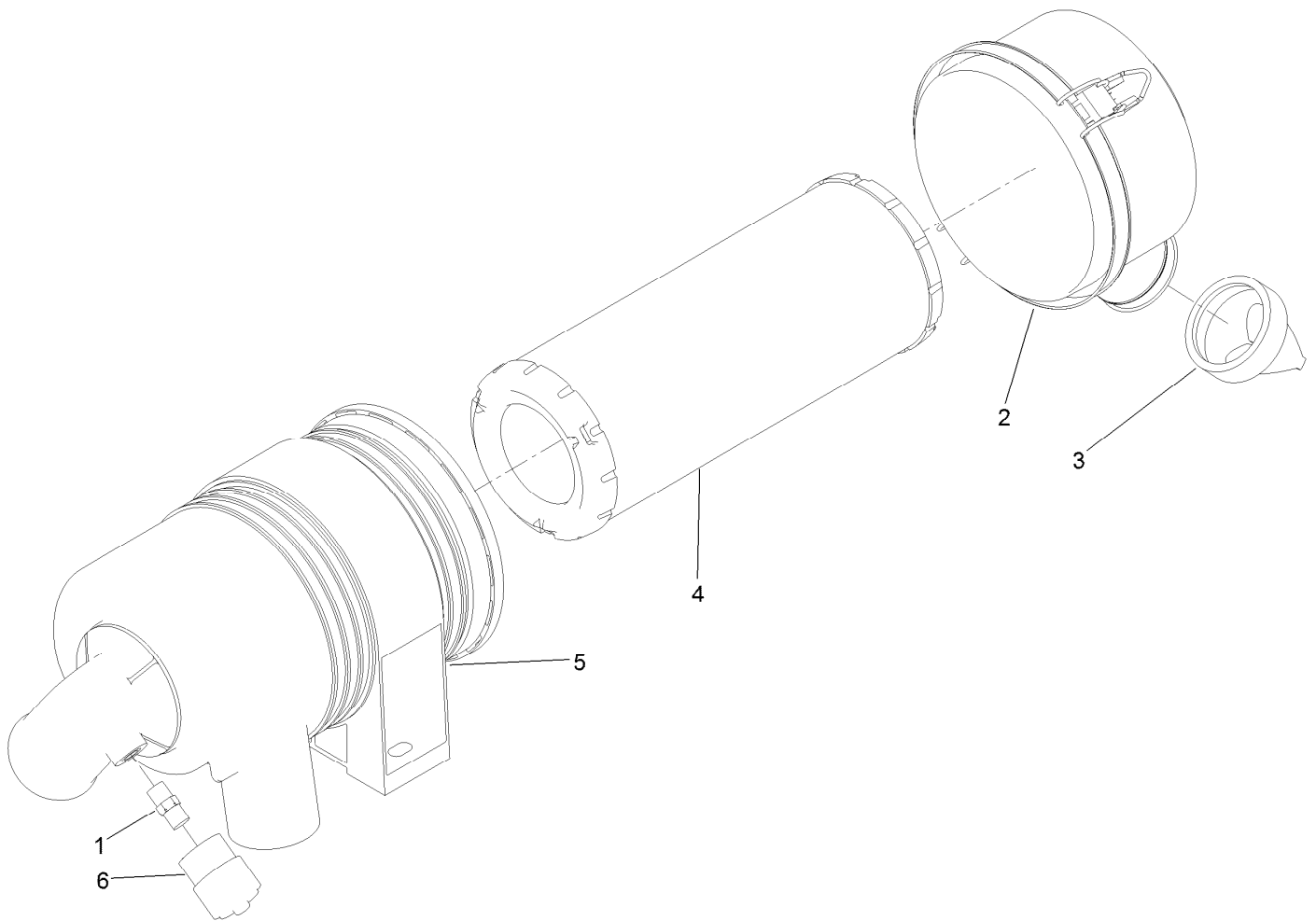
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 112-1683    | 2    | Hose                |
| 2    | 340-7       | 2    | Fitting-Straight    |
| 2:1  | 237-65      | 1    | O-Ring              |
| 2:2  | 237-80      | 1    | O-Ring              |
| 3    | 340-14      | 2    | Fitting-HYD, 45 DEG |
| 3:1  | 237-65      | 1    | O-Ring              |
| 3:2  | 237-80      | 1    | O-Ring              |
| 4    | 110-5518    | 2    | Hose                |
| 5    | 127-4910    | 1    | Hose-HYD            |
| 6    | 340-2       | 1    | Fitting-Straight    |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 6:1  | 237-22      | 1    | O-Ring                |
| 6:2  | 237-42      | 1    | O-Ring                |
| 7    | 340-155     | 4    | Fitting-Straight      |
| 7:1  | 237-79      | 1    | O-Ring                |
| 7:2  | 237-151     | 1    | O-Ring                |
| 8    | 121-3372    | 1    | Hose-HYD              |
| 9    | 340-105     | 1    | Fitting-Elbow, 90 DEG |
| 9:1  | 237-80      | 1    | O-Ring                |
| 9:2  | 237-30      | 1    | O-Ring                |



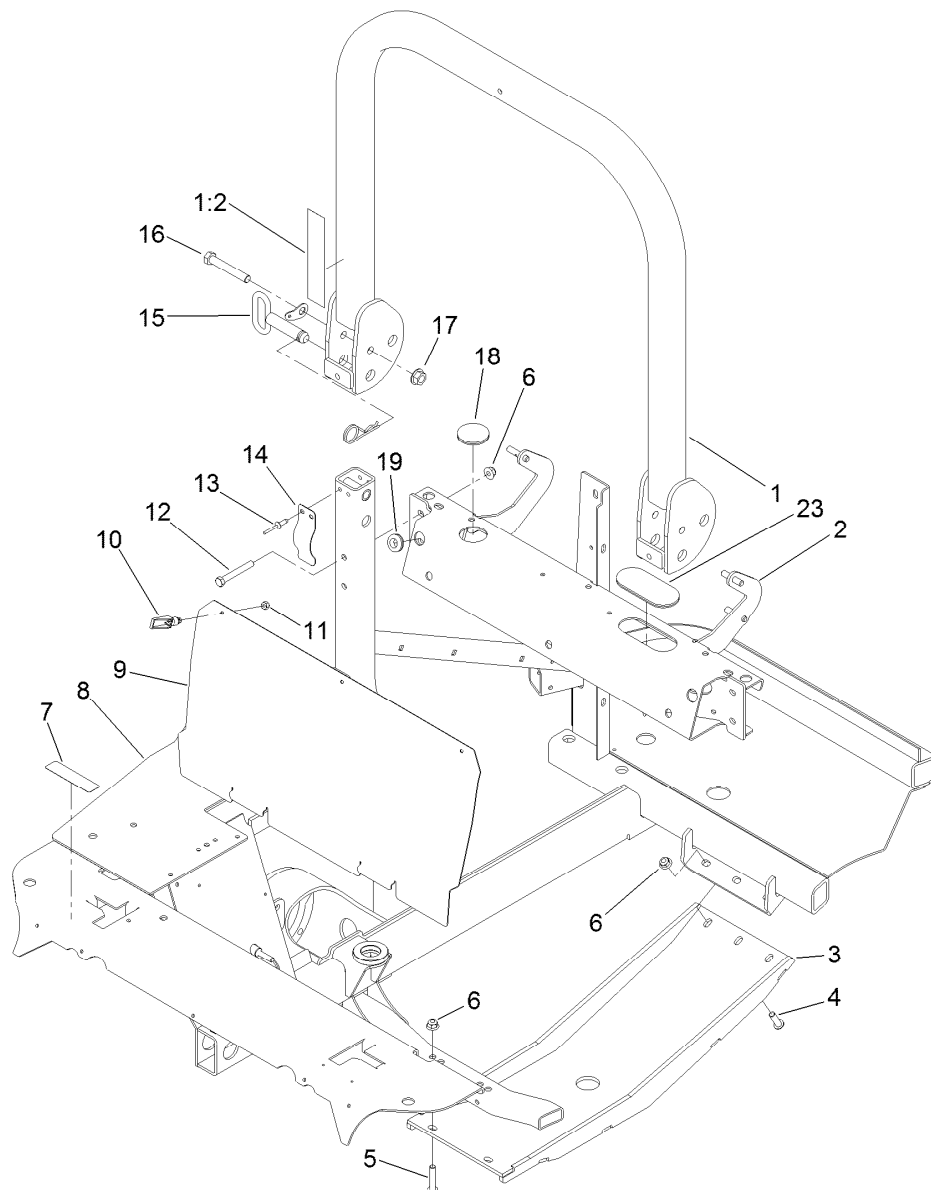
## Air Cleaner Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 120-9177    | 1    | Hose-Air            |
| 2    | 104-8300    | 4    | Nut-HF, NI          |
| 3    | 120-9198-03 | 1    | Bracket-Air Cleaner |
| 4    | 3230-6      | 2    | Bolt-CARR           |
| 5    | 322-5       | 2    | Screw-HH            |
| 6    | 2412-125    | 1    | Clamp-Hose          |
| 7    | 120-9199    | 1    | Hose-Air            |
| 8    | 2412-130    | 1    | Clamp-Hose          |
| 9    | 136-4481    | 1    | Air Cleaner ASM     |



## Air Cleaner Assembly No. 136-4481

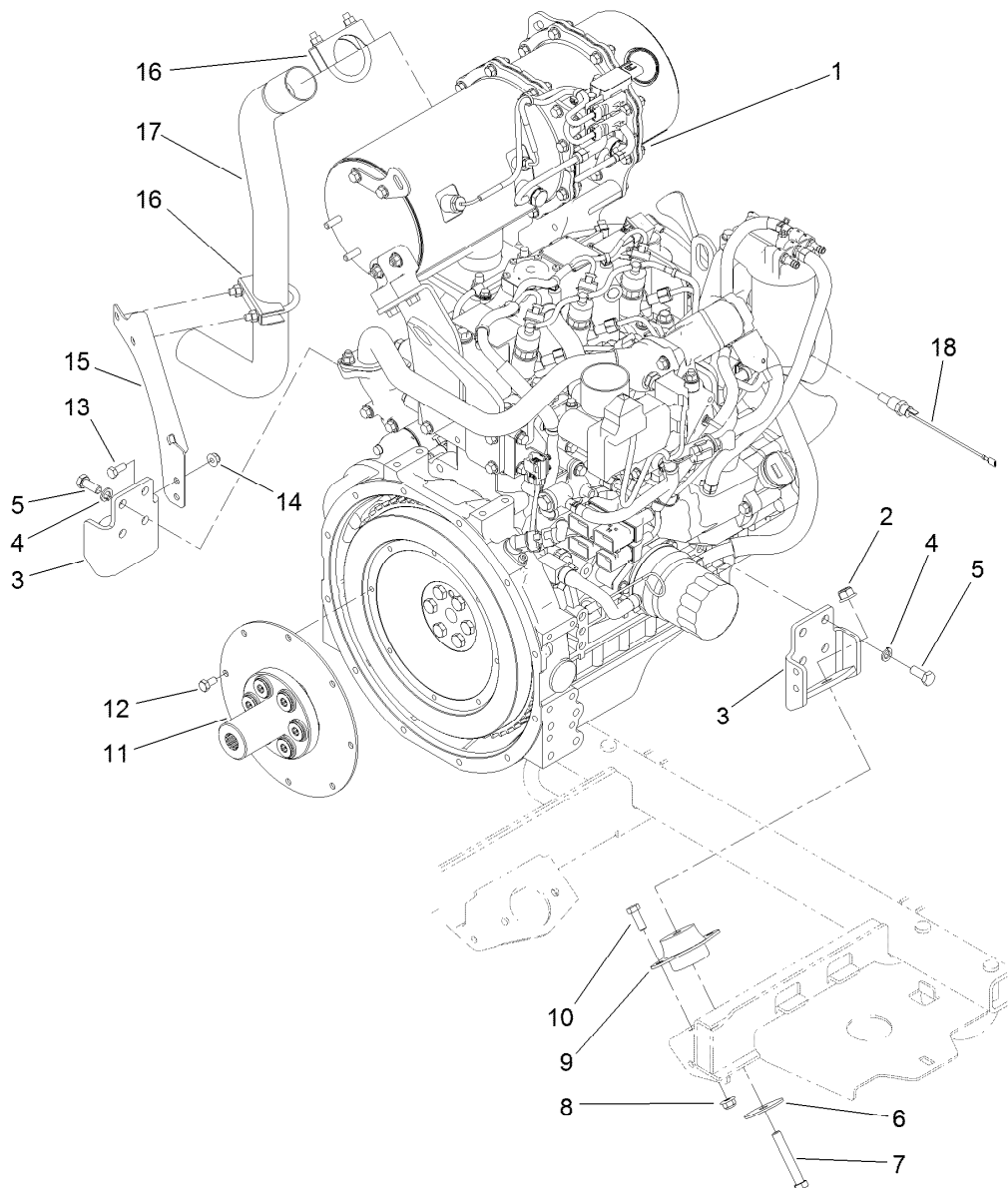
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 94-1416     | 1    | Adapter-Indicator    |
| 2    | 98-9771     | 1    | Cover ASM            |
| 3    | 94-1414     | 1    | Valve-Vacuator       |
| 4    | 108-3810    | 1    | Filter-Air           |
| 5    | 98-4525     | 1    | Bracket-Cleaner, Air |
| 6    | 93-9164     | 1    | Indicator-Mini       |



## Frame and Upper-ROPS Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 110-9770    | 1    | Upper ROPS ASM        |
| 1:2  | 107-3069    | 1    | Decal-Warning         |
| 2    | 132-8155-03 | 1    | Crossmember ASM       |
| 3    | 125-2660-03 | 1    | Skid                  |
| 4    | 3274-63     | 3    | Screw-HSBH            |
| 5    | 3274-107    | 2    | Screw-HSBH            |
| 6    | 104-8301    | 9    | Nut-HF, NI            |
| 7    | 133-8062    | 1    | Decal-Arrestor, Spark |
| 8    | 120-0060-03 | 1    | Frame-Rear            |
| 9    | 121-3381-03 | 1    | Panel-Rear            |
| 10   | 74-5950     | 3    | Latch-Swell           |

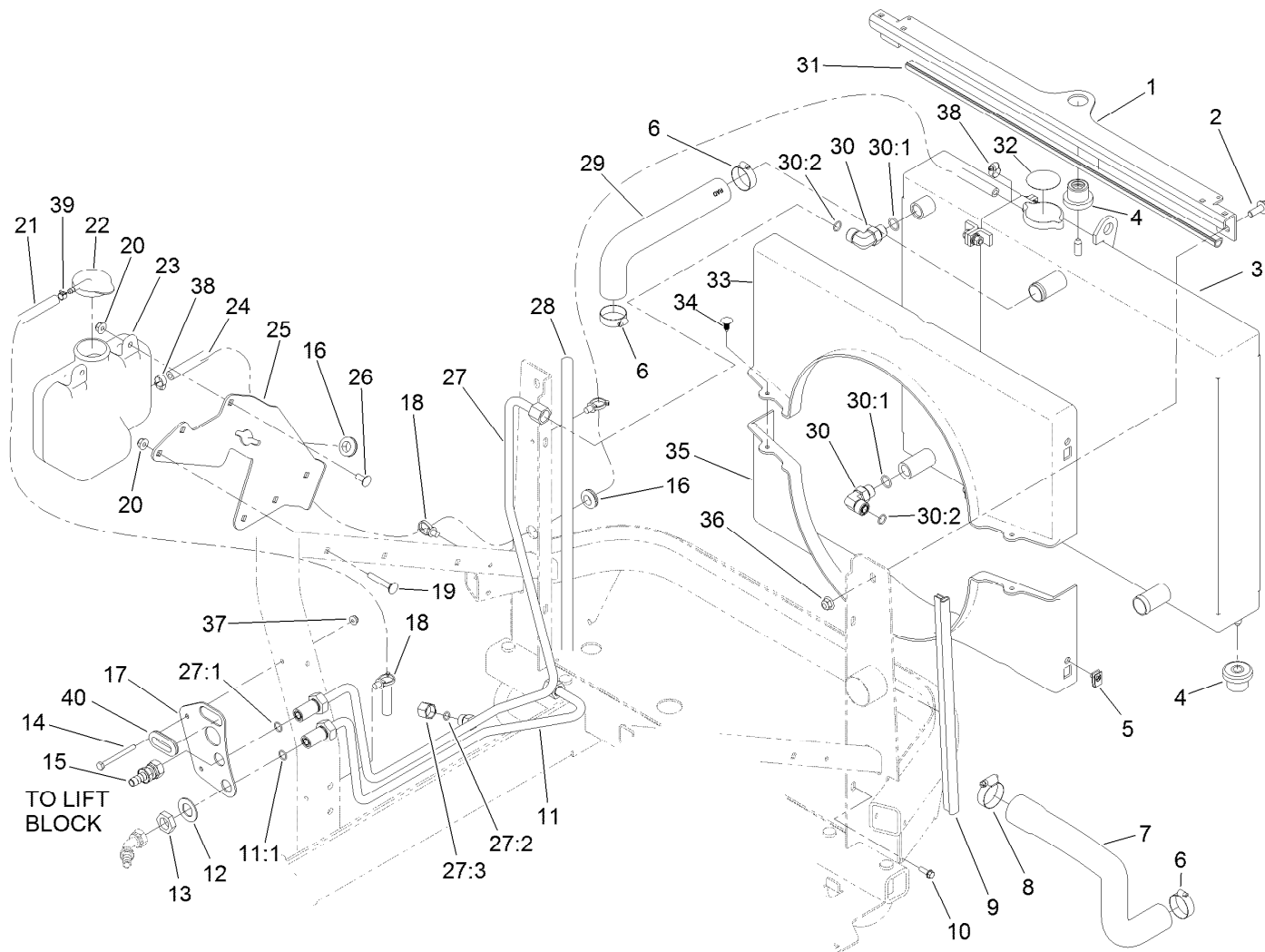
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 11   | 1-804254    | 3    | Nut-Lock, HH   |
| 12   | 323-13      | 4    | Screw-HH       |
| 13   | 3290-412    | 4    | Rivet-Blind    |
| 14   | 110-5696    | 2    | Spring-Leaf    |
| 15   | 103-4553    | 2    | Pin-Fold, ROPS |
| 16   | 112-7264    | 2    | Screw-HH       |
| 17   | 32128-23    | 2    | Nut-HF         |
| 18   | 105-5761    | 1    | Grommet        |
| 19   | 237-124     | 2    | Grommet        |
| 23   | 130-6086    | 1    | Grommet        |



## Engine Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 120-9160    | 1    | Engine-Yanmar, Diesel |
| 2    | 114-8417    | 2    | Nut-HF, NI            |
| 3    | 120-9180-03 | 2    | Mount-Motor, Upper    |
| 4    | 48-9590     | 8    | Washer-Lock           |
| 5    | 33115-025   | 8    | Screw-HH              |
| 6    | 87-5100     | 2    | Washer-Snubbing       |
| 7    | 324-11      | 2    | Screw-HH              |
| 8    | 104-8301    | 4    | Nut-HF, NI            |
| 9    | 130-2486    | 2    | Mount                 |

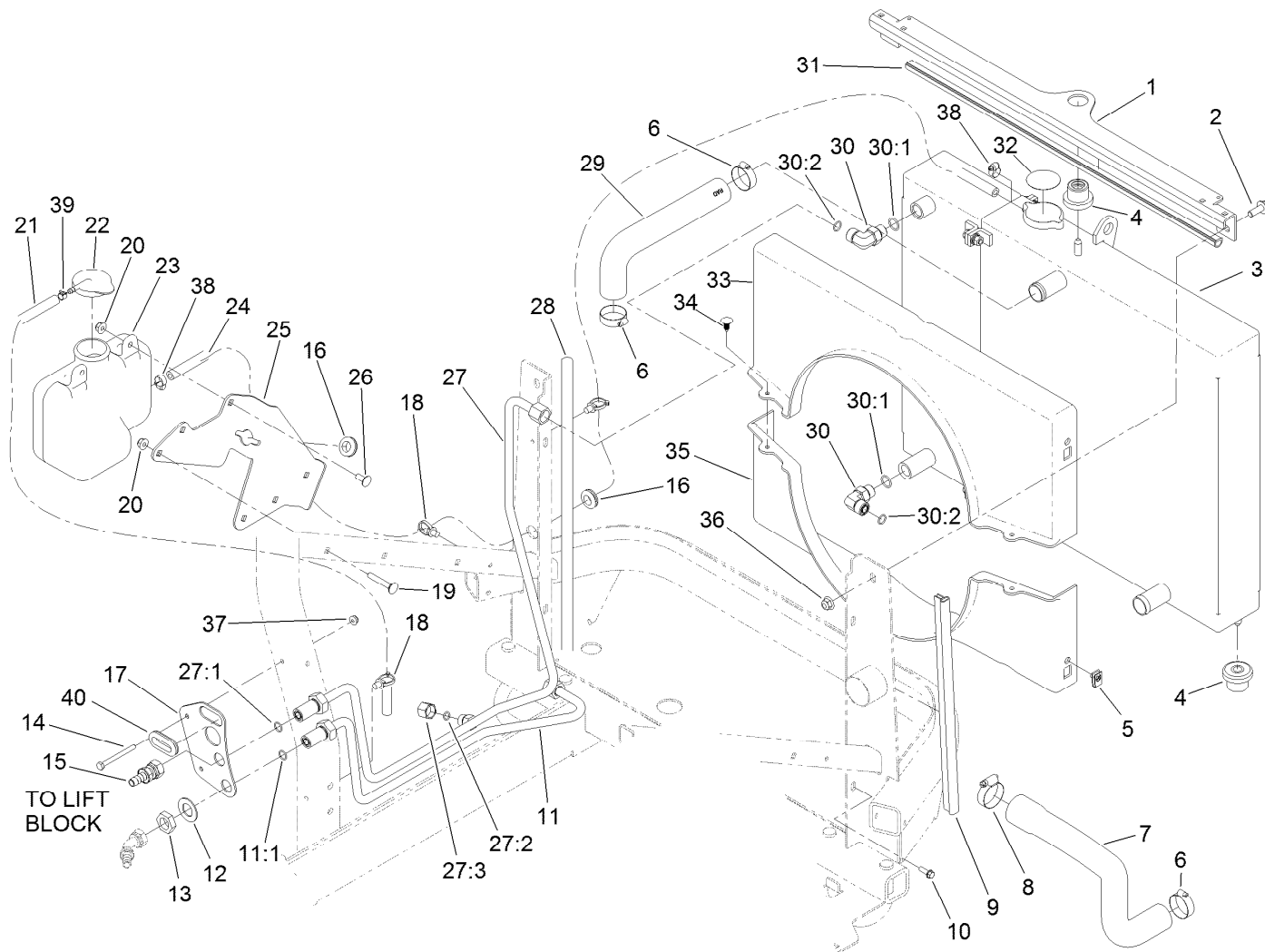
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 10   | 323-6       | 4    | Screw-HH          |
| 11   | 120-9131    | 1    | Coupling-Flywheel |
| 12   | 99-5132     | 8    | Bolt              |
| 13   | 104-8300    | 2    | Nut-HF, NI        |
| 14   | 322-3       | 2    | Screw-HH          |
| 15   | 127-6450-03 | 1    | Support-Exhaust   |
| 16   | 18-2130     | 2    | Clamp             |
| 17   | 120-9137    | 1    | Tube-Exhaust      |
| 18   | 112-6347    | 1    | Switch-Temp, Dual |



## Radiator Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 120-0068-03 | 1    | Bracket-Cooling, Top |
| 2    | 3234-42     | 2    | Screw-HHF            |
| 3    | 121-3330    | 1    | Cooling ASM          |
| 4    | 119-1422    | 3    | Mount-Isolator       |
| 5    | 107069      | 4    | Clip                 |
| 6    | 2412-34     | 3    | Clamp-Hose           |
| 7    | 121-3322    | 1    | Hose-Radiator, Lower |
| 8    | 2412-3      | 1    | Clamp-Hose           |
| 9    | 120-9146    | 2    | Seal-Bulb            |
| 10   | 32105-15    | 4    | Screw-HWH            |
| 11   | 121-3324    | 1    | HYD Tube ASM         |
| 11:1 | 237-30      | 1    | O-Ring               |
| 12   | 69-8930     | 2    | Washer               |
| 13   | 340-127     | 2    | Nut-Bulkhead         |
| 14   | 321-14      | 2    | Screw-HH             |
| 15   | 121-3373    | 1    | Hose-HYD             |
| 16   | 237-124     | 2    | Grommet              |
| 17   | 131-5527    | 1    | Bracket-Bulkhead     |
| 18   | 32180-030   | 3    | Clip-Tie             |
| 19   | 3230-6      | 2    | Bolt-CARR            |
| 20   | 104-8300    | 4    | Nut-HF, NI           |

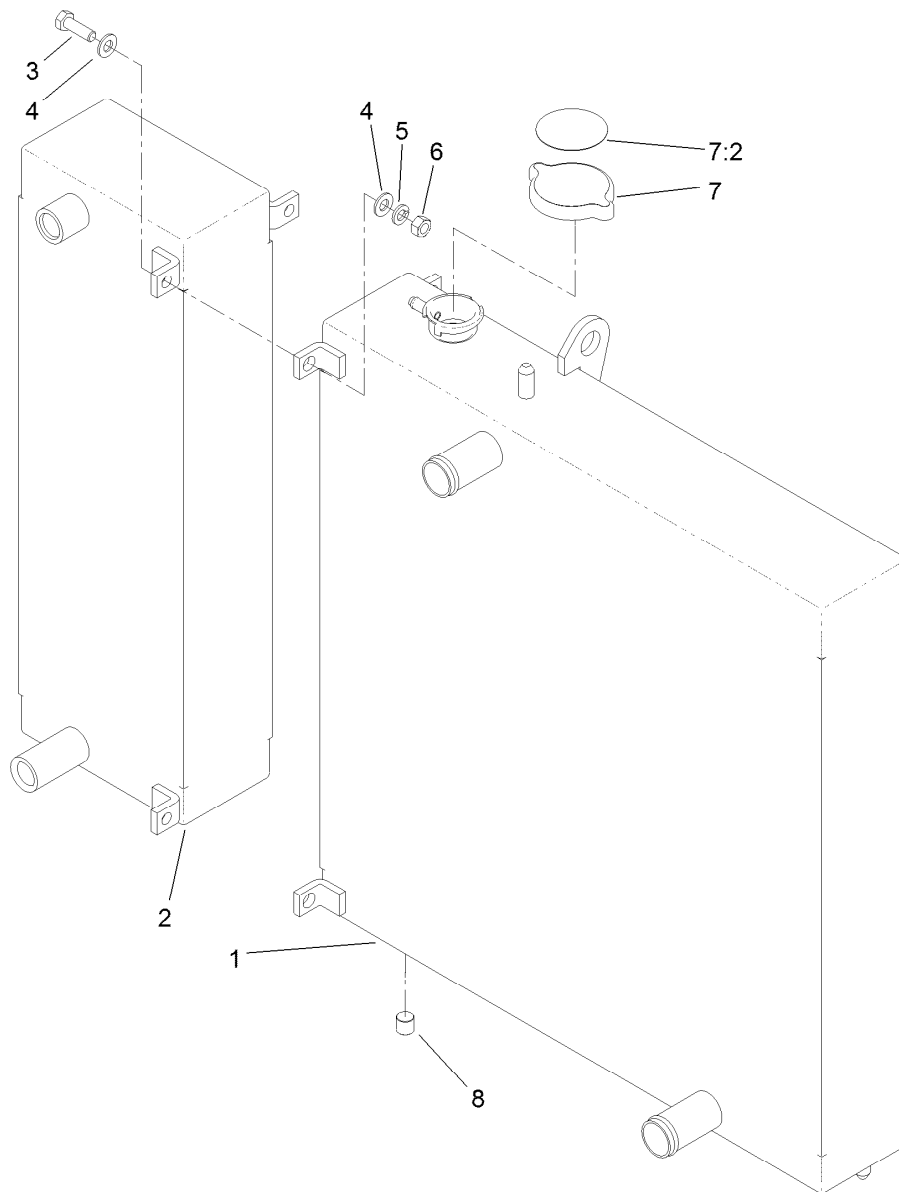
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 21   | 110-8255    | 1    | Hose-Fuel             |
| 22   | 1-643164    | 1    | Cap-Tank, Overflow    |
| 23   | 125-2651    | 1    | Bottle-Overflow       |
| 24   | 110-3258    | 1    | Hose-Fuel             |
| 25   | 125-2656-03 | 1    | Bracket-Bottle        |
| 26   | 3230-23     | 2    | Screw-CARR            |
| 27   | 121-3323    | 1    | HYD Tube ASM          |
| 27:1 | 237-30      | 1    | O-Ring                |
| 27:2 | 237-22      | 1    | O-Ring                |
| 27:3 | 340-117     | 1    | Cap                   |
| 28   | 119-1426    | 2    | Seal-Bulb             |
| 29   | 121-3321    | 1    | Hose-Radiator, Upper  |
| 30   | 340-98      | 2    | Fitting-Elbow, 90 DEG |
| 30:1 | 237-79      | 1    | O-Ring                |
| 30:2 | 237-30      | 1    | O-Ring                |
| 31   | 119-1427    | 2    | Seal-Bulb             |
| 32   | 117-3276    | 1    | Decal-Danger          |
| 33   | 121-3312    | 1    | Shroud-Top            |
| 34   | 117-2382    | 2    | Plug-Plastic          |
| 35   | 121-3311    | 1    | Shroud-Bottom         |
| 36   | 104-8301    | 2    | Nut-HF, NI            |



## Radiator Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 37   | 104-7201    | 2    | Nut-HF      |
| 38   | 2412-108    | 1    | Clamp-Worm  |

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 39   | 2412-80     | 1    | Clamp-Hose     |
| 40   | 240-3       | 1    | Grommet-Rubber |



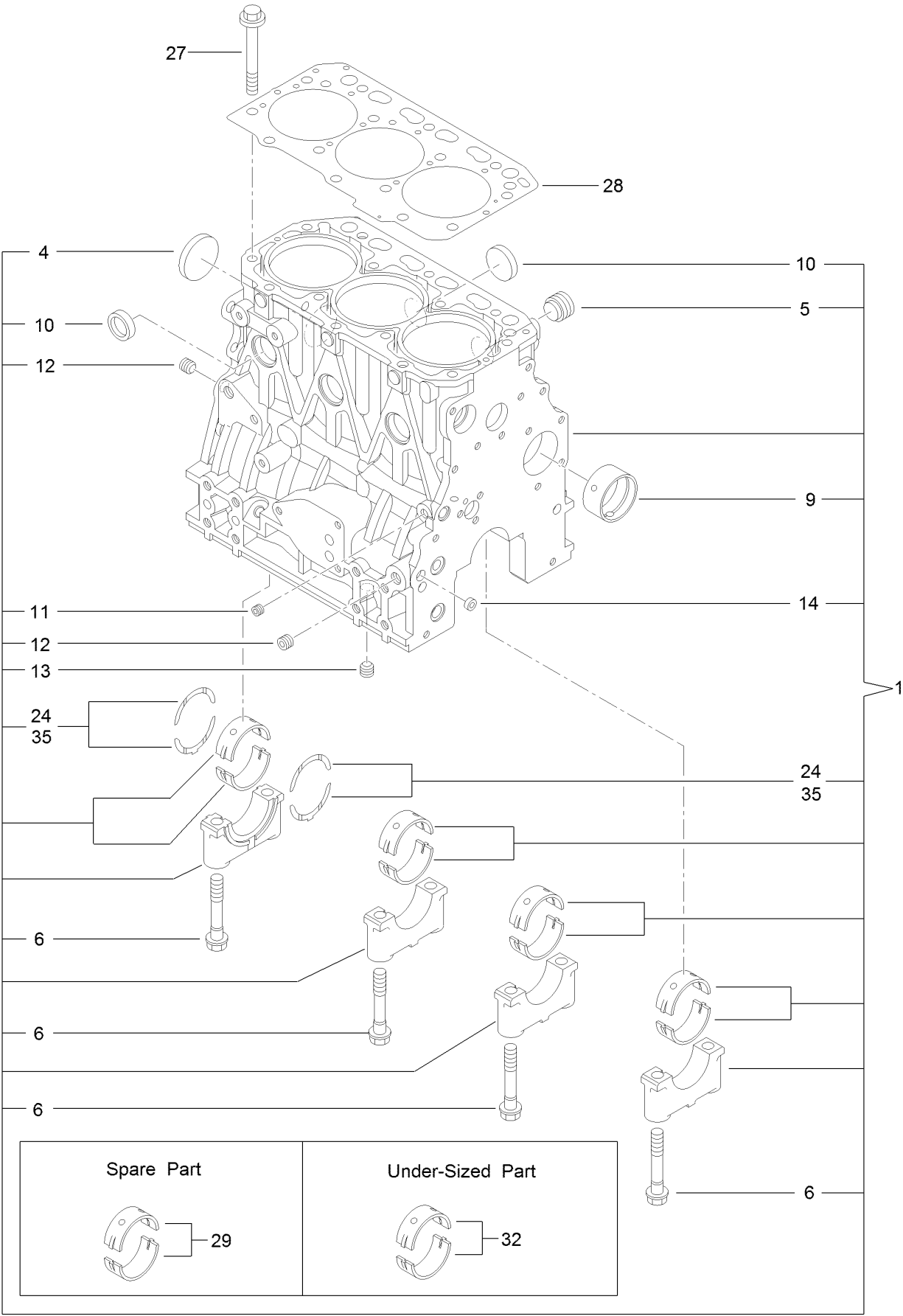
## Cooling Assembly No. 121-3330

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 121-3328    | 1    | Radiator         |
| 2    | 121-3329    | 1    | Oil Cooler       |
| 3    | 322-5       | 3    | Screw-HH         |
| 4    | 3256-23     | 6    | Washer-Plain     |
| 5    | 3253-4      | 3    | Washer-Lock      |
| 6    | 3217-6      | 3    | Nut-Hex          |
| 7    | 119-1430    | 1    | Radiator Cap ASM |
| 7:2  | 117-3276    | 1    | Decal-Danger     |
| 8    | 99-8551     | 1    | Plug-Pipe        |



| <b>Ref.</b> | <b>Part Number</b> | <b>Qty.</b> | <b>Description</b> |
|-------------|--------------------|-------------|--------------------|
| 12          | 3274-39            | 4           | Screw-HSBH         |
| 13          | 3256-4             | 3           | Washer-Flat        |
| 14          | 120-9129           | 1           | Prop-Hood          |
| 15          | 3234-4             | 5           | Screw-HHF          |
| 16          | 103-2898           | 2           | Latch-Rubber       |
| 17          | 3290-255           | 3           | Pin-Cotter, Hair   |
| 18          | 121-3335           | 2           | Seal-Foam          |
| 19          | 120-9161           | 1           | Seal-Bulb          |
| 20          | 120-9139-03        | 1           | Shield-Air         |
| 21          | 107069             | 3           | Clip               |
| 22          | 92-3911            | 2           | Screw-HSBH         |

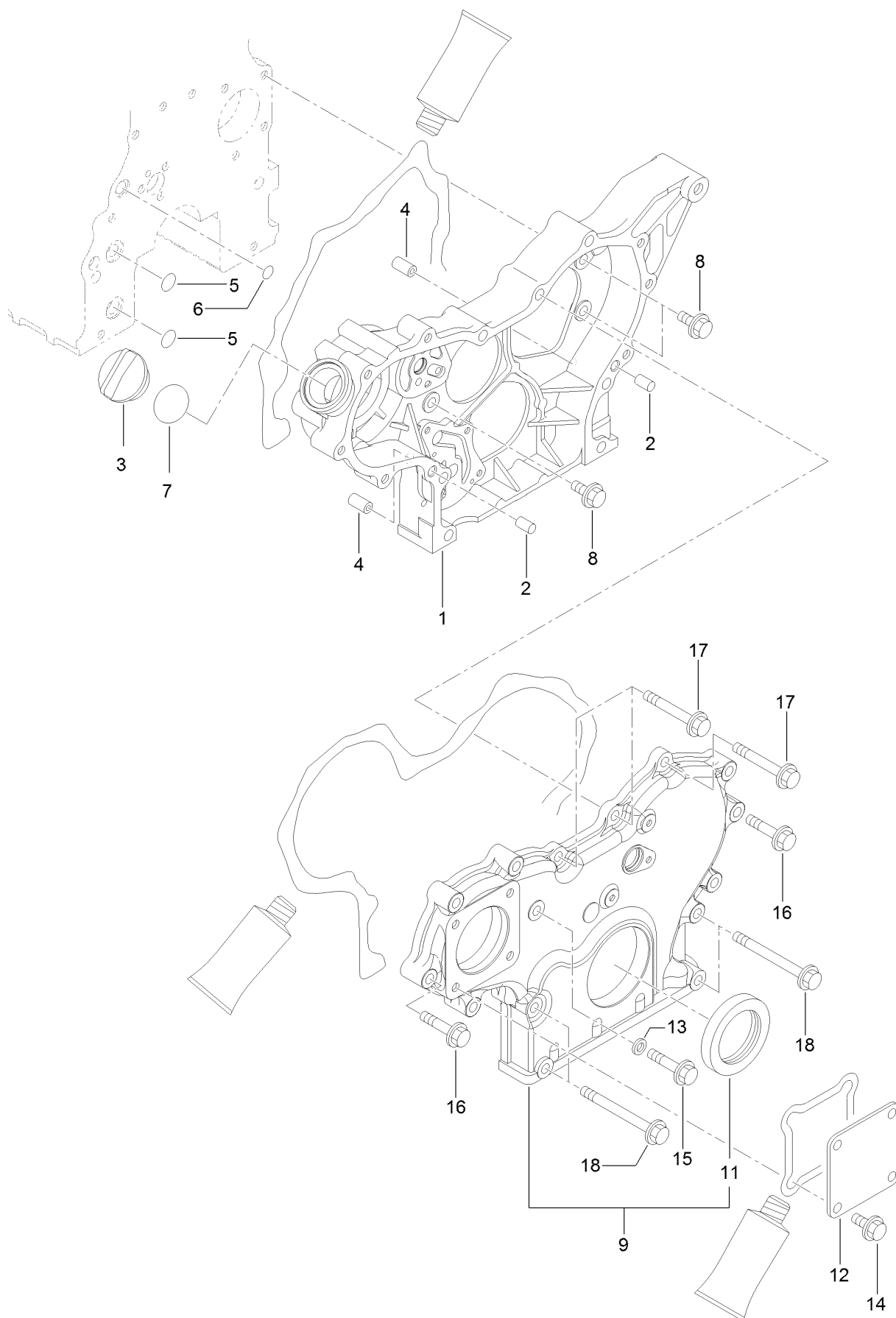
# Cylinder Block Assembly



## 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          | 125-6973           | 1           | Plug                |
| 4           | 125-6980           | 1           | Plug               | 14          | 125-7237           | 1           | Plug                |
| 5           | 125-7170           | 1           | Plug               | 24          | 125-7010           | 2           | Metal-Thrust        |
| 6           | 125-7007           | 8           | Bolt               | 27          | 125-7006           | 14          | Bolt                |
| 9           | 125-7108           | 1           | Bushing            | 28          | 127-4716           | 1           | Head Gasket ASM     |
| 10          | 125-7239           | 6           | Plug               | 29          | 125-6981           | 4           | Metal-Main          |
| 11          | 125-6969           | 1           | Plug               | 32          | 125-7009           | 4           | Metal-Main (0.25)   |
| 12          | 125-6973           | 2           | Plug               | 35          | 125-7011           | 1           | Metal-Thrust (0.25) |

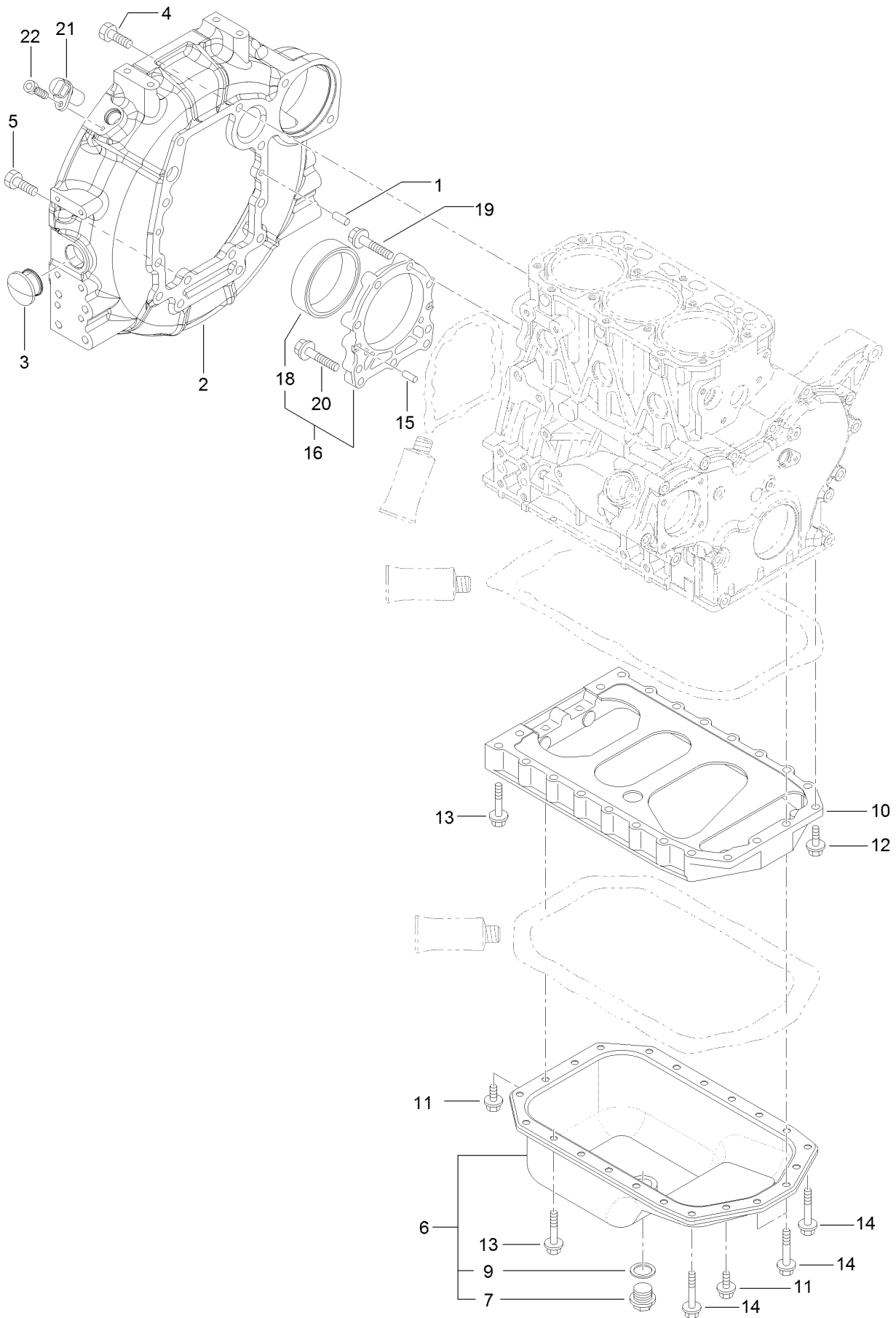
## Gear Housing Assembly



## 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 |             |                    |             |                    |

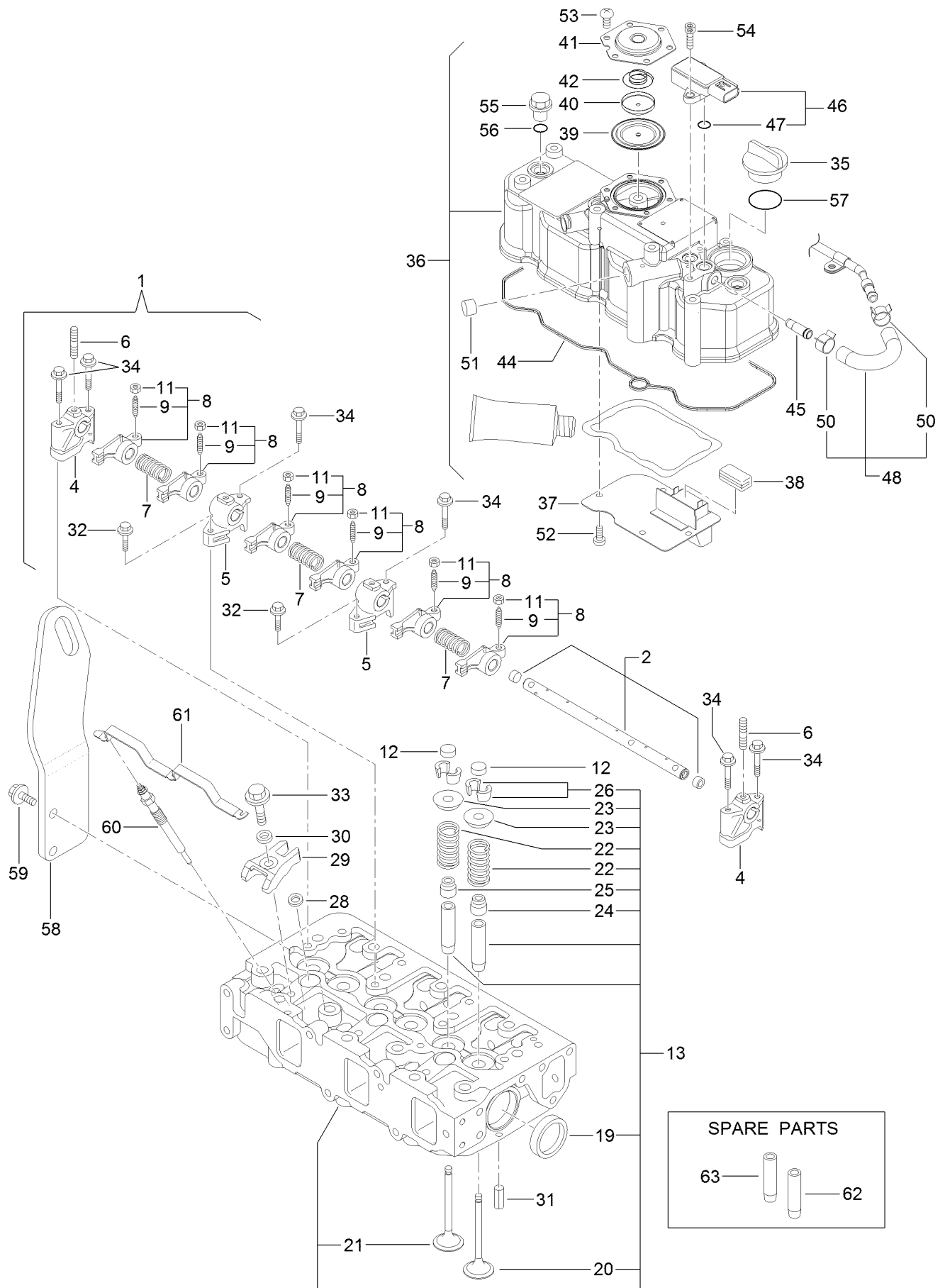
# Flywheel Housing and Oil Sump Assembly



## 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           | 127-4758           | 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           | 127-4711           | 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                 |

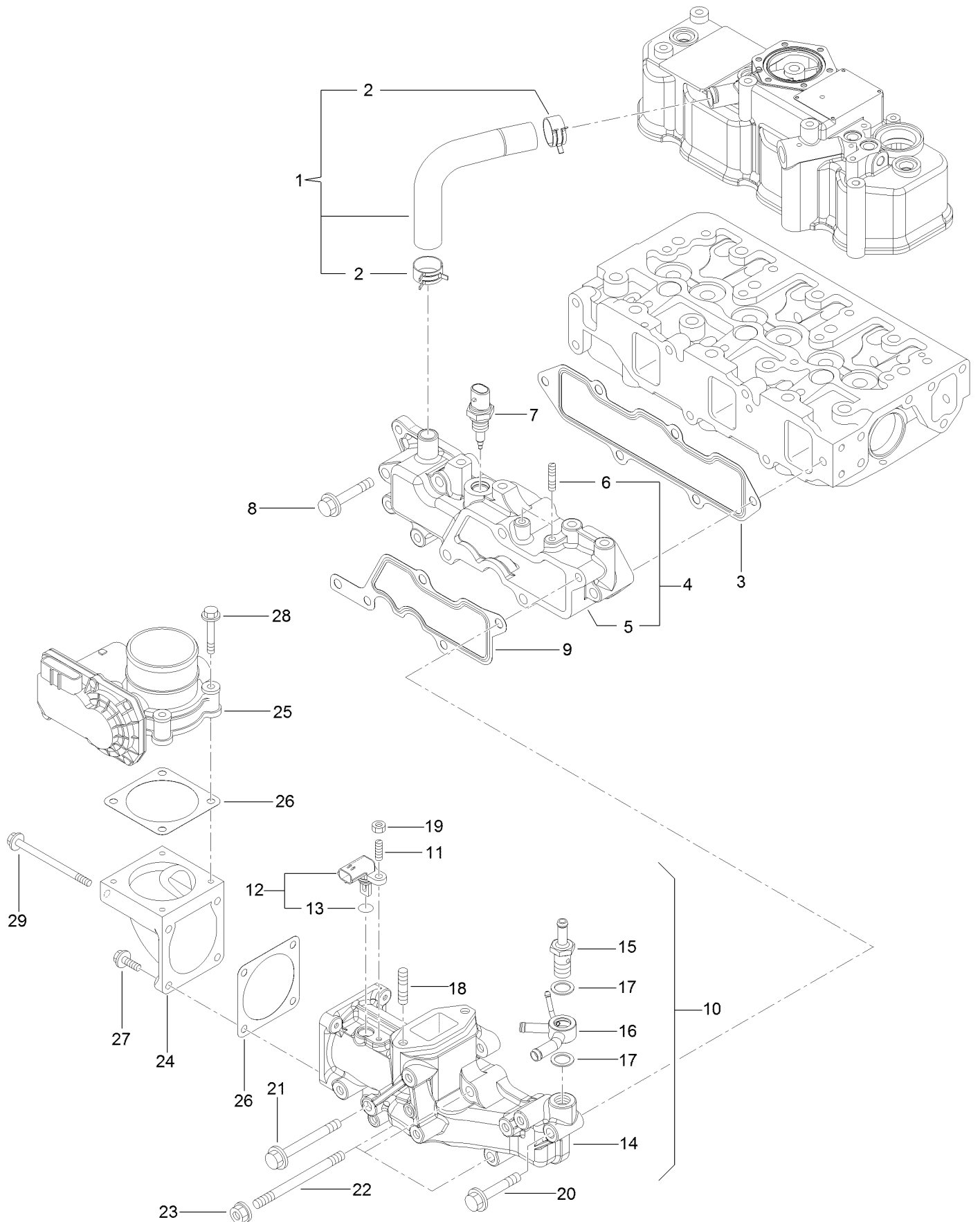
# Cylinder Head and Cover Assembly



## 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-Head, Cylinder   |
| 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          | 127-4718           | 1           | Lifter-Engine           |
| 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        |             |                    |             |                         |

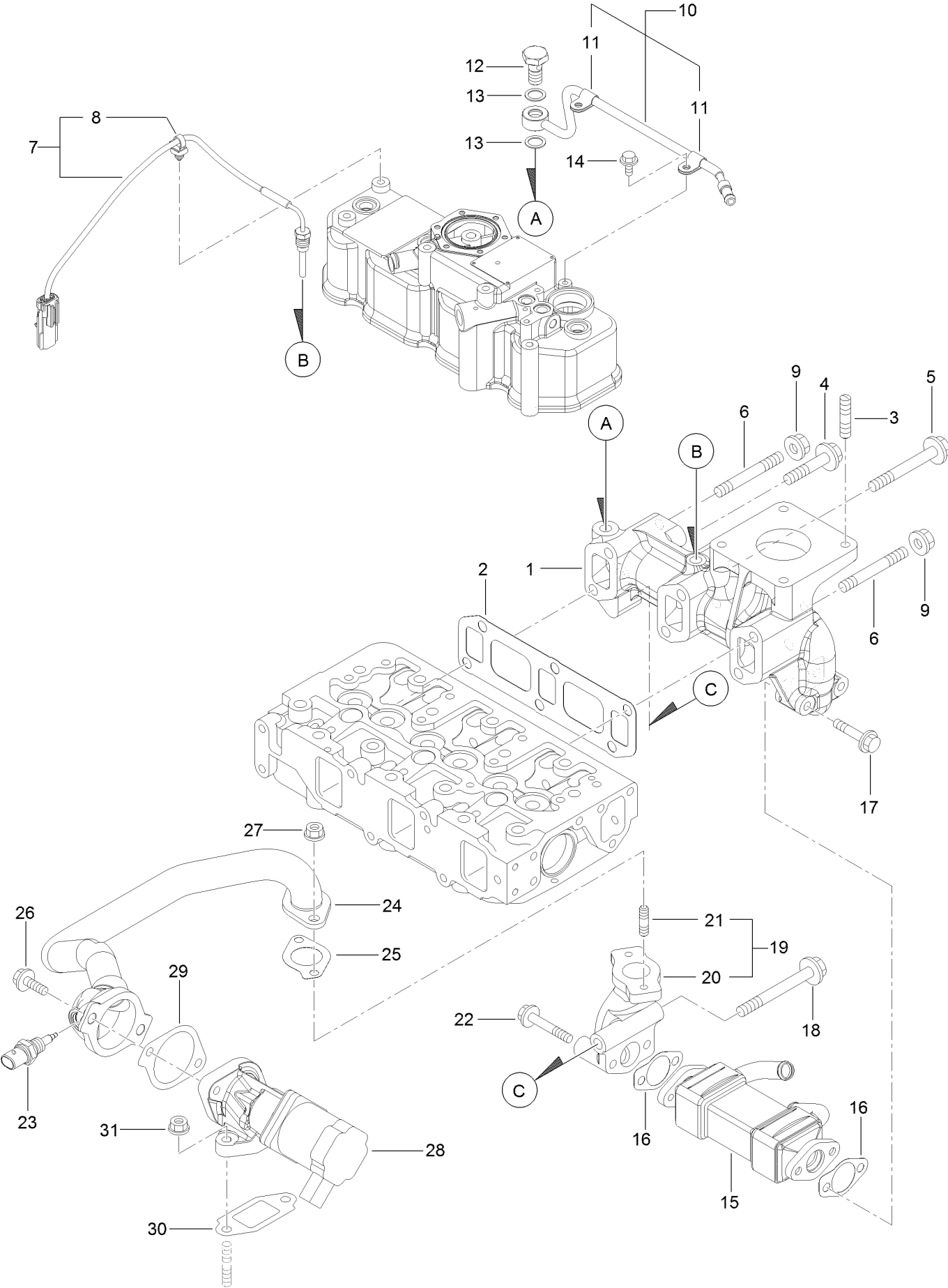
# Suction Manifold Assembly



## 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              |             |                    |             |                    |

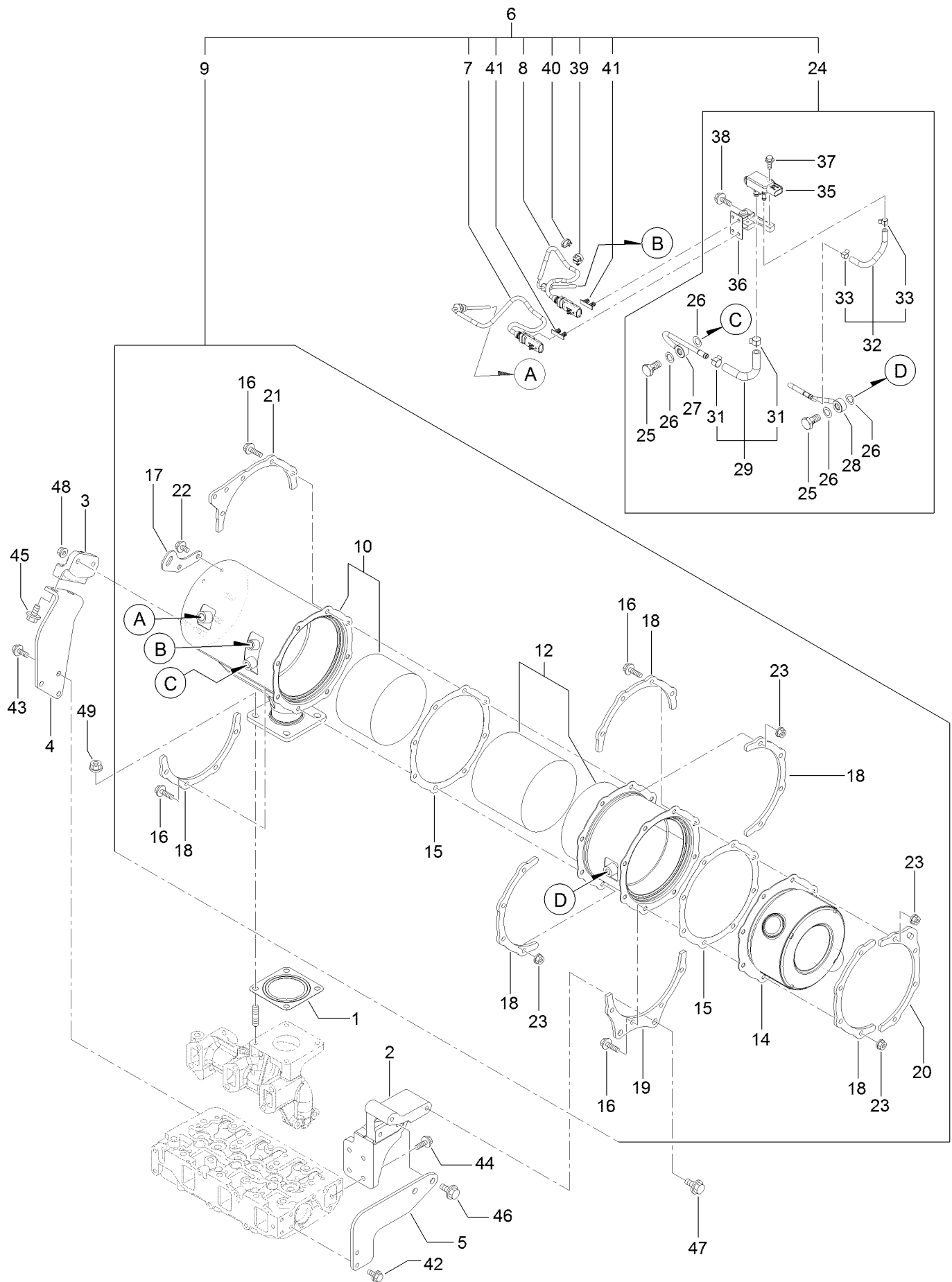
# Exhaust Manifold Assembly



## 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           | 127-4726           | 1           | Manifold-Exhaust         | 17          | 127-2976           | 2           | Bolt                       |
| 2           | 127-3775           | 1           | Gasket-Manifold, Exhaust | 18          | 127-3022           | 1           | Bolt-Flange                |
| 3           | 127-2984           | 4           | Stud                     | 19          | 127-3048           | 1           | E G R Pipe ASM             |
| 4           | 127-3094           | 1           | Bolt                     | 20          | 127-3049           | 1           | Pipe-Out, E G R            |
| 5           | 127-3044           | 3           | Bolt-M10                 | 21          | 125-7043           | 2           | Stud                       |
| 6           | 127-4756           | 2           | Stud                     | 22          | 125-7220           | 2           | Bolt                       |
| 7           | 127-4729           | 1           | Sensor-Temp, Exhaust     | 23          | 127-3047           | 1           | Sensor-Gas Temp, E G R     |
| 8           | 127-3087           | 1           | Band-Clip                | 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     |             |                    |             |                            |

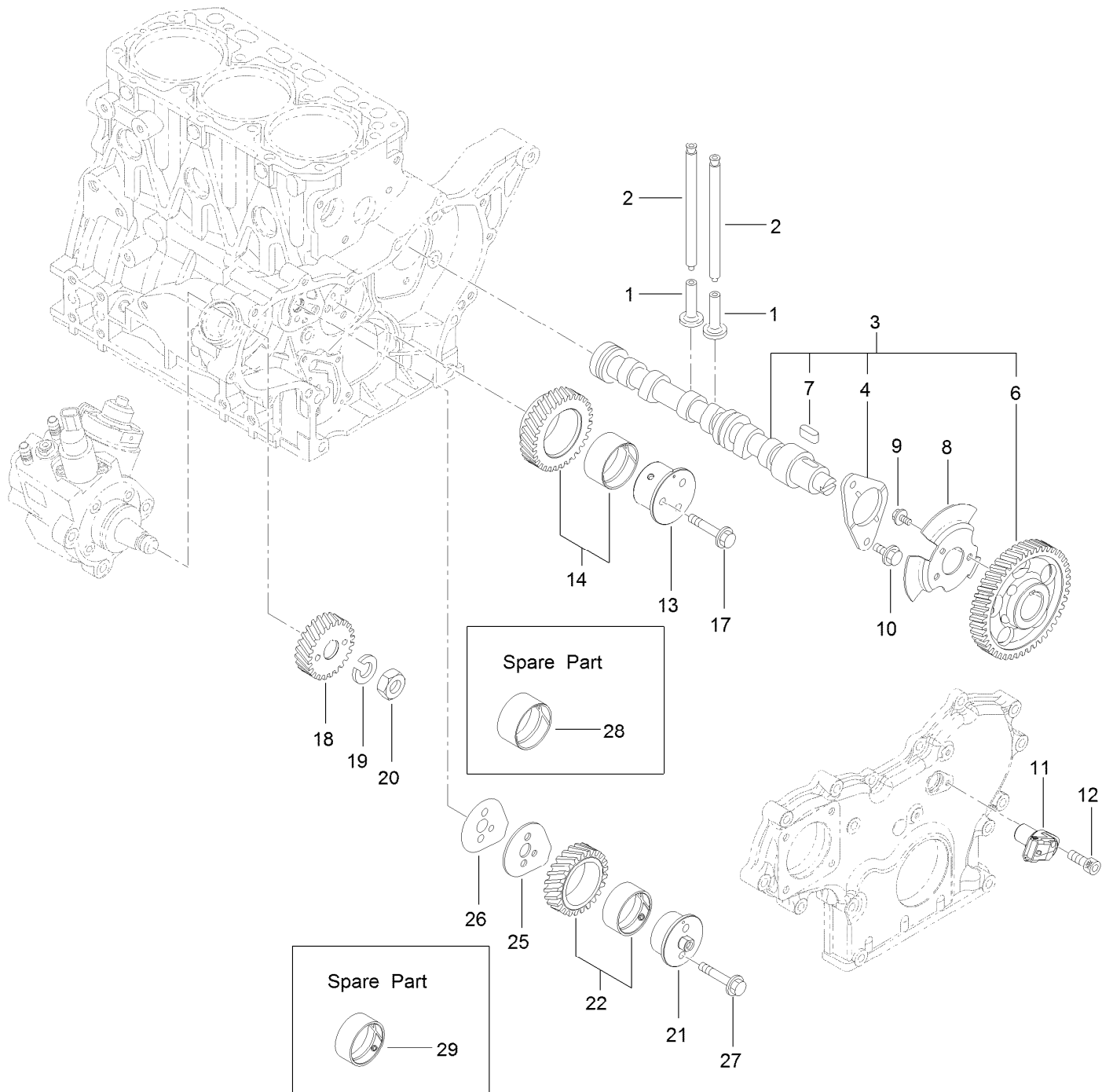
# Diesel Particulate Filter Assembly



## 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           | 127-2987           | 1           | Gasket-Silencer      | 26          | 127-3056           | 4           | Gasket-Sensor      |
| 2           | 127-4738           | 1           | Stay-D P F           | 27          | 127-4744           | 1           | Sensor Pipe ASM    |
| 3           | 127-4739           | 1           | Stay-D P F           | 28          | 127-4745           | 1           | Sensor Pipe ASM    |
| 4           | 127-4740           | 1           | Stay-D P F           | 29          | 127-4747           | 1           | Exhaust Hose ASM   |
| 5           | 127-4741           | 1           | Stay-D P F           | 31          | 127-3057           | 2           | Clip-Hose          |
| 6           | 127-4760           | 1           | D P F Unit           | 32          | 127-4748           | 1           | Exhaust Hose ASM   |
| 7           | 127-4764           | 1           | Sensor-Temp, Exhaust | 33          | 127-3058           | 2           | Clip-Hose          |
| 8           | 127-4765           | 1           | Sensor-Temp, Exhaust | 35          | 127-3060           | 1           | Sensor-Pressure    |
| 9           | 127-4759           | 1           | D P F ASM            | 36          | 127-4750           | 1           | Bracket-Sensor     |
| 10          | 127-4732           | 1           | Case-D O C           | 37          | 125-7208           | 2           | Bolt               |
| 12          | 127-4734           | 1           | Case-Filter, Soot    | 38          | 125-7595           | 2           | Bolt               |
| 14          | 127-3786           | 1           | Silencer-D P F       | 39          | 127-3087           | 1           | Band-Clip          |
| 15          | 127-3859           | 2           | Gasket-D P F         | 40          | 127-3124           | 1           | Band               |
| 16          | 127-3055           | 16          | Bolt                 | 41          | 127-3088           | 2           | Clip-Connector     |
| 17          | 127-3788           | 1           | Lifter-D P F         | 42          | 100-6928           | 2           | Bolt               |
| 18          | 127-3789           | 5           | Stiffener-D P F, A   | 43          | 100-6928           | 3           | Bolt               |
| 19          | 127-4735           | 1           | Stiffener-D P F, B   | 44          | 125-7594           | 4           | Bolt               |
| 20          | 127-3792           | 1           | Stiffener-D P F, C   | 45          | 127-4773           | 2           | Bolt               |
| 21          | 127-4736           | 1           | Stiffener-D P F, C   | 46          | 127-4773           | 2           | Bolt               |
| 22          | 125-7213           | 2           | Bolt                 | 47          | 127-4773           | 2           | Bolt               |
| 23          | 125-7229           | 16          | Nut                  | 48          | 125-7229           | 2           | Nut                |
| 24          | 127-4743           | 1           | Pressure Sensor Unit | 49          | 125-7230           | 4           | Nut                |
| 25          | 127-3039           | 2           | Bolt-Joint, Pipe     |             |                    |             |                    |

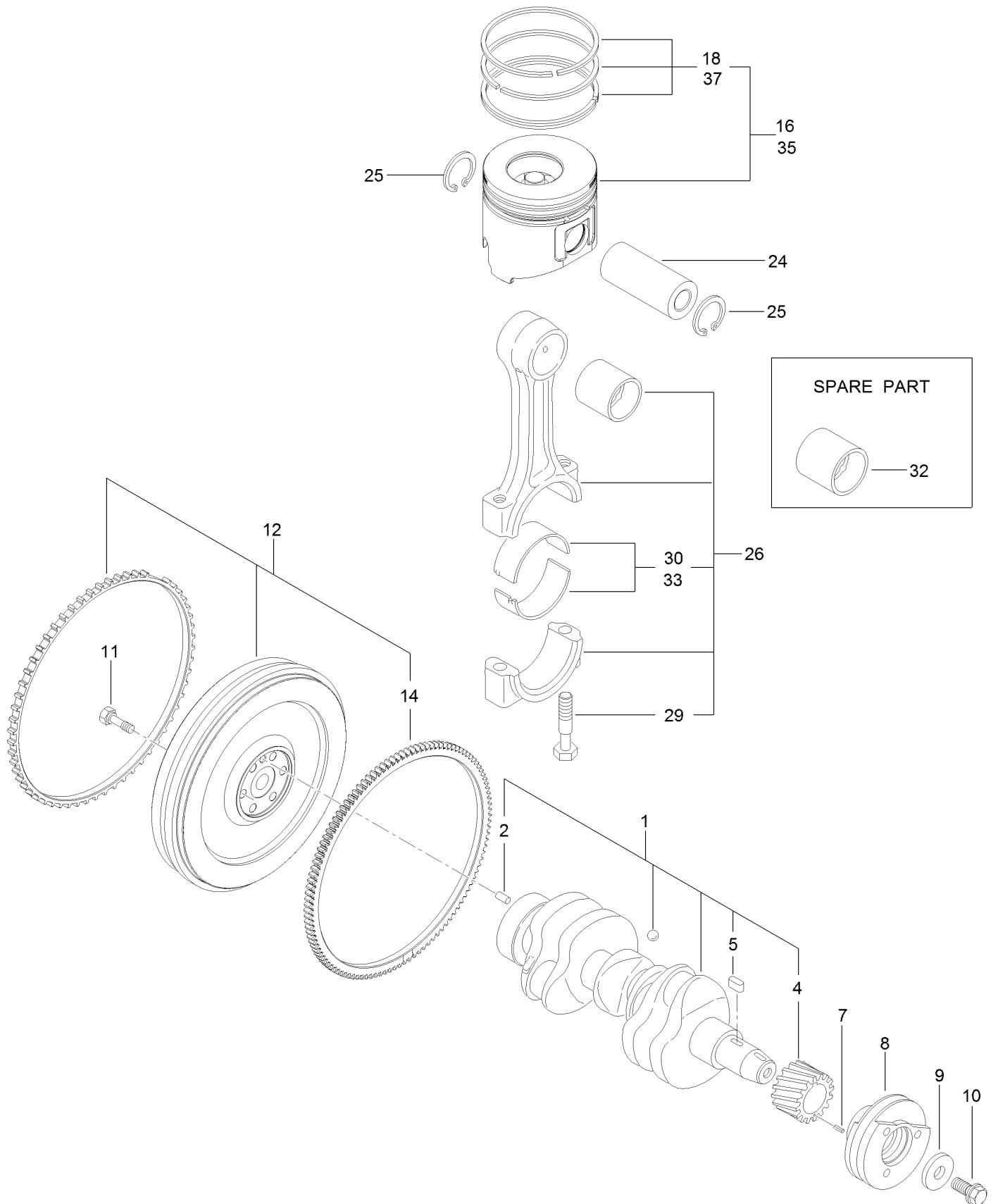
# Camshaft and Driving Gear Assembly



## 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

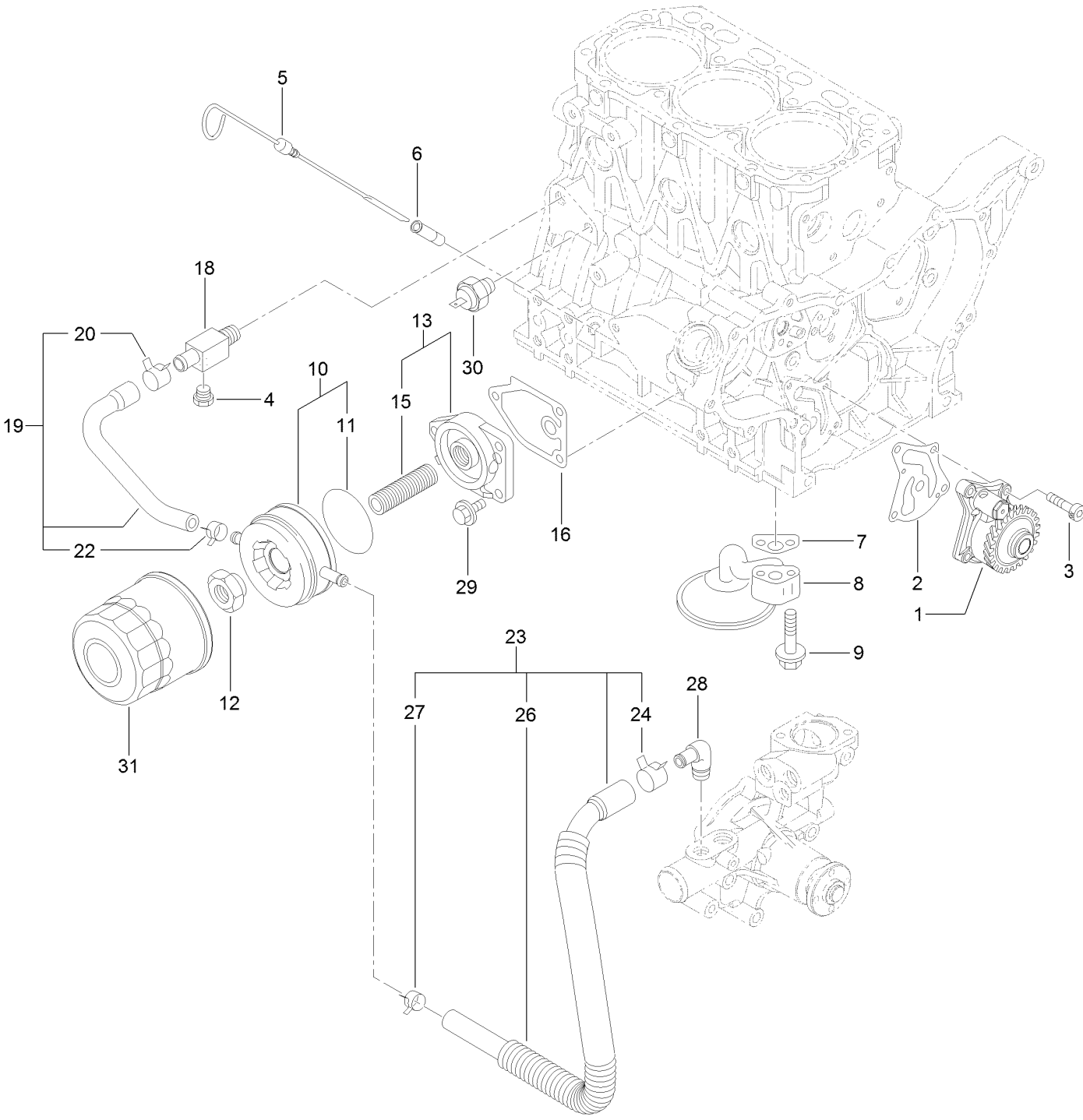


## Crankshaft and Piston Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 127-3800           | 1           | Crankshaft ASM     |
| 2           | 125-6995           | 1           | Pin                |
| 4           | 125-6937           | 1           | Gear               |
| 5           | 125-7185           | 1           | Key                |
| 7           | 125-7182           | 1           | Pin-Spring         |
| 8           | 127-3801           | 1           | Pulley-V           |
| 9           | 125-7109           | 1           | Washer             |
| 10          | 125-6956           | 1           | Bolt               |
| 11          | 125-6951           | 6           | Bolt               |
| 12          | 127-4761           | 1           | Flywheel ASM       |
| 14          | 127-4703           | 1           | Gear               |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 16          | 127-4766           | 3           | Piston ASM            |
| 18          | 127-4751           | 3           | Piston Ring ASM       |
| 24          | 125-7030           | 3           | Pin                   |
| 25          | 125-7180           | 6           | Ring                  |
| 26          | 125-7242           | 3           | Connecting Rod ASM    |
| 29          | 125-6955           | 6           | Bolt                  |
| 30          | 125-7018           | 3           | Pin-Crank             |
| 32          | 125-6997           | 3           | Pin-Piston            |
| 33          | 125-7019           | 3           | Pin-Crank (.25)       |
| 35          | 127-4767           | 3           | Piston ASM (0.25 O S) |
| 37          | 127-4752           | 3           | Ring Set (0.25 O S)   |

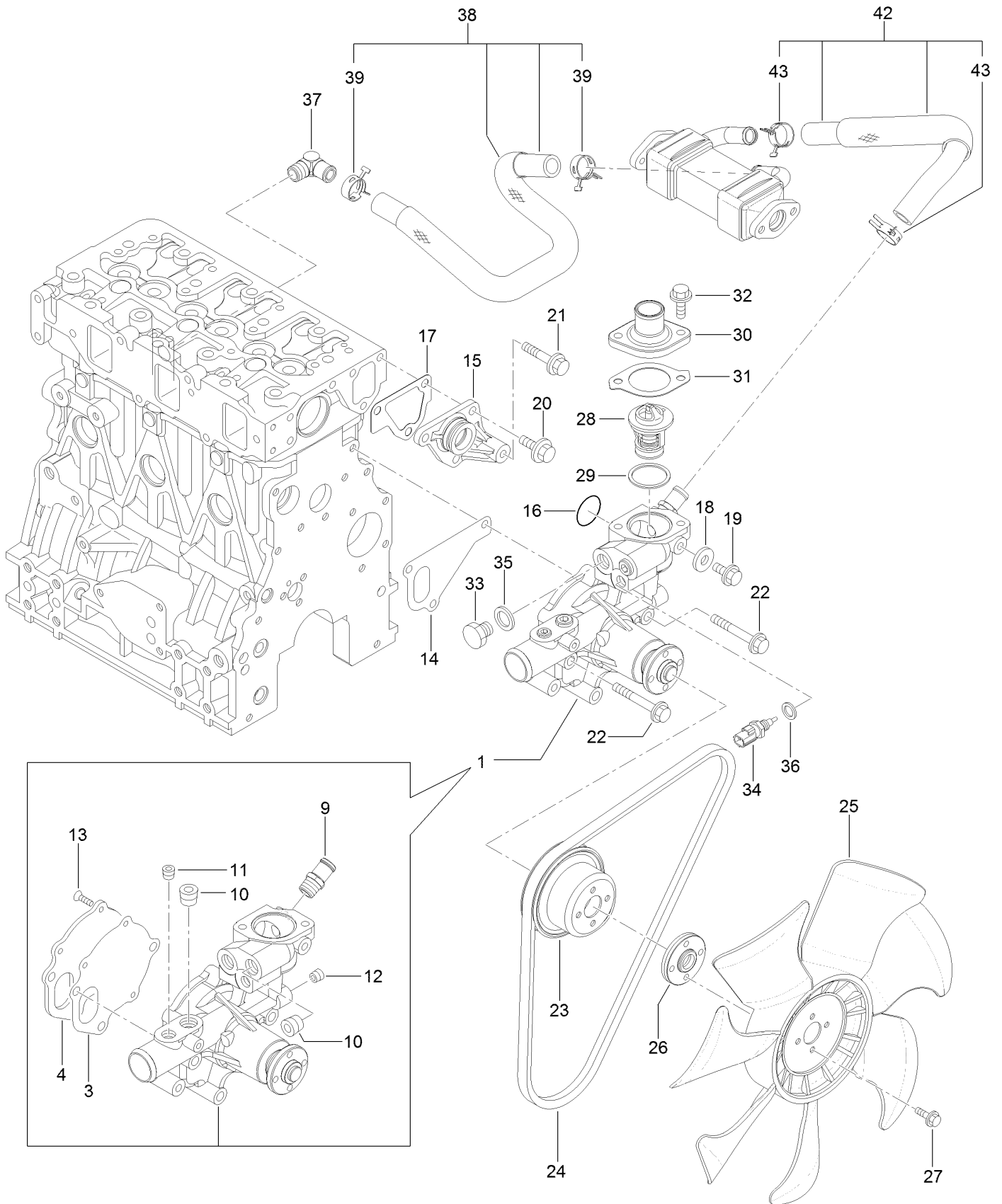
# Lubrication and Oil System Assembly



## 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      |
| 15          | 125-7042           | 1           | Stud               |             |                    |             |                    |

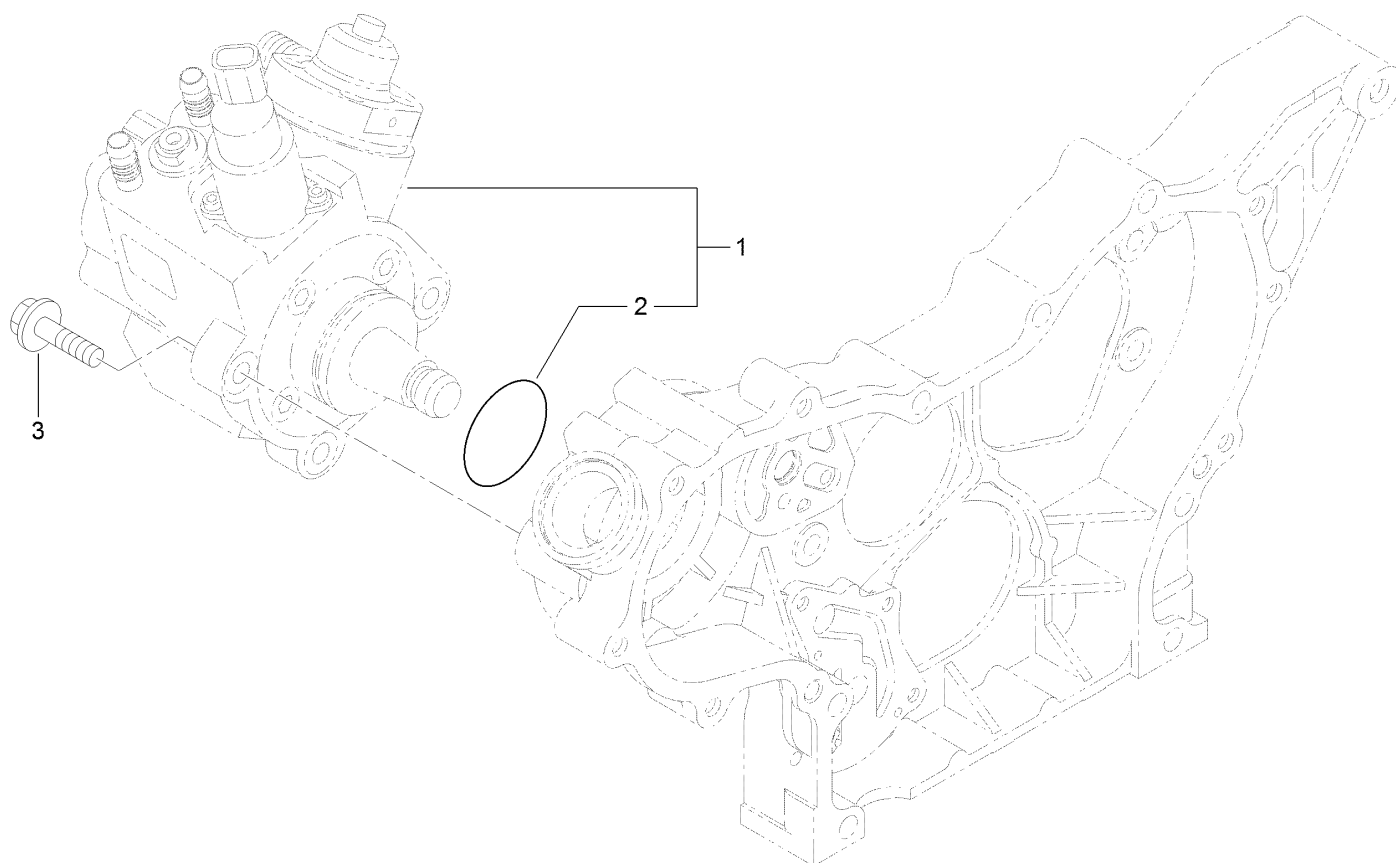
# Cooling Water System Assembly



## Cooling Water 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          | 127-4771           | 1           | V-Belt                |
| 3           | 125-6998           | 1           | Gasket             | 25          | 127-4702           | 1           | Fan                   |
| 4           | 125-6999           | 1           | Plate              | 26          | 127-3810           | 1           | Spacer                |
| 9           | 127-3017           | 1           | Joint              | 27          | 125-7209           | 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          | 127-4705           | 1           | Elbow                 |
| 20          | 100-6928           | 3           | Bolt               | 38          | 127-4757           | 1           | E G R-C Pipe ASM      |
| 21          | 125-7219           | 1           | Bolt               | 39          | 127-3020           | 2           | Clip-Hose             |
| 22          | 125-7222           | 3           | Bolt               | 42          | 127-3811           | 1           | CW Pipe ASM           |
| 23          | 127-4712           | 1           | V-Pulley           | 43          | 127-3020           | 2           | Clip-Hose             |

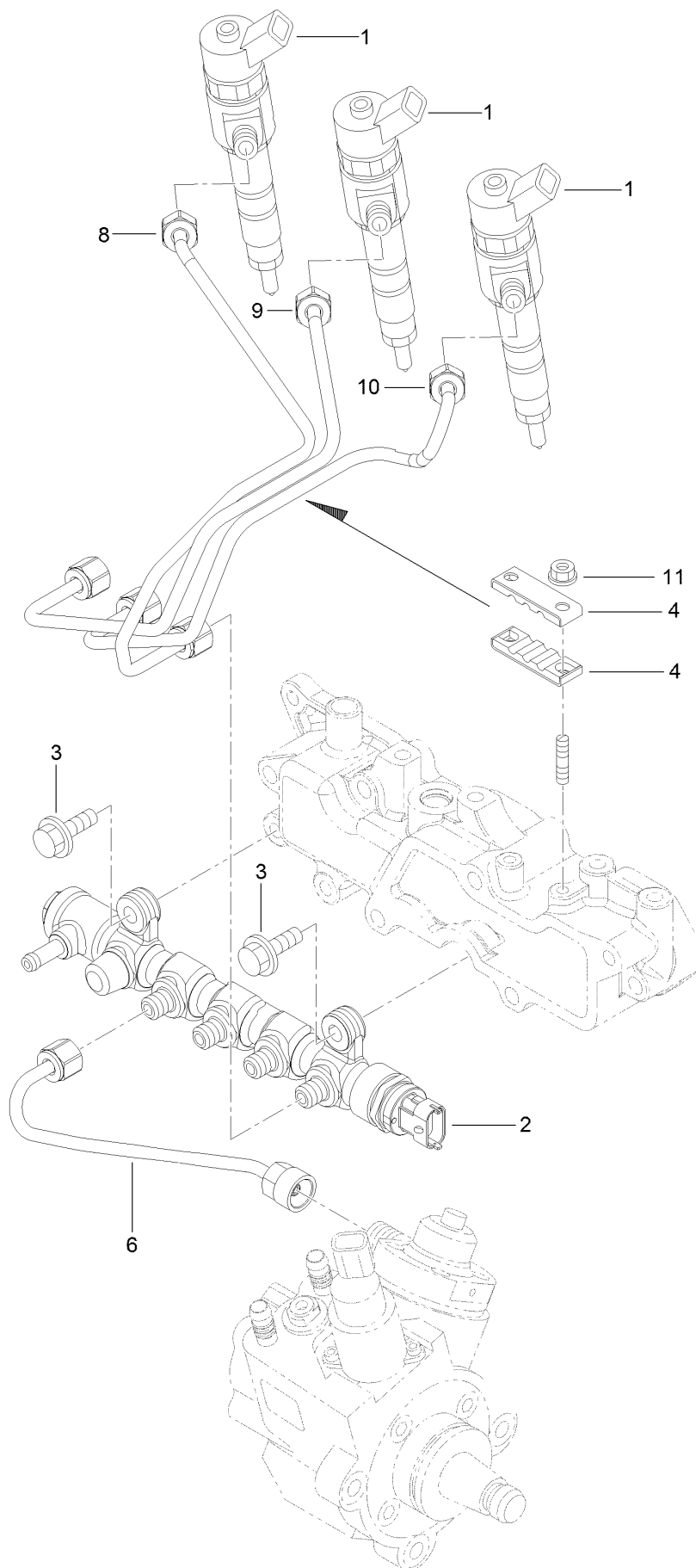
# Fuel System Assembly



## Fuel System Assembly (continued)

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

# Fuel Injection Valve Assembly

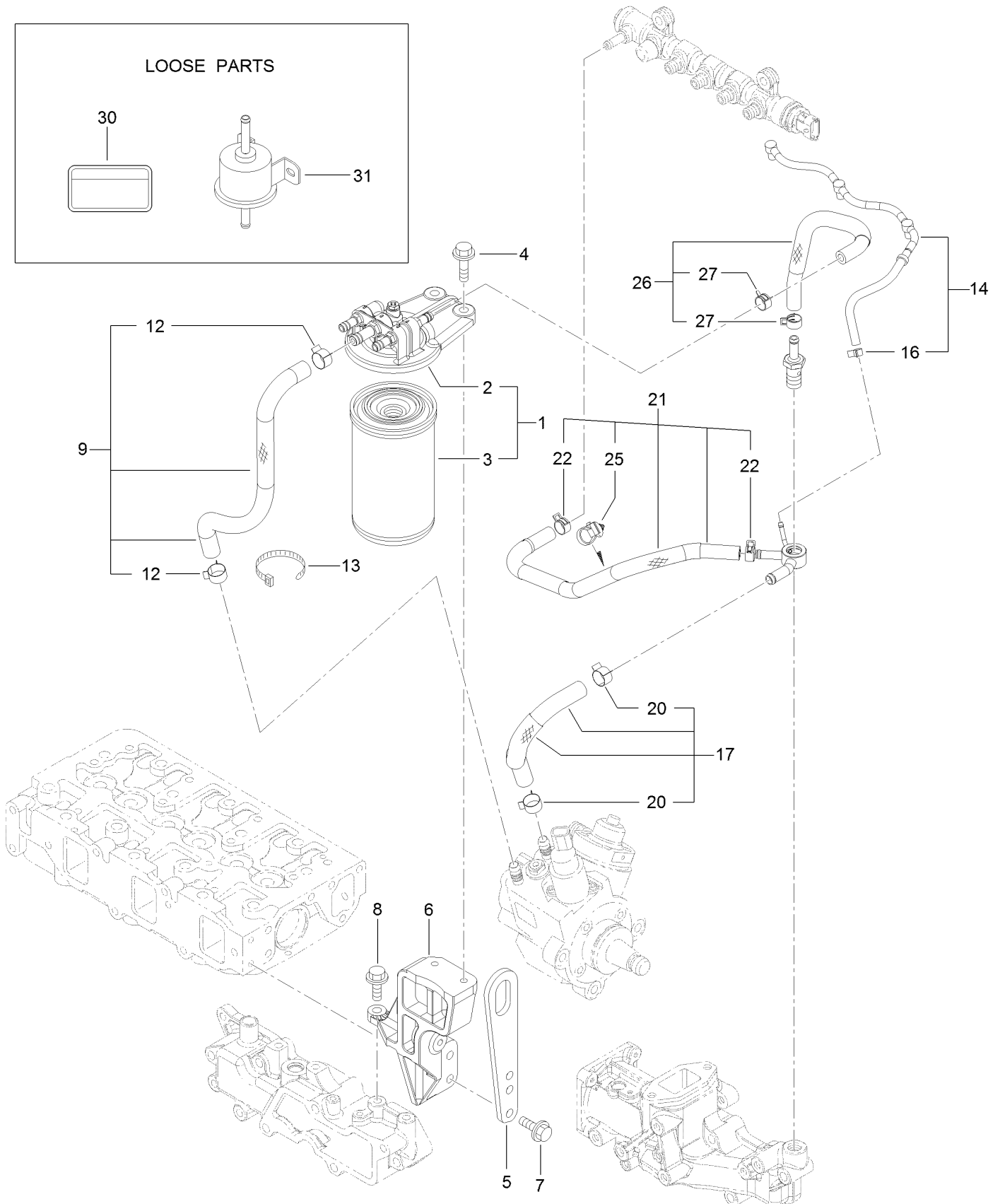


## Fuel Injection Valve Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 127-4754           | 3           | Injector ASM       |
| 2           | 127-3812           | 1           | Rail ASM           |
| 3           | 125-7215           | 2           | Bolt               |
| 4           | 127-3813           | 2           | Retainer           |
| 6           | 127-3082           | 1           | Rail In Pipe ASM   |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 8           | 127-3814           | 1           | Injection Pipe ASM |
| 9           | 127-3083           | 1           | Injection Pipe ASM |
| 10          | 127-3084           | 1           | Injection Pipe ASM |
| 11          | 125-7231           | 2           | Nut                |

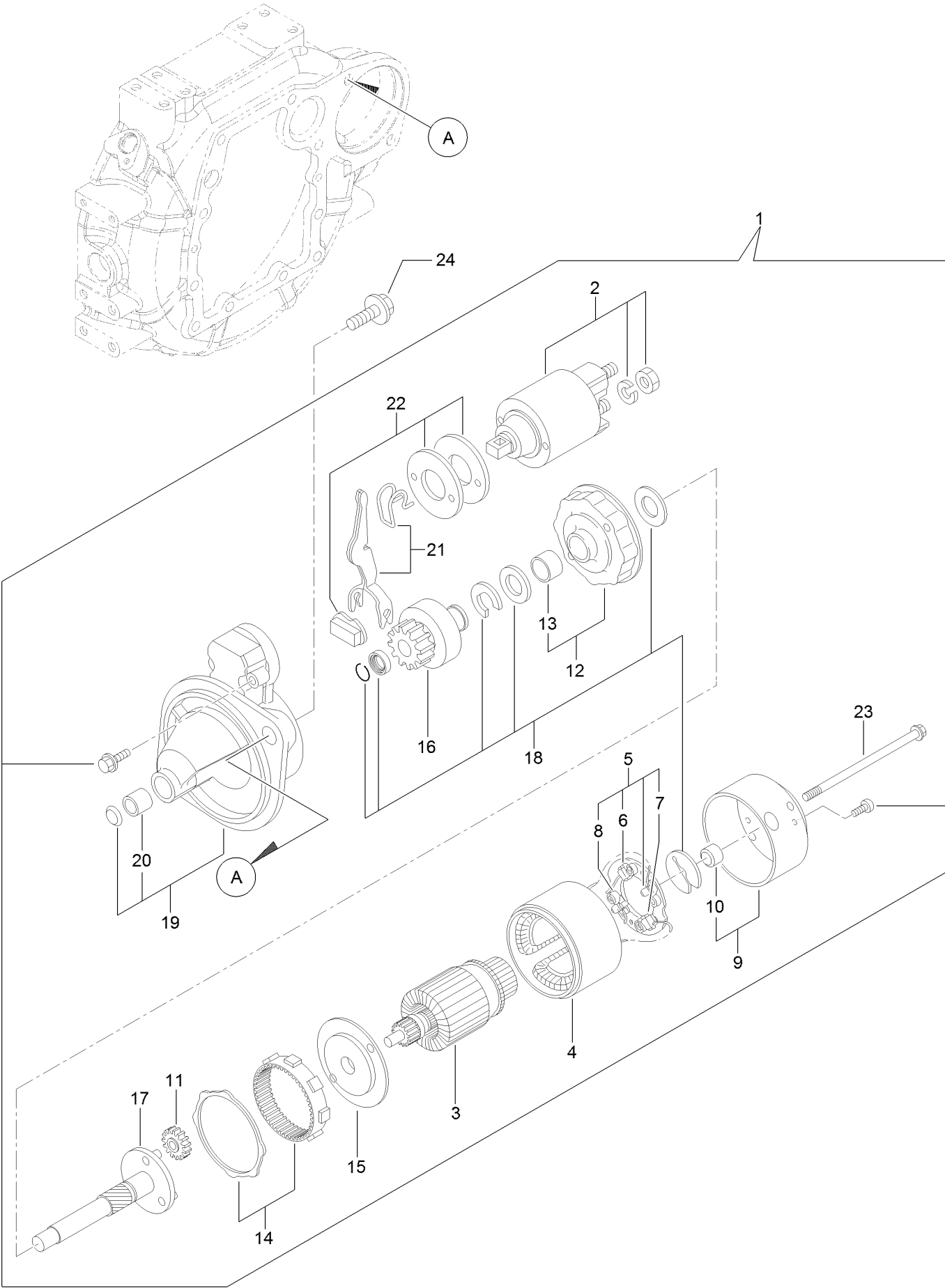
# Fuel Line Assembly



## 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          | 125-6900           | 1           | Label-Caution, Fuel Oil  |
| 13          | 127-2981           | 1           | Band                        | 31          | 127-3008           | 1           | Fuel Feed Pump ASM       |

# Starting Motor Assembly

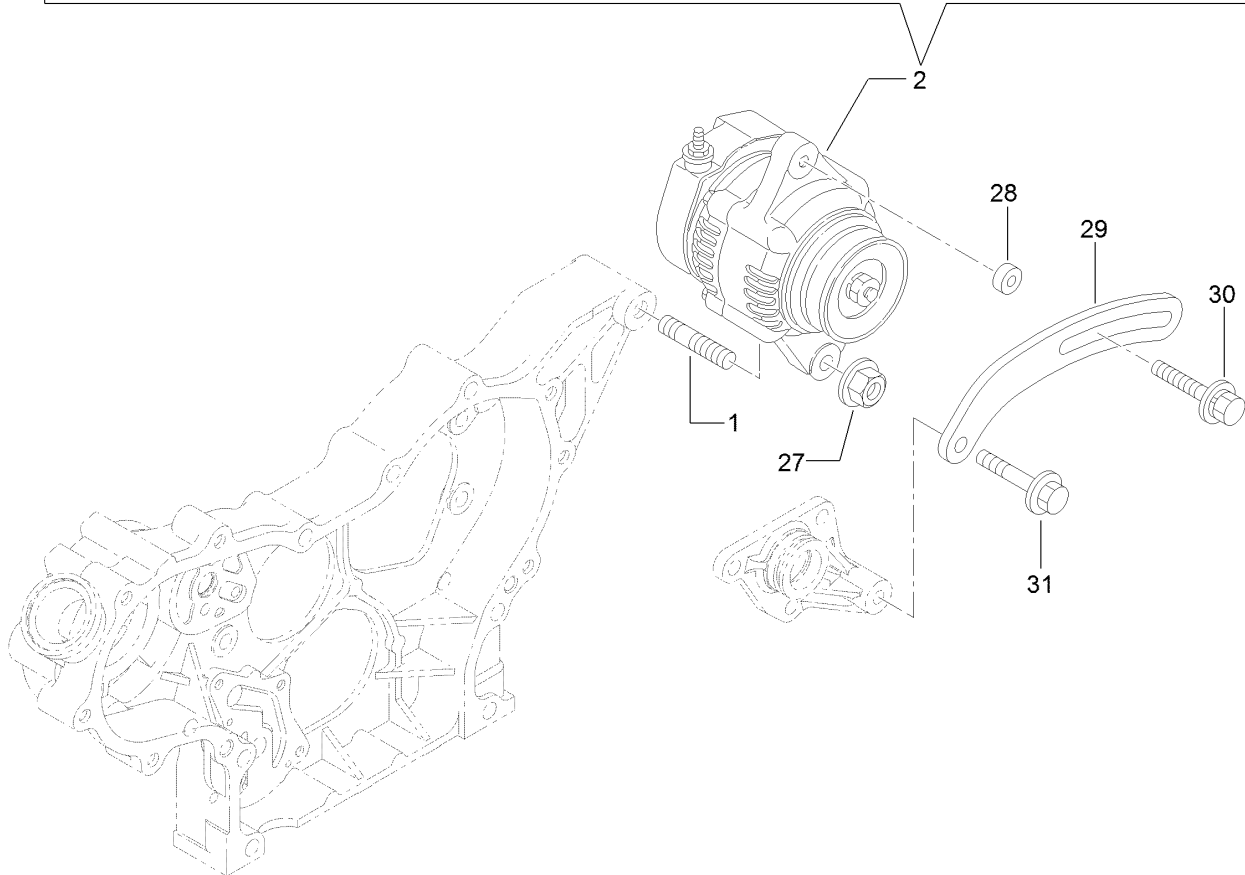
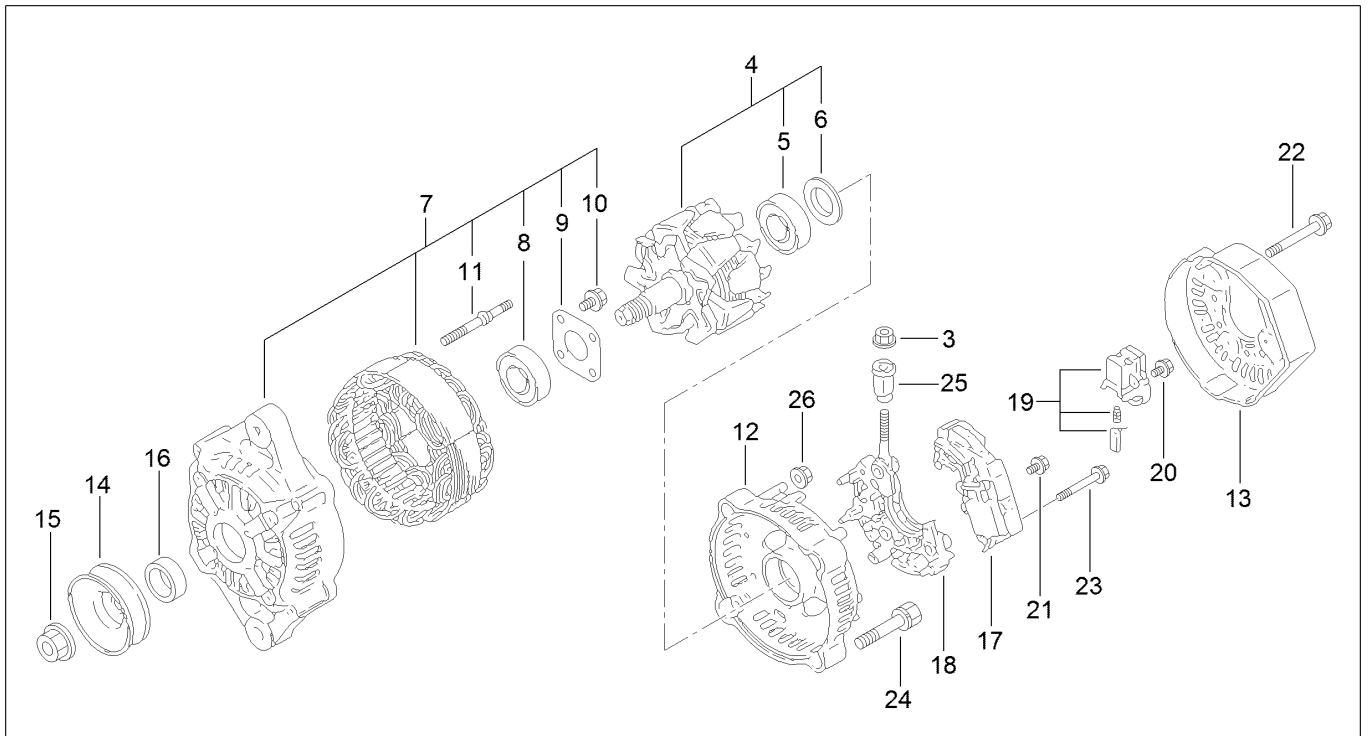


## Starting Motor Assembly (continued)

| <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               |

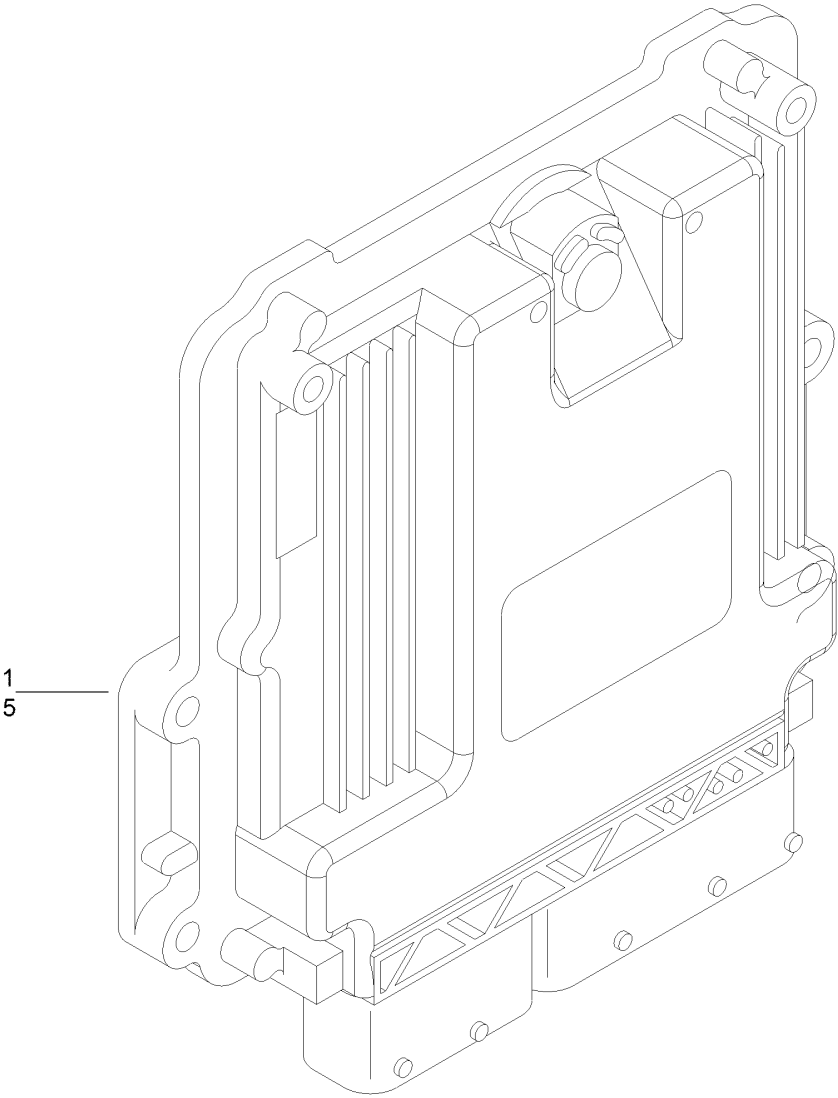
# Generator Assembly



## 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             |             |                    |             |                    |

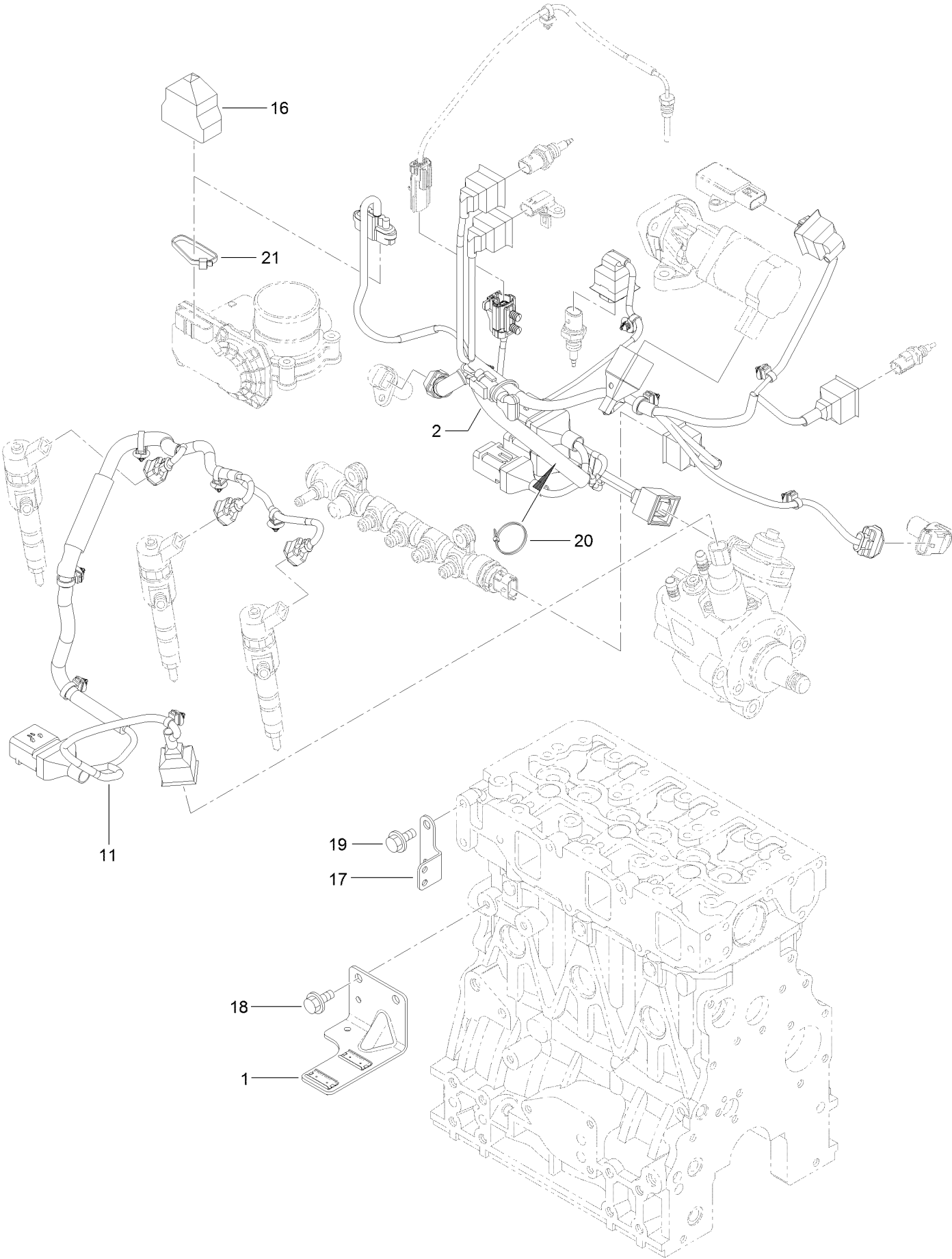
# Electronic Control Unit Assembly



## Electronic Control Unit Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 127-4763           | 1           | E C U ASM          |
| 5           | 127-3085           | 1           | E C U ASM          |

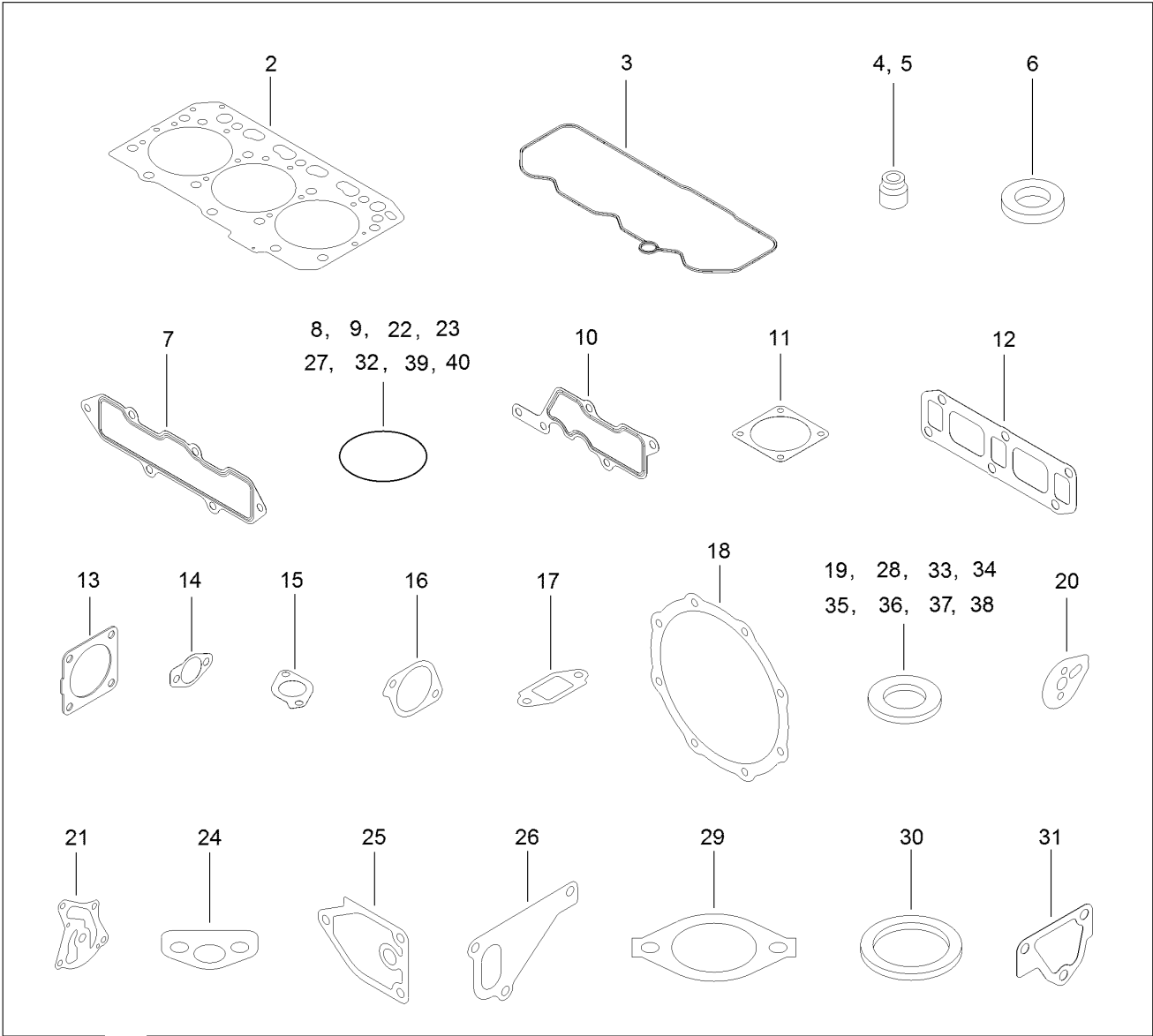
# Electric Parts Assembly



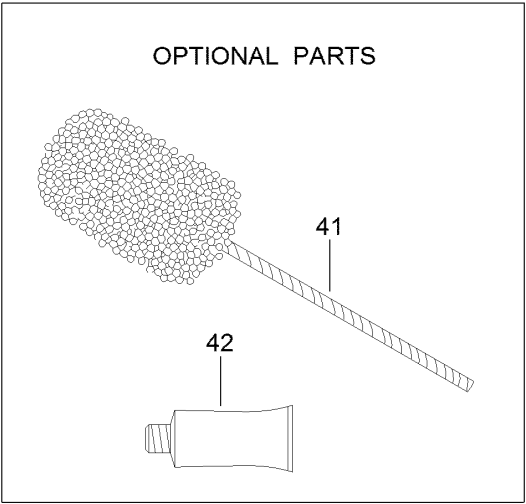
## Electric Parts Assembly (continued)

| <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          | 127-3851           | 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



1



## 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          | 125-6909           | 2           | O-Ring             |
| 2           | 127-4716           | 1           | Head Gasket ASM            | 23          | 127-2973           | 1           | O-Ring             |
| 3           | 127-3856           | 1           | Gasket-Head, Cylinder      | 24          | 125-7022           | 1           | Gasket             |
| 4           | 127-2986           | 3           | Seal-Stem, Valve           | 25          | 125-7024           | 1           | Gasket             |
| 5           | 127-3027           | 3           | Seal-Stem, Valve           | 26          | 125-7047           | 1           | Gasket             |
| 6           | 127-3021           | 3           | Gasket-Injector            | 27          | 125-7048           | 1           | O-Ring             |
| 7           | 127-3857           | 1           | Gasket-Manifold, Intake    | 28          | 125-6979           | 1           | Gasket             |
| 8           | 127-3032           | 2           | O Ring-Sensor, Pressure    | 29          | 125-7110           | 1           | Gasket             |
| 9           | 127-3033           | 1           | O-Ring                     | 30          | 125-7026           | 1           | Gasket             |
| 10          | 127-3034           | 1           | Gasket-Collector           | 31          | 125-6978           | 1           | Gasket             |
| 11          | 127-3037           | 2           | Gasket-Throttle            | 32          | 127-3074           | 1           | O-Ring             |
| 12          | 127-3775           | 1           | Gasket-Manifold, Exhaust   | 33          | 125-7174           | 1           | Washer-Seal        |
| 13          | 127-2987           | 1           | Gasket-Silencer            | 34          | 125-7176           | 1           | Washer-Seal        |
| 14          | 127-3043           | 2           | Gasket-Cooler, E G R       | 35          | 127-3166           | 2           | Washer-Seal        |
| 15          | 127-3016           | 1           | Gasket                     | 36          | 125-7177           | 1           | Washer-Seal        |
| 16          | 127-3050           | 1           | Gasket-Intake Valve, E G R | 37          | 125-7192           | 1           | Gasket             |
| 17          | 127-3051           | 1           | Gasket-Out Valve, E G R    | 38          | 127-3174           | 2           | Gasket             |
| 18          | 127-3859           | 2           | Gasket-D P F               | 39          | 93-0418            | 3           | O-Ring             |
| 19          | 127-3056           | 4           | Gasket-Sensor              | 40          | 125-7197           | 2           | O-Ring             |
| 20          | 127-3069           | 1           | Gasket-Idle, Shaft B       | 41          | 127-3000           | 1           | Hone               |
| 21          | 127-3004           | 1           | Gasket                     | 42          | 125-7248           | 1           | Gasket-Liquid      |

# Attachments and Accessories

## For 30695 Groundsmaster 7210 Series Traction Unit

| Product Name                                                       | Model/Part |
|--------------------------------------------------------------------|------------|
| Auxiliary Hydraulic Power Kit .....                                | 30380      |
| Universal Sunshade .....                                           | 30349      |
| Debris Blower .....                                                | 30393      |
| Tooth Rake .....                                                   | 08751      |
| Finish Grader .....                                                | 08754      |
| Drag Mat Carrier System .....                                      | 08756      |
| Steel Drag Mat.....                                                | 08757      |
| Coco Drag Mat.....                                                 | 08758      |
| 42-pound Weight, For Kit 114-4090 .....                            | 114-4096   |
| 48in V-Plow.....                                                   | 30750      |
| Green Diesel Cap .....                                             | 107-2172   |
| Yellow Hydraulic Cap .....                                         | 107-1576   |
| Overflow Tank Kit.....                                             | 117-5570   |
| Brake Service Kit .....                                            | 120-0015   |
| Gm7210 Manufacturers Certificate .....                             | 111-5968   |
| Jack-Stand Kit .....                                               | 30483      |
| Fender Kit .....                                                   | 117-9170   |
| Polar Trac Cab.....                                                | 30474      |
| 5in Air Cleaner Safety Element.....                                | 114-4057   |
| V-Plow Mounting Kit.....                                           | 30378      |
| Polar Trac Kit .....                                               | 30675      |
| Auxiliary Power Unit.....                                          | 30382      |
| Premium Engine Oil 15w40 (55 Gallon Drum) .....                    | 121-6394   |
| Premium Engine Oil 15w40 (5 Gallon Pail) .....                     | 121-6395   |
| MVP Filter Kit.....                                                | 30261      |
| Gasket-Cover, Housing .....                                        | 30810      |
| Hitch Kit .....                                                    | 130-8718   |
| Wheel and Tire ASM (Semi Pneumatic).....                           | 110-6406   |
| Weight Mount Bracket Kit .....                                     | 114-4090   |
| Weight Bracket Kit .....                                           | 125-2670   |
| Tire-Lug (24 X 12 - 12).....                                       | 103-6771   |
| Slow Moving Vehicle Kit.....                                       | 114-4050   |
| North American Road Light Kit .....                                | 30374      |
| Recycler Kit, 60in Side Discharge Deck.....                        | 30348      |
| CE Kit, Grass Collection System.....                               | 117-9249   |
| 60in Side Discharge Mower .....                                    | 30456      |
| Baffle, Blower Housing .....                                       | 30658      |
| Blade-Belt Kit.....                                                | 105-7270   |
| 62in Rear Discharge Completion Kit.....                            | 30463      |
| 62in Guardian Recycler Completion Kit .....                        | 30306      |
| 62in Rotary Mower.....                                             | 30457      |
| Premium Transmission/Hydraulic Tractor Fluid (5 Gallon Pail) ..... | 108-1184   |
| 62in CE Mower Cover Kit.....                                       | 30683      |
| Premium Transmission/Hydraulic Tractor Fluid (55 Gallon Drum)..... | 108-1183   |
| Blade-Belt Kit, 72in Guardian Only .....                           | 105-7271   |
| 72in Rear Discharge Completion Kit.....                            | 30466      |

# Attachments and Accessories (continued)

|                                                           |          |
|-----------------------------------------------------------|----------|
| 72in Guardian Recycler Completion Kit .....               | 30304    |
| 72in Guardian Fine Recycler Completion Kit .....          | 30346    |
| 72in Base Deck.....                                       | 30353    |
| 72in Guardian and Rear Discharge CE Mower Cover Kit ..... | 30685    |
| Leaf Mulching Kit .....                                   | 108-5273 |
| Recycler Kit, 72in Side Discharge Deck.....               | 30347    |
| Striping Kit .....                                        | 105-7273 |
| 72in Side Discharge Deck.....                             | 30481    |
| 72in Side Discharge Mower (CE).....                       | 30354    |
| CE Kit, 72in Side Deck With French Guards .....           | 30679    |
| 100in Rear Discharge Deck .....                           | 31101    |
| Adapter Kit for 100in Rear Discharge Deck.....            | 31104    |
| Leaf Mulching Kit for 100in Rear Discharge Deck .....     | 31105    |
| 100in CE Mower Cover Kit.....                             | 30687    |

**Notes:**

**Notes:**



**Count on it.**