



Form No. 3424-918 Rev A

**Count on it.**

# Parts Catalog

## **Groundsmaster® 360** **4-Wheel Drive Multi-Purpose Machine**

Model No. 31200—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.

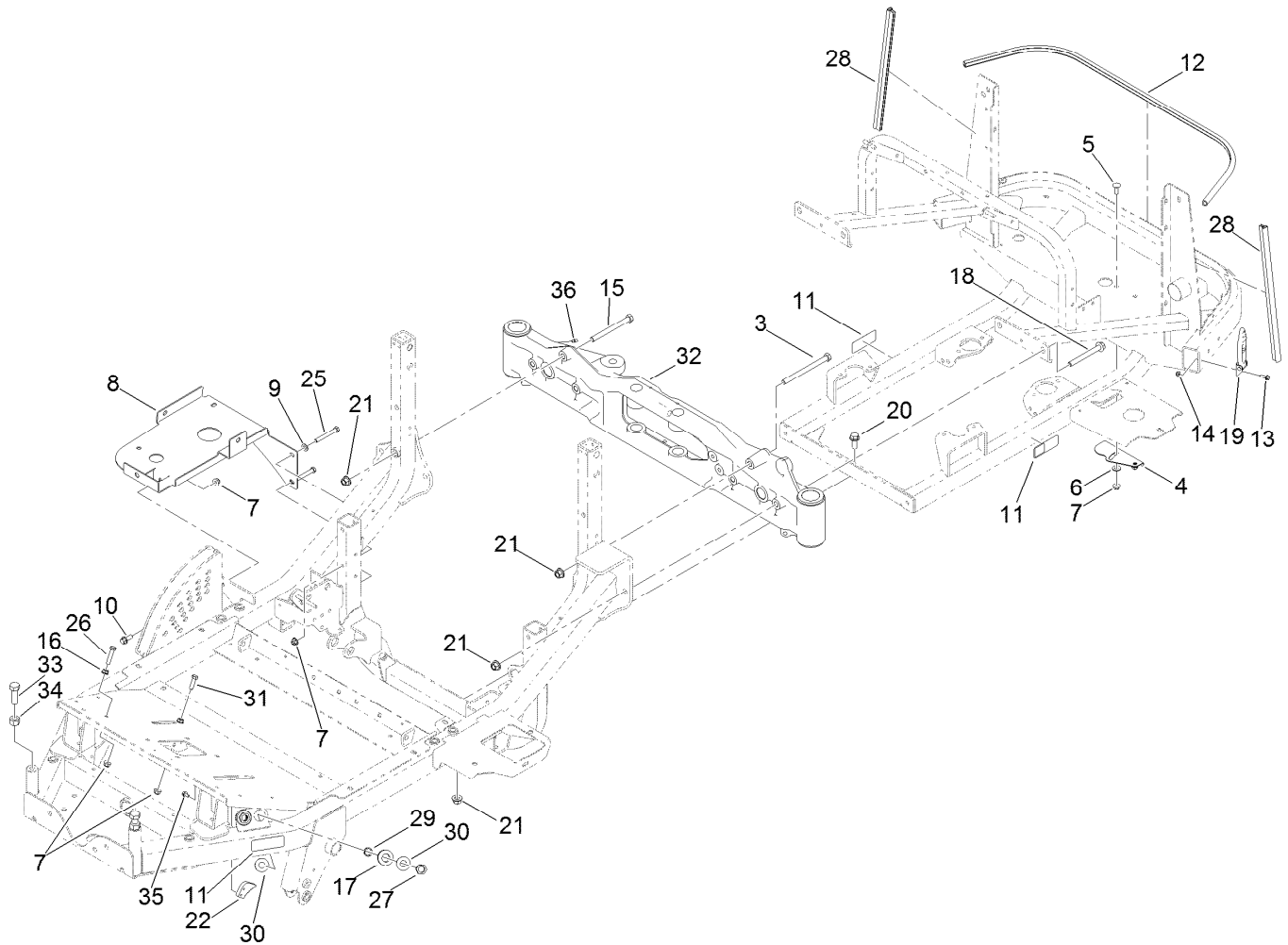
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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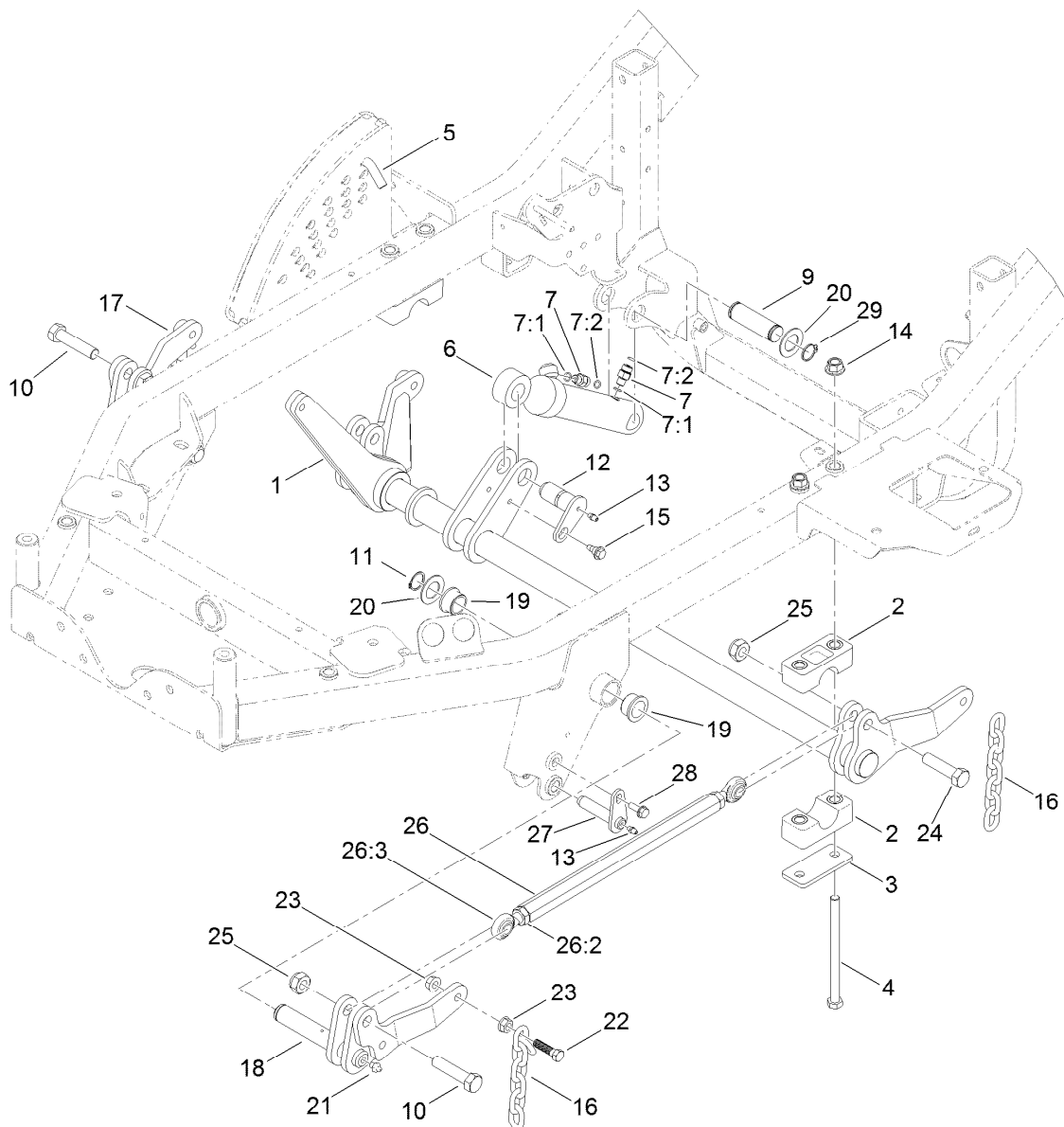
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## Frame and Rear Axle Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 3    | 325-33      | 1    | Screw-HH            |
| 4    | 117-3190    | 1    | Cover-Lower         |
| 5    | 3231-22     | 2    | Screw-CARR          |
| 6    | 66-2920     | 2    | Washer-Friction     |
| 7    | 104-8301    | 7    | Nut-HF, NI          |
| 8    | 117-3385-03 | 1    | Bracket-Tank, HYD   |
| 9    | 3256-24     | 2    | Washer-Flat         |
| 10   | 3234-24     | 1    | Screw-HHF           |
| 11   | 106-9206    | 4    | Decal-Torque, Wheel |
| 12   | 117-3311    | 1    | Seal-Bulb           |
| 13   | 3234-4      | 2    | Screw-HHF           |
| 14   | 104-7201    | 2    | Nut-HF              |
| 15   | 325-22      | 1    | Screw-HH            |
| 16   | 3290-357    | 2    | Nut-HHF, Whiz       |
| 17   | 240-4       | 2    | Grommet-Rubber      |
| 18   | 117-3176    | 4    | Screw-HHF           |

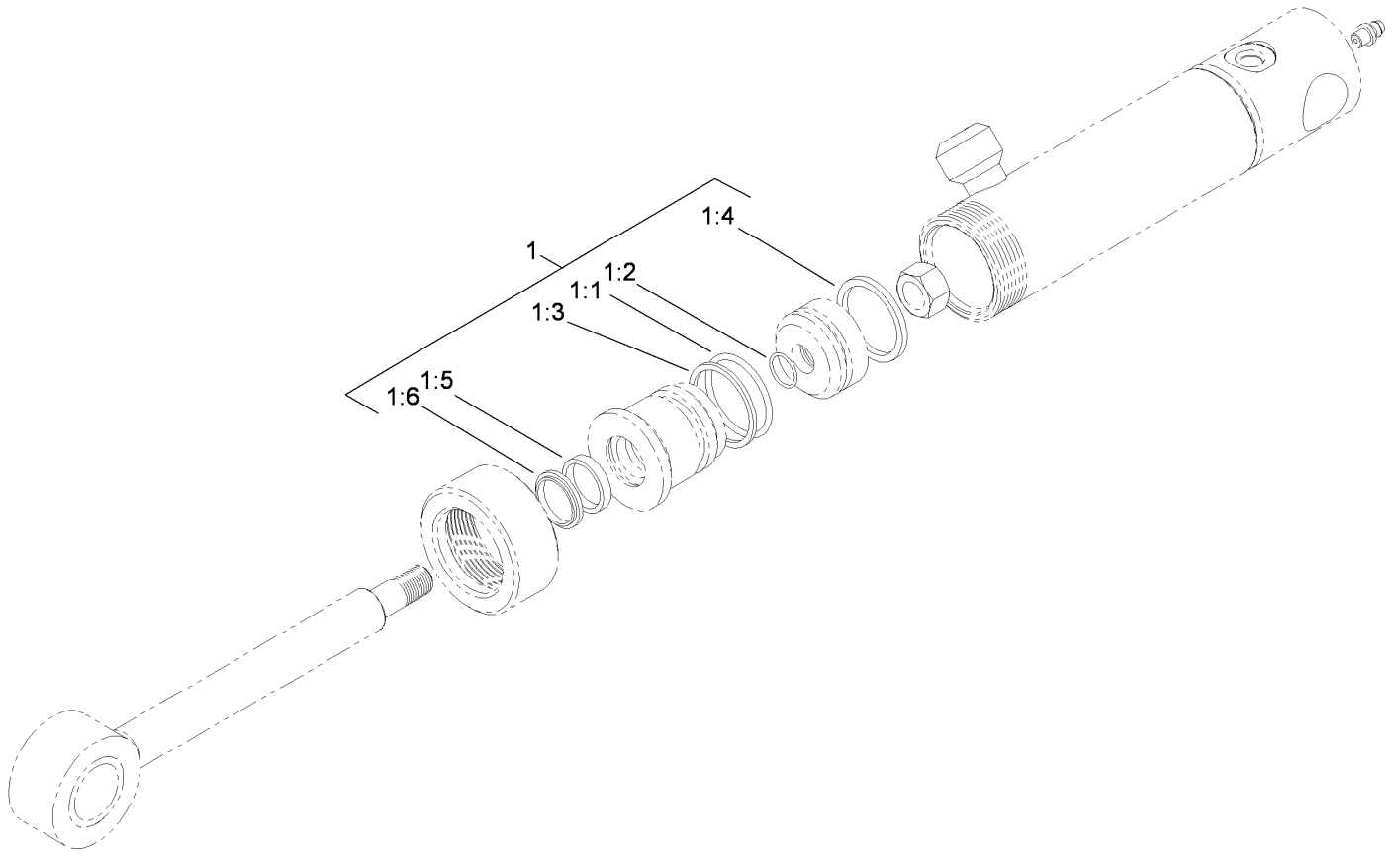
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 19   | 103-2898    | 2    | Latch-Rubber   |
| 20   | 3234-38     | 3    | Screw-HHF      |
| 21   | 99-5107     | 9    | Nut-Lock       |
| 22   | 99-7214     | 1    | Pawl-Brake     |
| 25   | 323-14      | 2    | Screw-HH       |
| 26   | 323-53      | 1    | Screw-HH       |
| 27   | 340-70      | 2    | Nut-Lock       |
| 28   | 107-2269    | 2    | Seal-Bulb      |
| 29   | 69-8970     | 2    | Spacer         |
| 30   | 69-8940     | 4    | Washer         |
| 31   | 323-7       | 1    | Screw-HH       |
| 32   | 131-1931    | 1    | Rear Axle ASM  |
| 33   | 327-6       | 2    | Screw-HH       |
| 34   | 3217-11     | 2    | Nut-Hex        |
| 35   | 3234-13     | 2    | Screw-HHF      |
| 36   | 302-5       | 2    | Fitting-Grease |



## Lift Shaft and Linkage Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 115-0190-03 | 1    | Shaft-Lift           |
| 2    | 115-0491    | 4    | Cap-Bearing          |
| 3    | 117-2903    | 2    | Plate-Bearing        |
| 4    | 325-37      | 4    | Screw-HH             |
| 5    | 112-9544    | 1    | Pin-HOC              |
| 6    | 110-9834    | 1    | HYD Cylinder ASM     |
| 7    | 340-92      | 2    | Fitting-Straight     |
| 7:1  | 237-78      | 1    | O-Ring               |
| 7:2  | 237-21      | 1    | O-Ring               |
| 9    | 115-0183    | 1    | Shaft-Cylinder, Lift |
| 10   | 327-8       | 2    | Screw-HH             |
| 11   | 32151-29    | 2    | Ring-Retaining       |
| 12   | 125-1910    | 1    | Pin-Pivot            |
| 13   | 302-5       | 3    | Fitting-Grease       |
| 14   | 99-5107     | 4    | Nut-Lock             |
| 15   | 99-5105     | 1    | Bolt-Shoulder        |

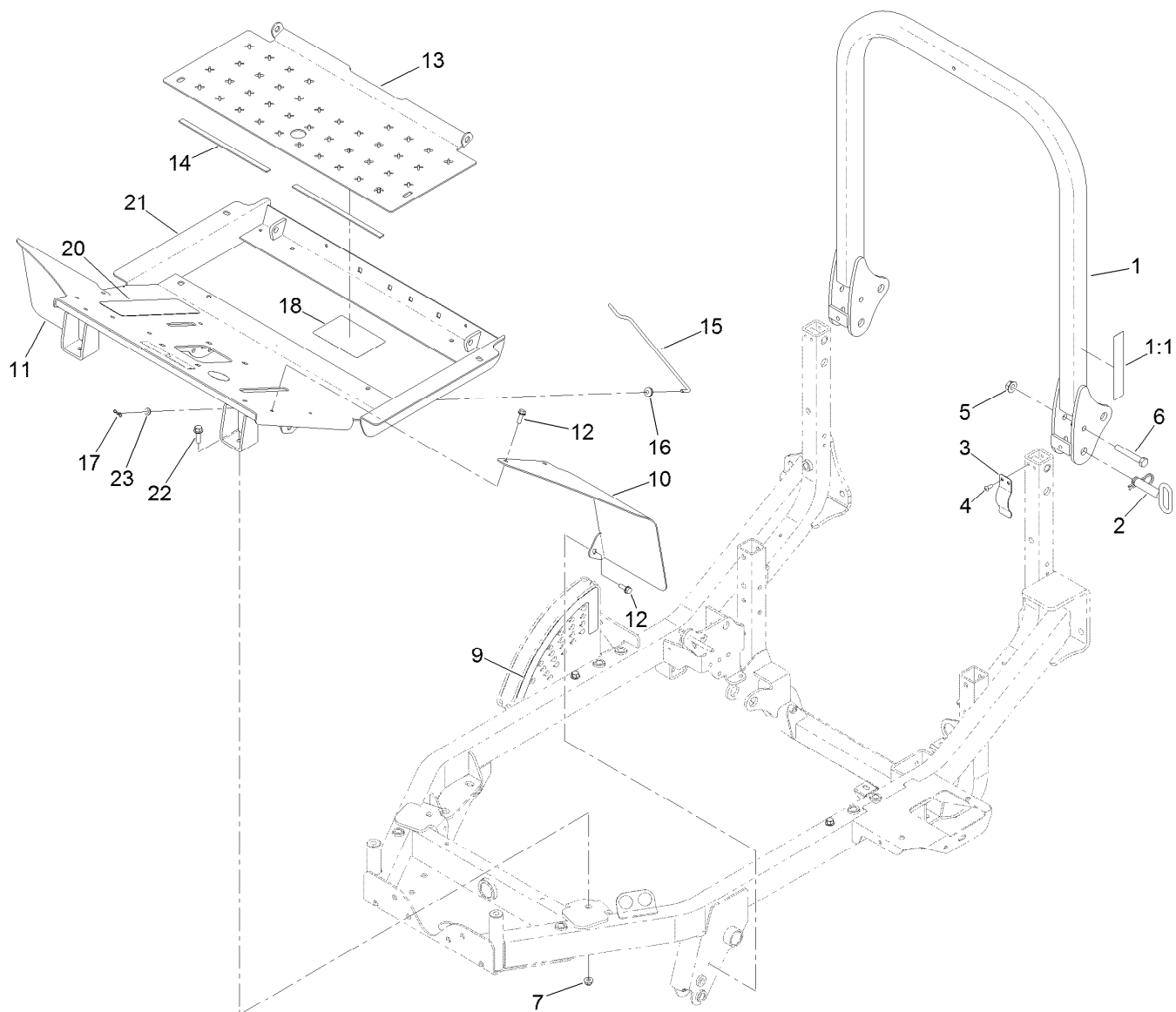
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 16   | 119-1385    | 4    | Chain-HOC           |
| 17   | 119-1380-03 | 1    | Lift-RH             |
| 18   | 119-1383-03 | 1    | Lift-LH             |
| 19   | 114-5680    | 4    | Bushing-Flange      |
| 20   | 69-9010     | 4    | Washer              |
| 21   | 302-2       | 2    | Fitting-Grease      |
| 22   | 103-1898    | 4    | Screw-HH            |
| 23   | 32128-37    | 8    | Nut-HF              |
| 24   | 327-7       | 2    | Screw-HH            |
| 25   | 3296-61     | 4    | Nut-Lock            |
| 26   | 114-4059    | 2    | Link ASM            |
| 26:2 | 3220-6      | 2    | Nut-Jam             |
| 26:3 | 1-633029    | 2    | Balljoint-Spherical |
| 27   | 112-1602    | 2    | Pin-Retainer        |
| 28   | 32144-41    | 2    | Screw-Taptite       |
| 29   | 32151-36    | 2    | Ring-Retaining      |



## 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

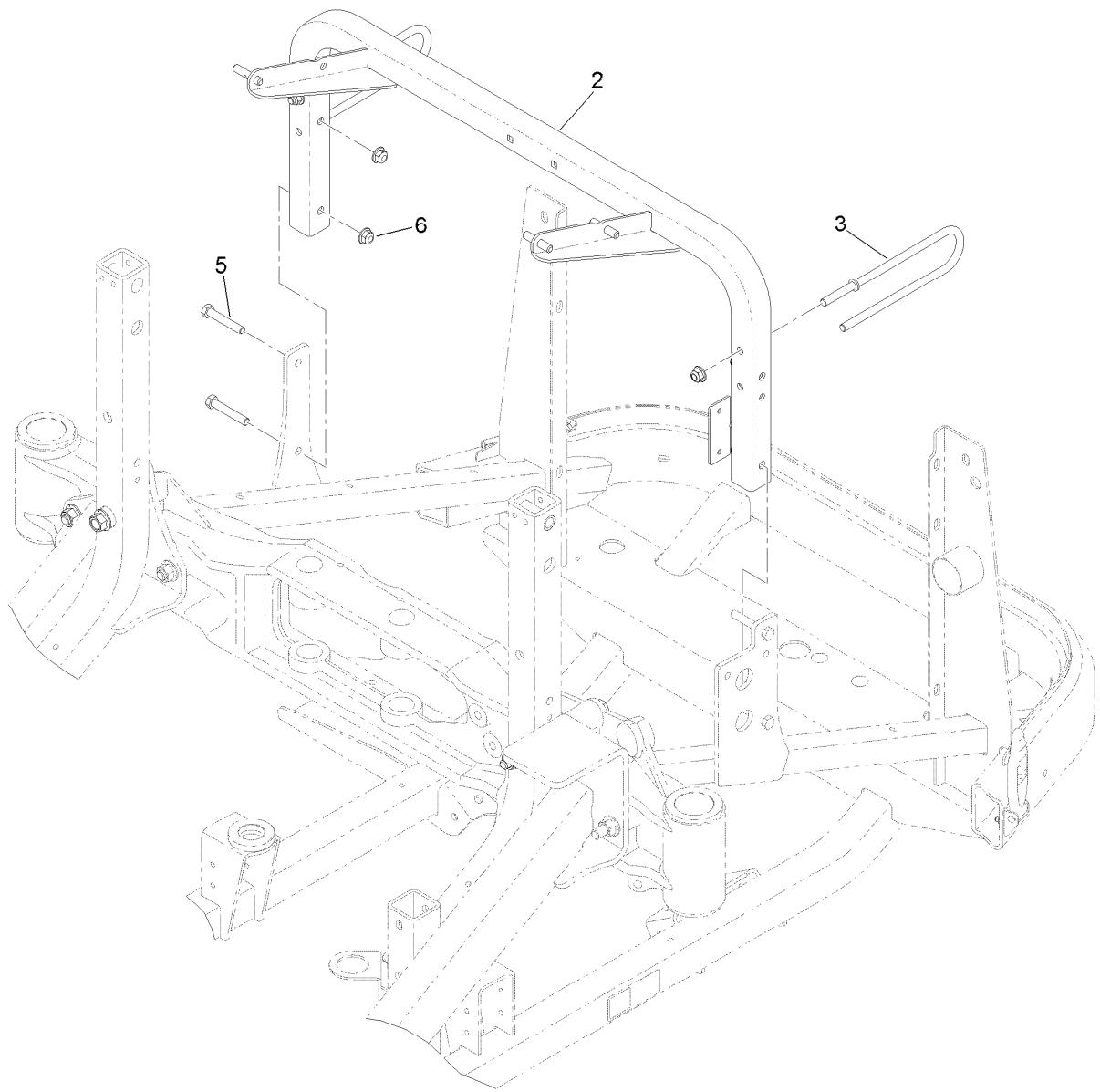


## Platform and Roll-Over Protection System Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 127-6520    | 1    | ROPS ASM           |
| 1:1  | 117-3272    | 1    | Decal-Danger, ROPS |
| 2    | 103-4553    | 2    | Pin-Fold, ROPS     |
| 3    | 110-5696    | 2    | Spring-Leaf        |
| 4    | 3290-412    | 4    | Rivet-Blind        |
| 5    | 32128-23    | 2    | Nut-HF             |
| 6    | 112-7264    | 2    | Screw-HH           |
| 7    | 104-8301    | 2    | Nut-HF, NI         |
| 9    | 132-6552    | 1    | Decal-HOC          |
| 10   | 117-3203-03 | 1    | Fender-Front, LH   |
| 11   | 117-3202-03 | 1    | Fender-Front, RH   |

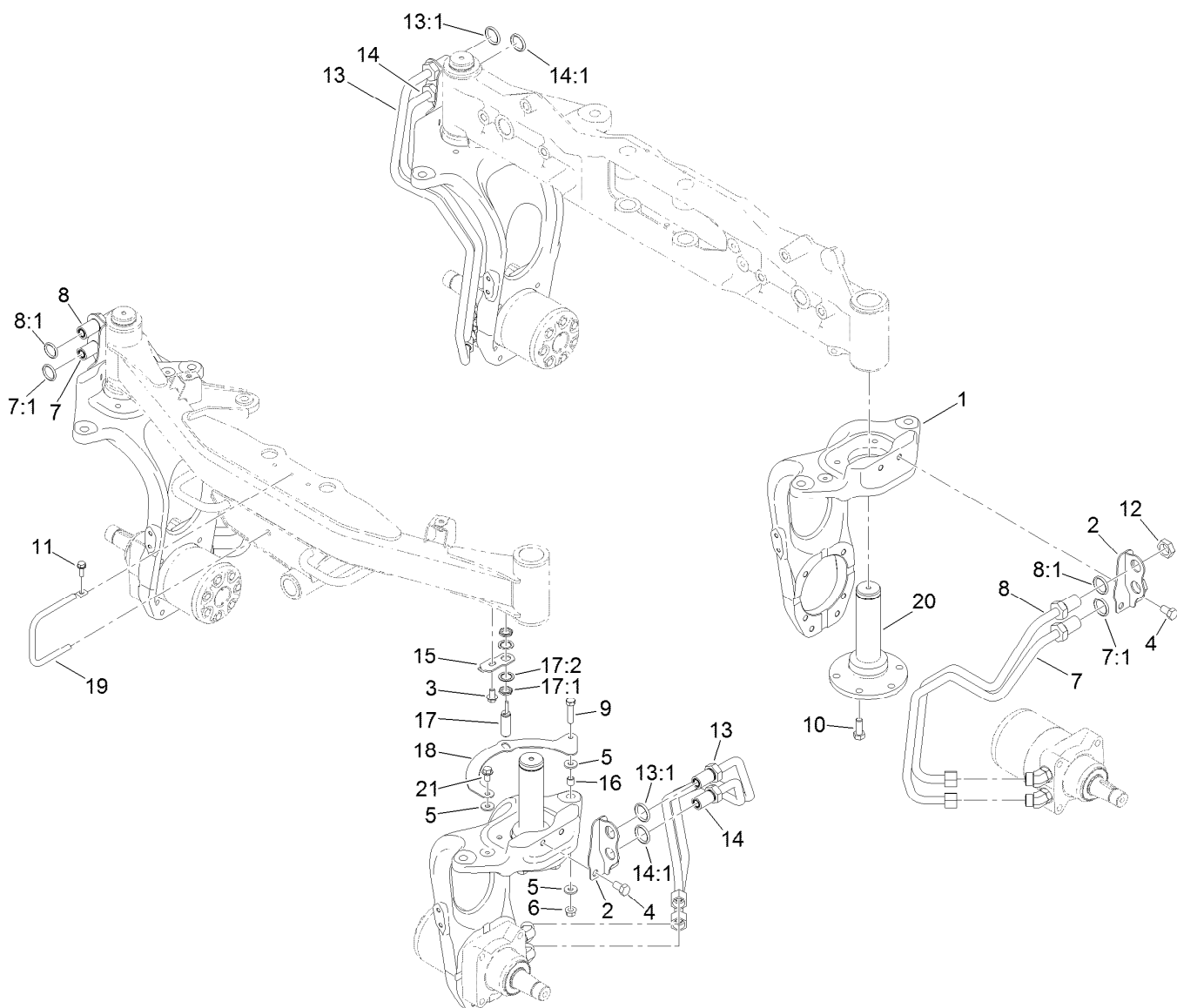
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 12   | 32144-41    | 6    | Screw-Taptite       |
| 13   | 117-3204-03 | 1    | Plate-Floor         |
| 14   | 115-8827    | 2    | Foam-Strip          |
| 15   | 110-9847    | 1    | Rod-Prop            |
| 16   | 237-141     | 1    | Grommet-Rubber      |
| 17   | 119-1414    | 1    | Pin-Cotter, Locking |
| 18   | 112-1461    | 1    | Decal-Routing, Belt |
| 20   | 71-0440     | 1    | Abrasive-Pedal      |
| 21   | 119-1398-01 | 1    | Platform            |
| 22   | 3234-24     | 4    | Screw-HHF           |
| 23   | 3256-22     | 1    | Washer-Flat         |





## Rear Frame Components Assembly

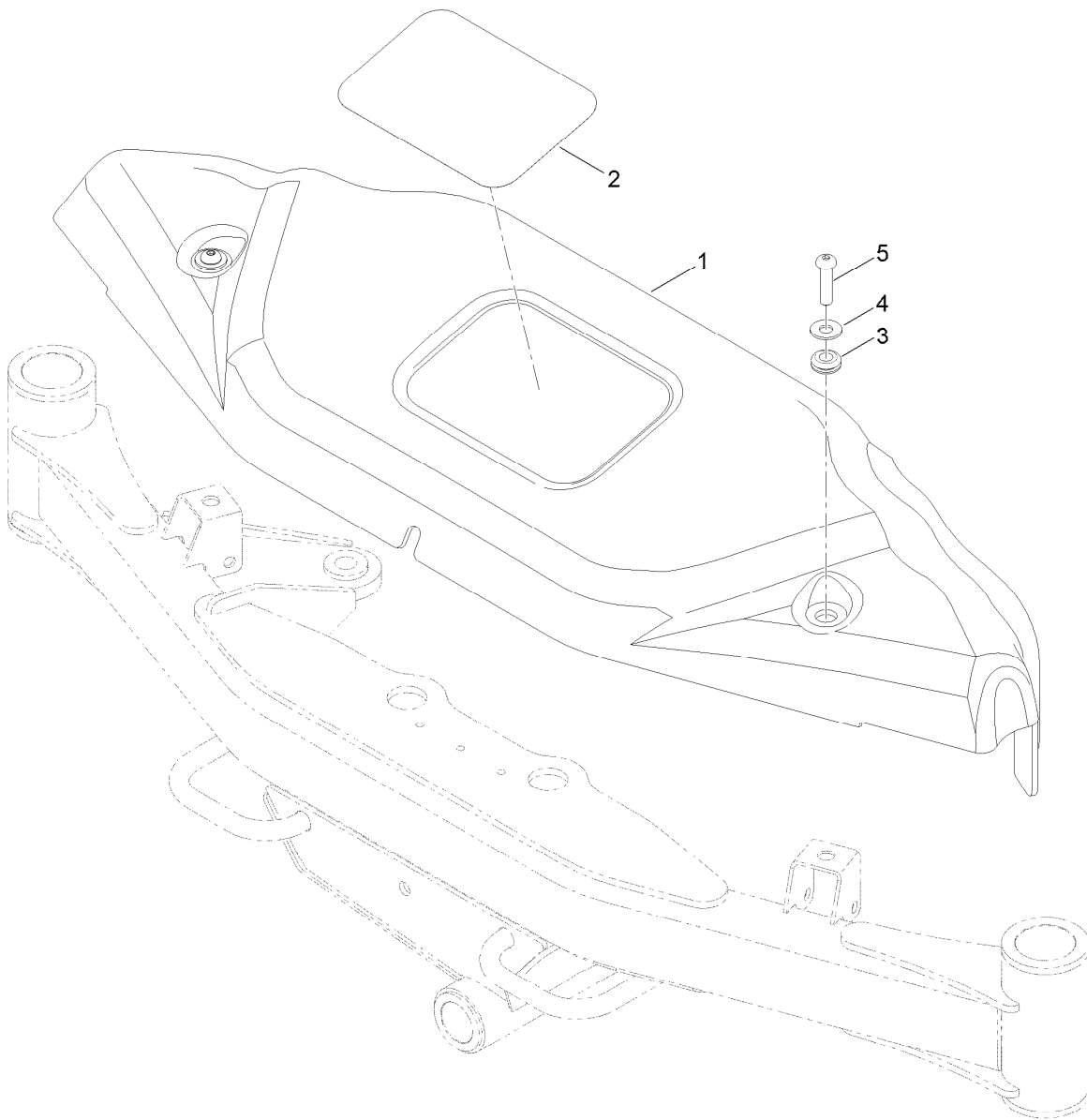
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 2           | 125-9202-03        | 1           | Tube-Cross         |
| 3           | 127-4853           | 2           | Guide-Hose         |
| 5           | 323-45             | 4           | Screw-HH           |
| 6           | 104-8301           | 6           | Nut-HF, NI         |



## 4 Wheel Drive Steering Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 117-2951    | 4    | Base-Fork, Steer   |
| 2    | 132-6556-03 | 4    | Bracket-Bulkhead   |
| 3    | 110-9380    | 1    | Screw-HWH          |
| 4    | 325-3       | 8    | Screw-HH           |
| 5    | 5-0838      | 3    | Washer             |
| 6    | 32128-21    | 1    | Nut-HF             |
| 7    | 117-2948    | 2    | Upper Tube ASM     |
| 7:1  | 237-65      | 1    | O-Ring             |
| 8    | 117-2949    | 2    | Lower Tube ASM     |
| 8:1  | 237-65      | 1    | O-Ring             |
| 9    | 323-8       | 1    | Screw-HH           |
| 10   | 117-3266    | 20   | Screw-HH           |
| 11   | 32144-41    | 1    | Screw-Taptite      |
| 12   | 340-74      | 8    | Nut-Lock, Bulkhead |

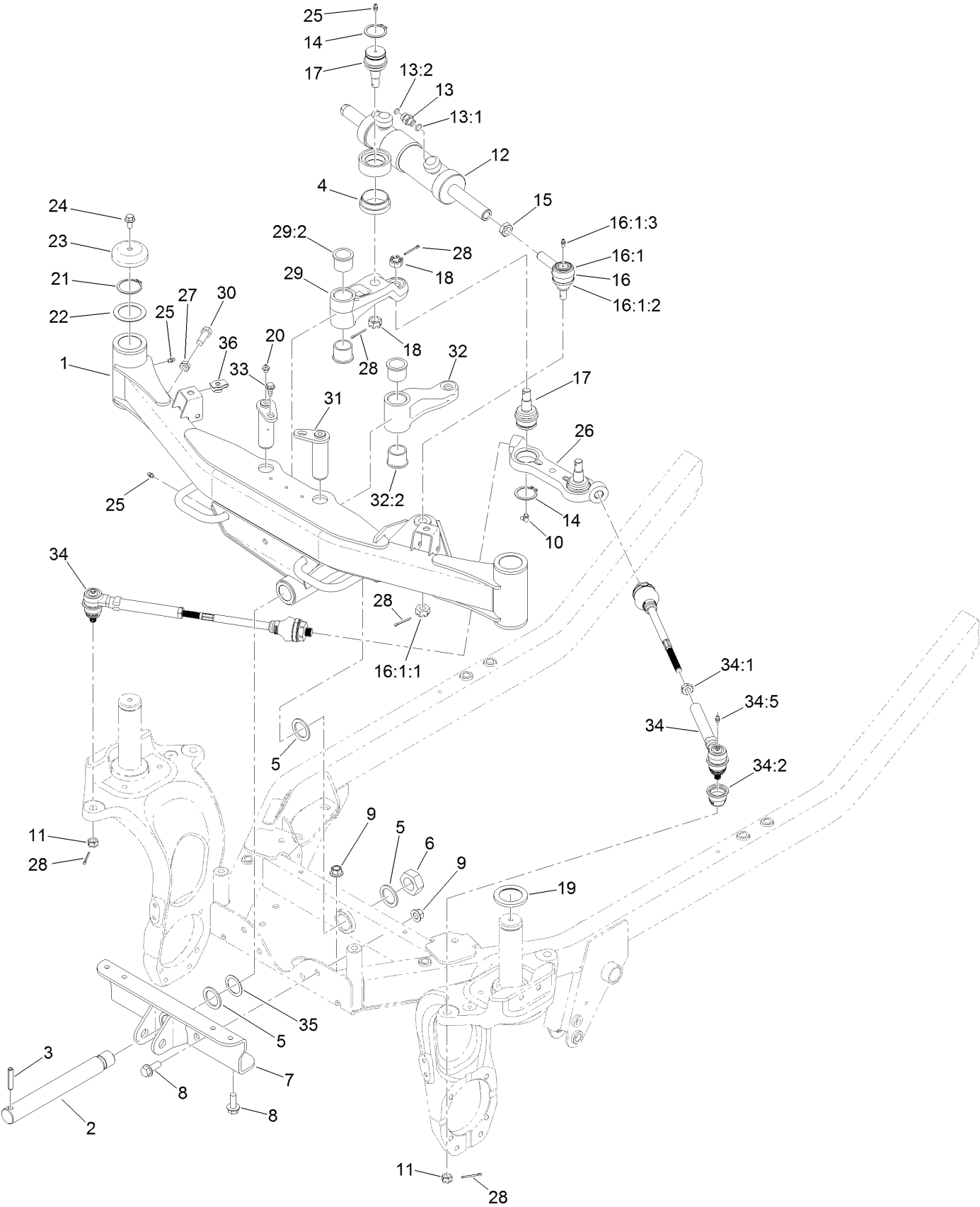
| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 13   | 117-2946    | 2    | Upper Tube ASM              |
| 13:1 | 237-65      | 1    | O-Ring                      |
| 14   | 117-2947    | 2    | Lower Tube ASM              |
| 14:1 | 237-65      | 1    | O-Ring                      |
| 15   | 119-1413    | 1    | Bracket-Sensor              |
| 16   | 103-1166    | 1    | Spacer-Tube, Pump Link      |
| 17   | 115-5300    | 1    | Proximity Switch ASM        |
| 17:1 | 117-3207    | 2    | Nut-Hex                     |
| 17:2 | 117-3208    | 2    | Washer-Lock, Internal Tooth |
| 18   | 117-2216-03 | 1    | Bracket-Target              |
| 19   | 117-3178    | 1    | Rod-Guide                   |
| 20   | 117-3361    | 4    | Spindle-Steer               |
| 21   | 3234-47     | 1    | Screw-HHF                   |



## Front Cover Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 125-2828           | 1           | Cover-Front        |
| 2           | 104-7213           | 1           | Decal              |
| 3           | 1-633630           | 2           | Grommet            |
| 4           | 100-7403           | 2           | Washer-Flat        |
| 5           | 95-3857            | 2           | Screw-HSBH         |

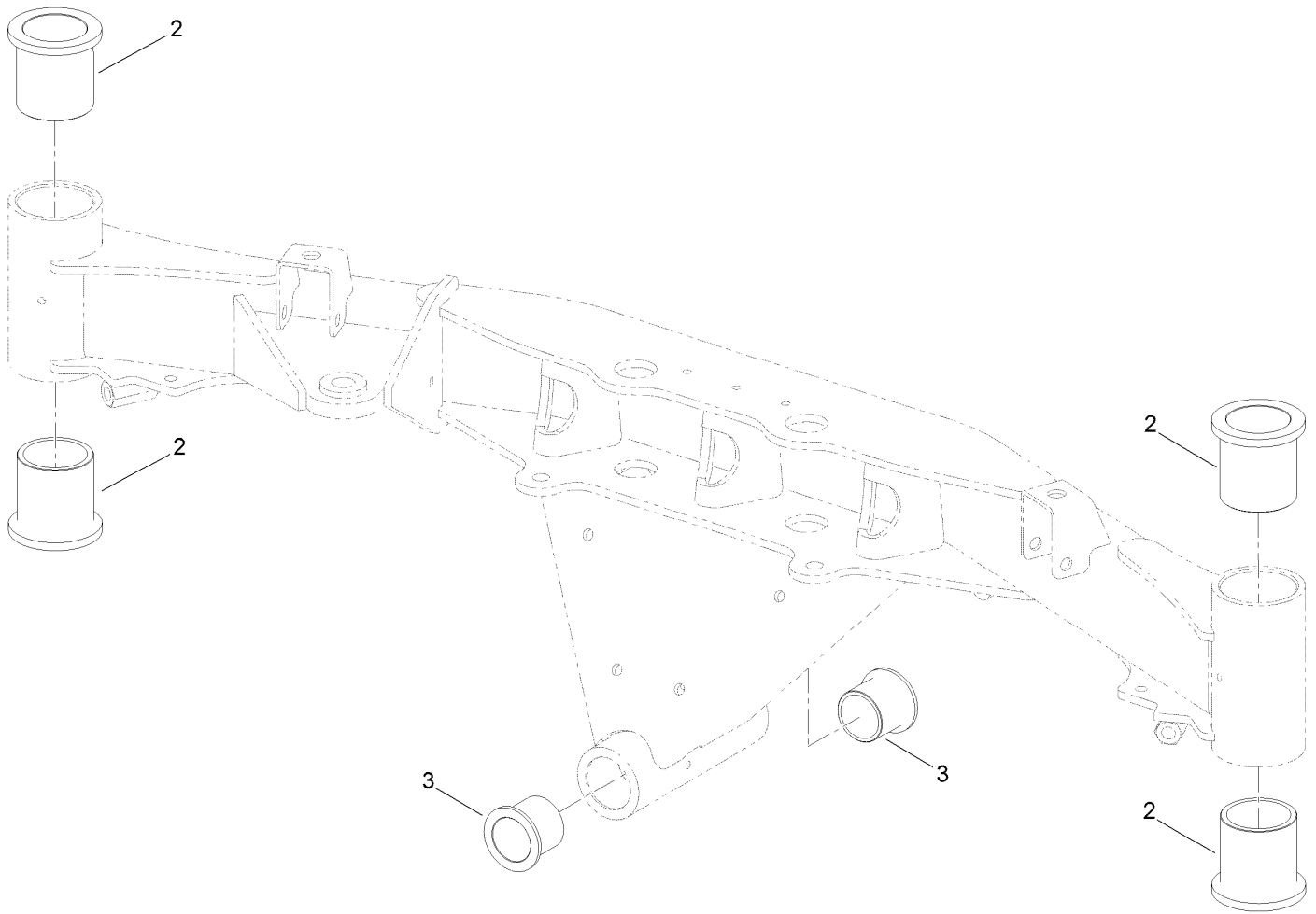
# Front Axle and Tie Rod Assembly



## Front Axle and Tie Rod Assembly (continued)

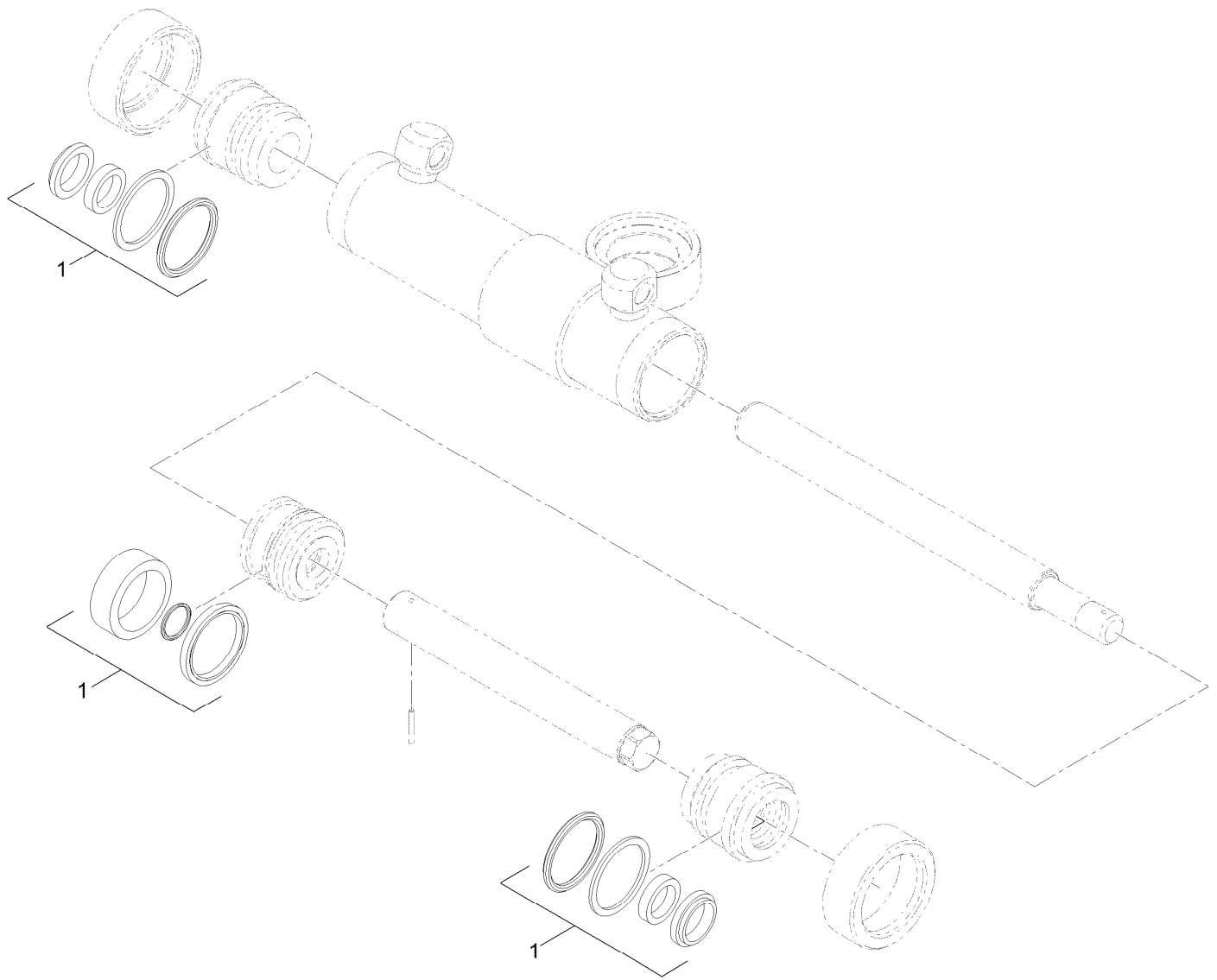
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------------|-------------|--------------------|-------------|--------------------|
| 1           | 125-2825           | 1           | Front Axle ASM           | 19          | 100-2508           | 2           | Washer-Thrust      |
| 2           | 119-1376           | 1           | Shaft-Pivot              | 20          | 302-2              | 2           | Fitting-Grease     |
| 3           | 32121-110          | 1           | Pin-Roll, Slotted        | 21          | 100-4196           | 2           | Ring-Retaining     |
| 4           | 120-0238           | 1           | Spacer-Cylinder          | 22          | 115-0169           | 2           | Washer-Thrust      |
| 5           | 98-1452            | 3           | Washer-Thrust            | 23          | 100-3362           | 2           | Cap-Spindle        |
| 6           | 3296-68            | 1           | Nut-Lock, NI             | 24          | 3234-12            | 2           | Screw-HHF          |
| 7           | 117-2920-03        | 1           | Support-Axle             | 25          | 302-5              | 4           | Fitting-Grease     |
| 8           | 3234-38            | 6           | Screw-HHF                | 26          | 117-2986           | 1           | Centerlink         |
| 9           | 99-5107            | 6           | Nut-Lock                 | 27          | 3218-5             | 2           | Nut-Jam            |
| 10          | 302-60             | 2           | Fitting-Grease           | 28          | 3272-12            | 6           | Pin-Cotter         |
| 11          | 32136-3            | 2           | Nut-SHH                  | 29          | 120-0391           | 1           | Front LH Arm ASM   |
| 12          | 125-2835           | 1           | HYD Cylinder ASM         | 29:2        | 94-8947            | 2           | Bushing-Flange     |
| 13          | 340-2              | 2           | Fitting-Straight         | 30          | 325-6              | 2           | Screw-HH           |
| 13:1        | 237-22             | 1           | O-Ring                   | 31          | 117-3167           | 2           | Front Pin ASM      |
| 13:2        | 237-42             | 1           | O-Ring                   | 32          | 120-0390           | 1           | Front RH Arm ASM   |
| 14          | 32151-104          | 3           | Ring-Retaining, External | 32:2        | 94-8947            | 2           | Bushing-Flange     |
| 15          | 84-5300            | 1           | Nut-Jam                  | 33          | 99-5105            | 2           | Bolt-Shoulder      |
| 16          | 71-4740-03         | 1           | RH Tie Rod End ASM       | 34          | 117-2983           | 2           | Rod-Tie, Front     |
| 16:1        |                    | 1           | End-Rod, Tie (RH)●       | 34:1        | 42-9650            | 1           | Nut-Hex, Jam       |
| 16:1:1      | 105-7941           | 1           | Nut-Hex, Slotted         | 34:2        | 117-3287           | 1           | Dust Boot          |
| 16:1:2      | 105-7835           | 1           | Seal                     | 34:5        | 302-5              | 1           | Fitting-Grease     |
| 16:1:3      | 302-5              | 1           | Fitting-Grease           | 35          | 93-4628            | 1           | Washer             |
| 17          | 106-6774           | 3           | Joint-Ball               | 36          | 105-4886           | 2           | Nut-Tinnerman      |
| 18          | 32136-2            | 3           | Nut-SHH                  |             |                    |             |                    |

● Not serviced separately



## Front Axle Assembly No. 125-2825

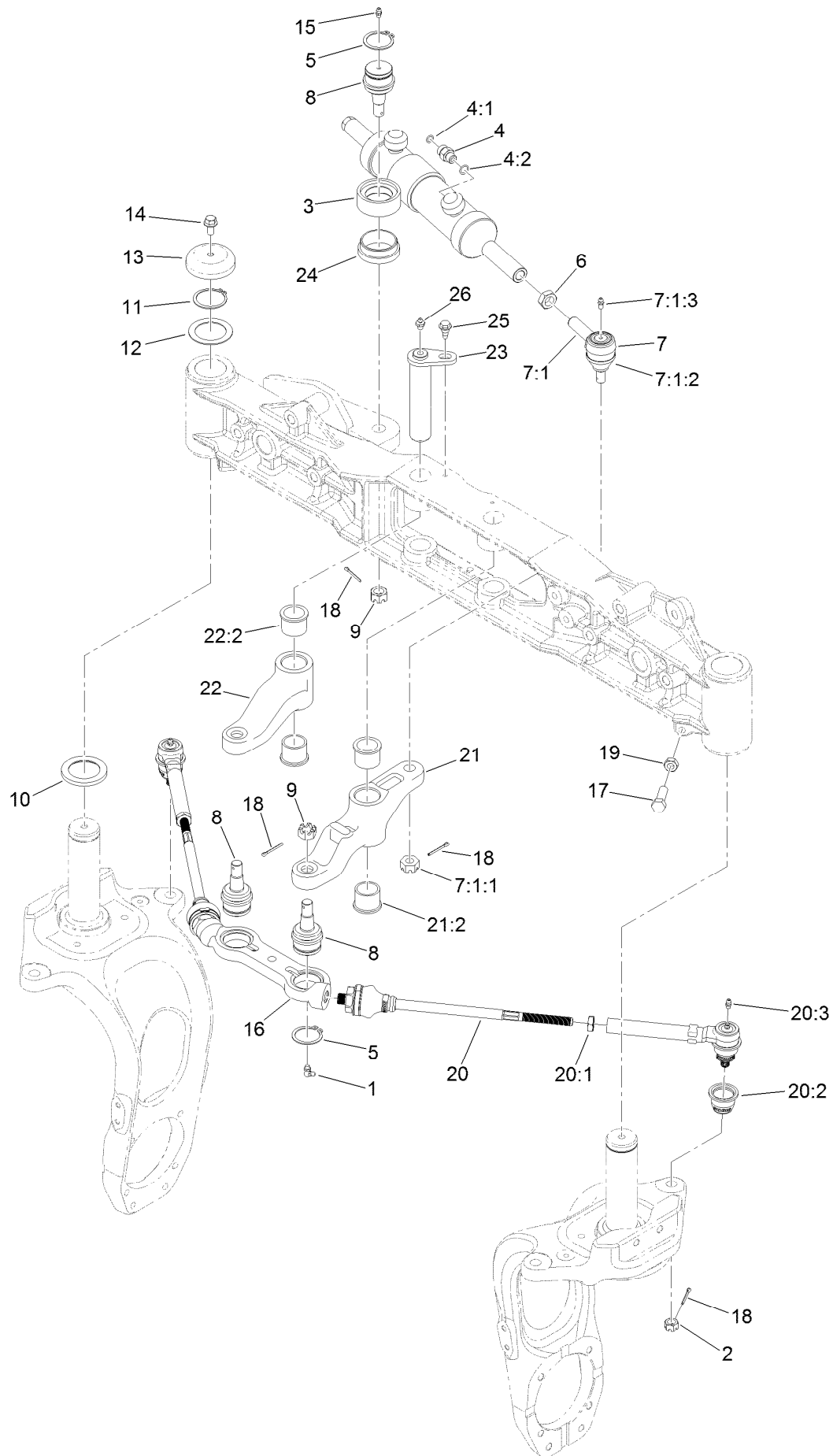
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 2    | 125-4386    | 4    | Bushing-Castor |
| 3    | 69-6470     | 2    | Bushing-Castor |



## Hydraulic Cylinder Assembly No.125-2835

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 120-2557           | 1           | Seal Kit           |

# Rear Steering Assembly

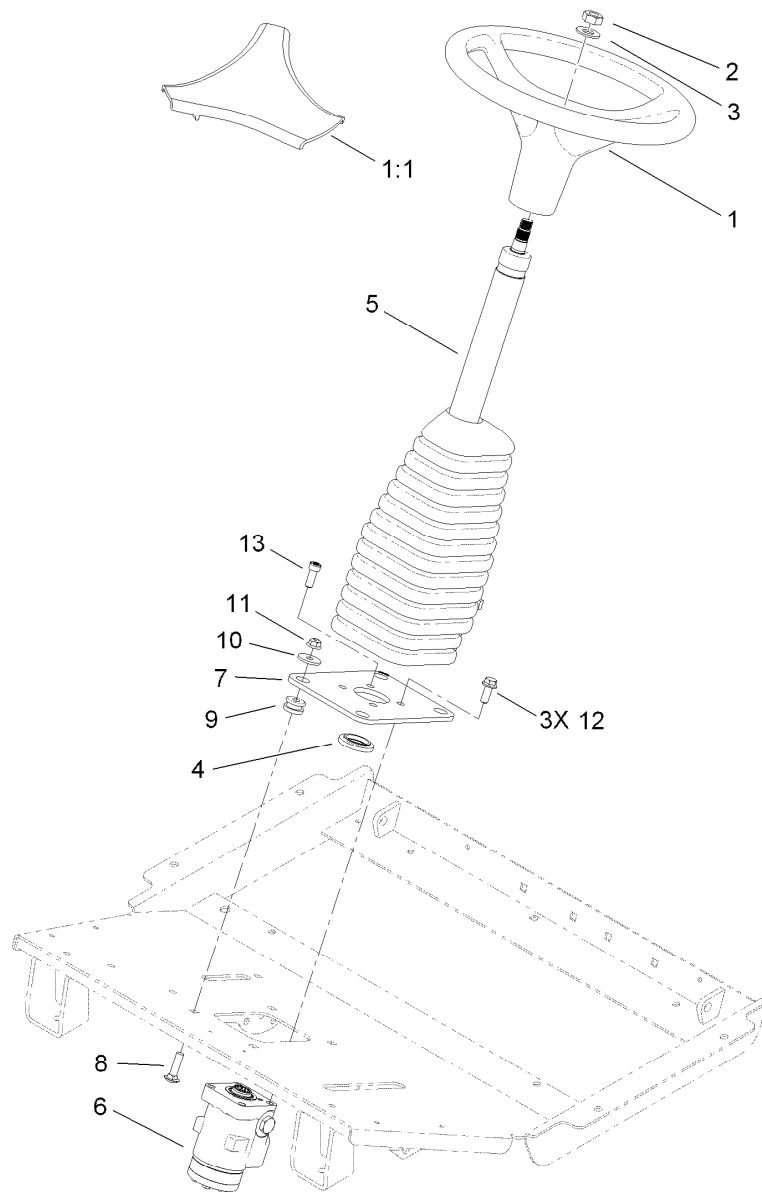




## Rear Steering Assembly (continued)

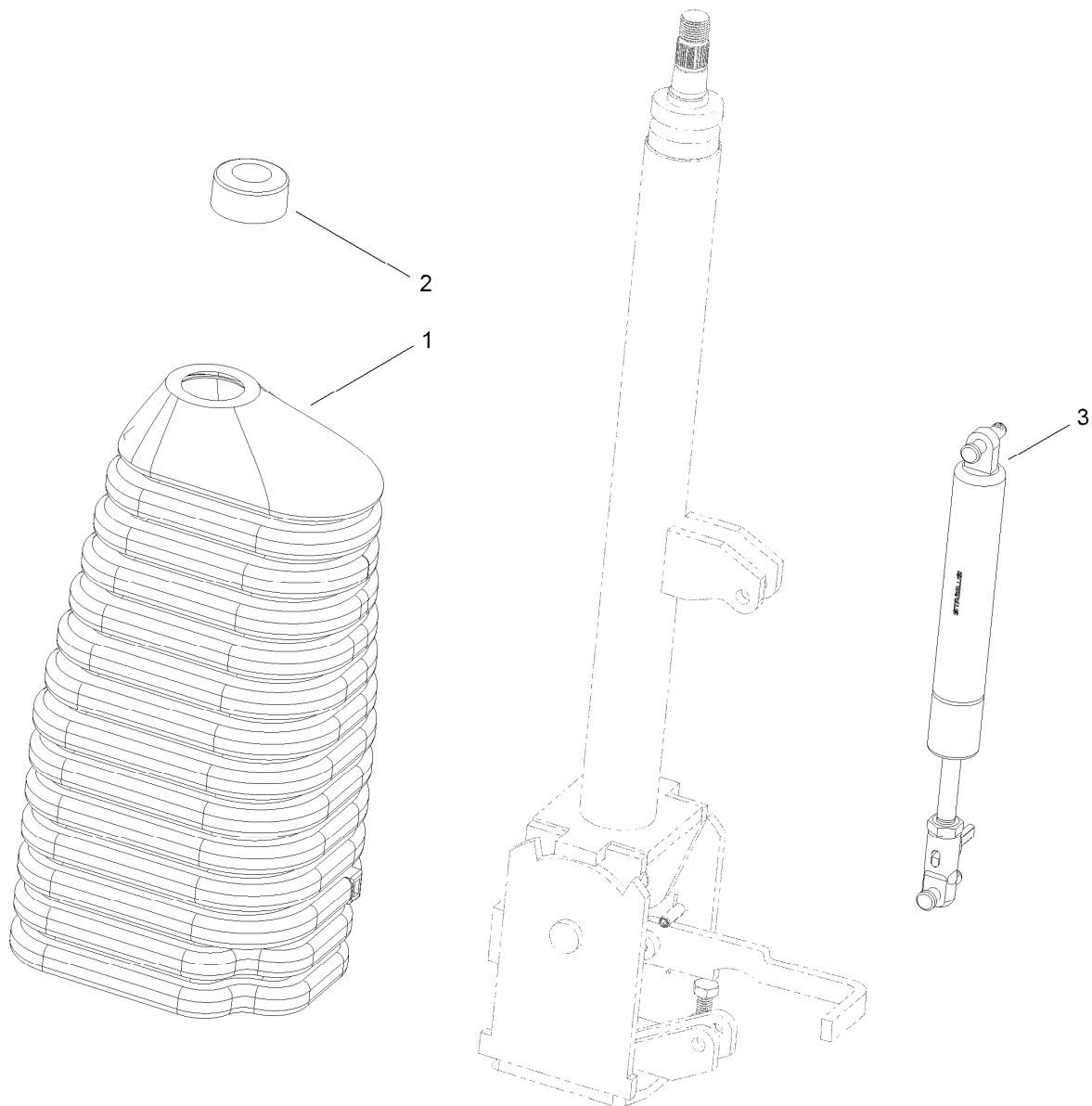
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------------|-------------|--------------------|-------------|--------------------|
| 1           | 302-60             | 2           | Fitting-Grease           | 14          | 3234-12            | 2           | Screw-HHF          |
| 2           | 32136-3            | 2           | Nut-SHH                  | 15          | 302-5              | 1           | Fitting-Grease     |
| 3           | 125-2835           | 1           | HYD Cylinder ASM         | 16          | 117-2986           | 1           | Centerlink         |
| 4           | 340-2              | 2           | Fitting-Straight         | 17          | 325-6              | 2           | Screw-HH           |
| 4:1         | 237-22             | 1           | O-Ring                   | 18          | 3272-12            | 6           | Pin-Cotter         |
| 4:2         | 237-42             | 1           | O-Ring                   | 19          | 3218-5             | 2           | Nut-Jam            |
| 5           | 32151-104          | 3           | Ring-Retaining, External | 20          | 117-2984           | 2           | Rod-Tie, Rear      |
| 6           | 84-5300            | 1           | Nut-Jam                  | 20:1        | 42-9650            | 1           | Nut-Hex, Jam       |
| 7           | 71-4740-03         | 1           | RH Tie Rod End ASM       | 20:2        | 117-3287           | 1           | Dust Boot          |
| 7:1         |                    | 1           | End-Rod, Tie (RH) ●      | 20:3        | 302-5              | 1           | Fitting-Grease     |
| 7:1:1       | 105-7941           | 1           | Nut-Hex, Slotted         | 21          | 125-2832           | 1           | Rear LH Arm ASM    |
| 7:1:2       | 105-7835           | 1           | Seal                     | 21:2        | 94-8947            | 2           | Bushing-Flange     |
| 7:1:3       | 302-5              | 1           | Fitting-Grease           | 22          | 120-0392           | 1           | Rear RH Arm ASM    |
| 8           | 106-6774           | 3           | Joint-Ball               | 22:2        | 94-8947            | 2           | Bushing-Flange     |
| 9           | 32136-2            | 3           | Nut-SHH                  | 23          | 117-3137           | 2           | Pin ASM            |
| 10          | 100-2508           | 2           | Washer-Thrust            | 24          | 120-0238           | 1           | Spacer-Cylinder    |
| 11          | 100-4196           | 2           | Ring-Retaining           | 25          | 99-5105            | 2           | Bolt-Shoulder      |
| 12          | 115-0169           | 2           | Washer-Thrust            | 26          | 302-2              | 2           | Fitting-Grease     |
| 13          | 100-3362           | 2           | Cap-Spindle              |             |                    |             |                    |

● Not serviced separately



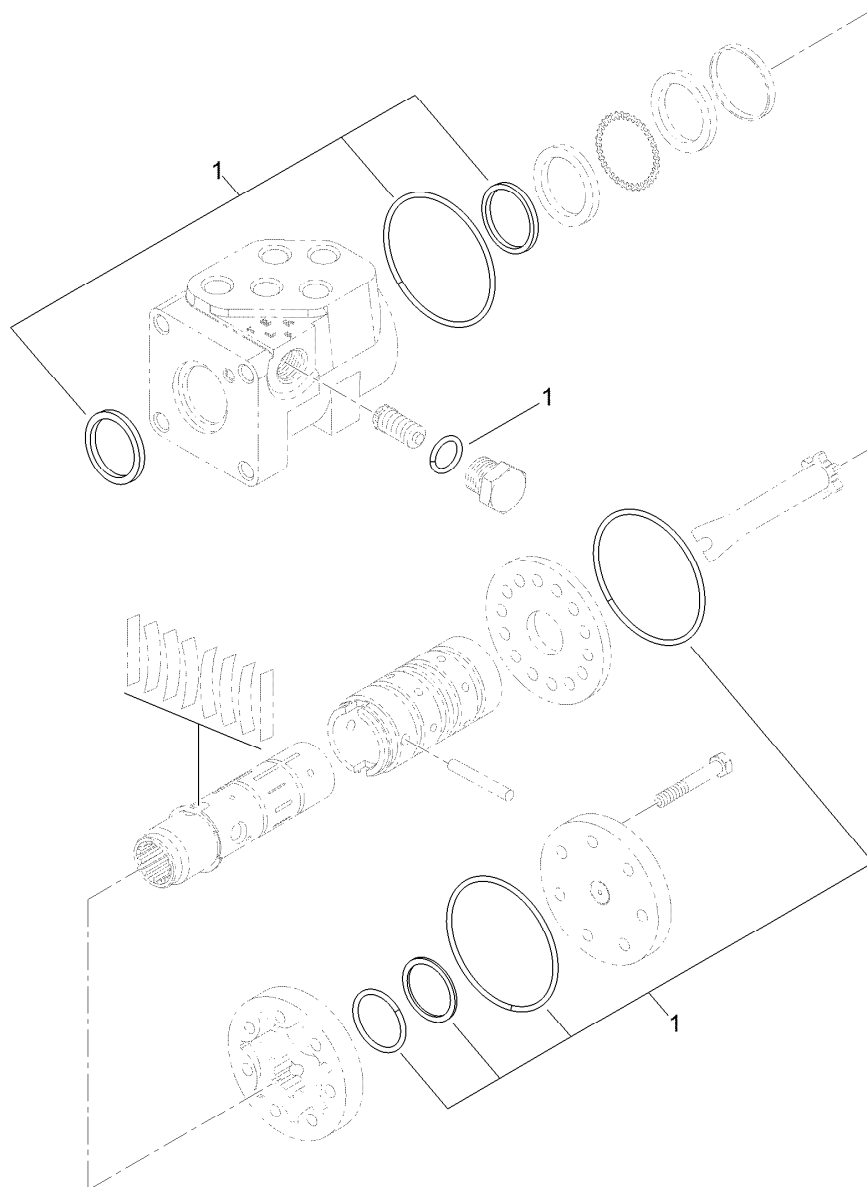
## Steering Column Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 98-1471     | 1    | Wheel-Steering          |
| 1:1  | 98-1468     | 1    | Cover-Wheel, Steering   |
| 2    | 3296-33     | 1    | Nut-Lock, NI            |
| 3    | 3256-27     | 1    | Washer-Flat             |
| 4    | 117-3373    | 1    | Bushing-Alignment       |
| 5    | 117-3371    | 1    | Column-Steering         |
| 6    | 130-7948    | 1    | Valve-Control, Steering |
| 7    | 117-3234-03 | 1    | Plate-Steering          |
| 8    | 3231-26     | 4    | Screw-CARR              |
| 9    | 63-9750     | 4    | Mount                   |
| 10   | 63-8410     | 4    | Washer                  |
| 11   | 104-8301    | 4    | Nut-HF, NI              |
| 12   | 108-1531    | 3    | Screw-HHF               |
| 13   | 3273-41     | 1    | Screw-HSH               |



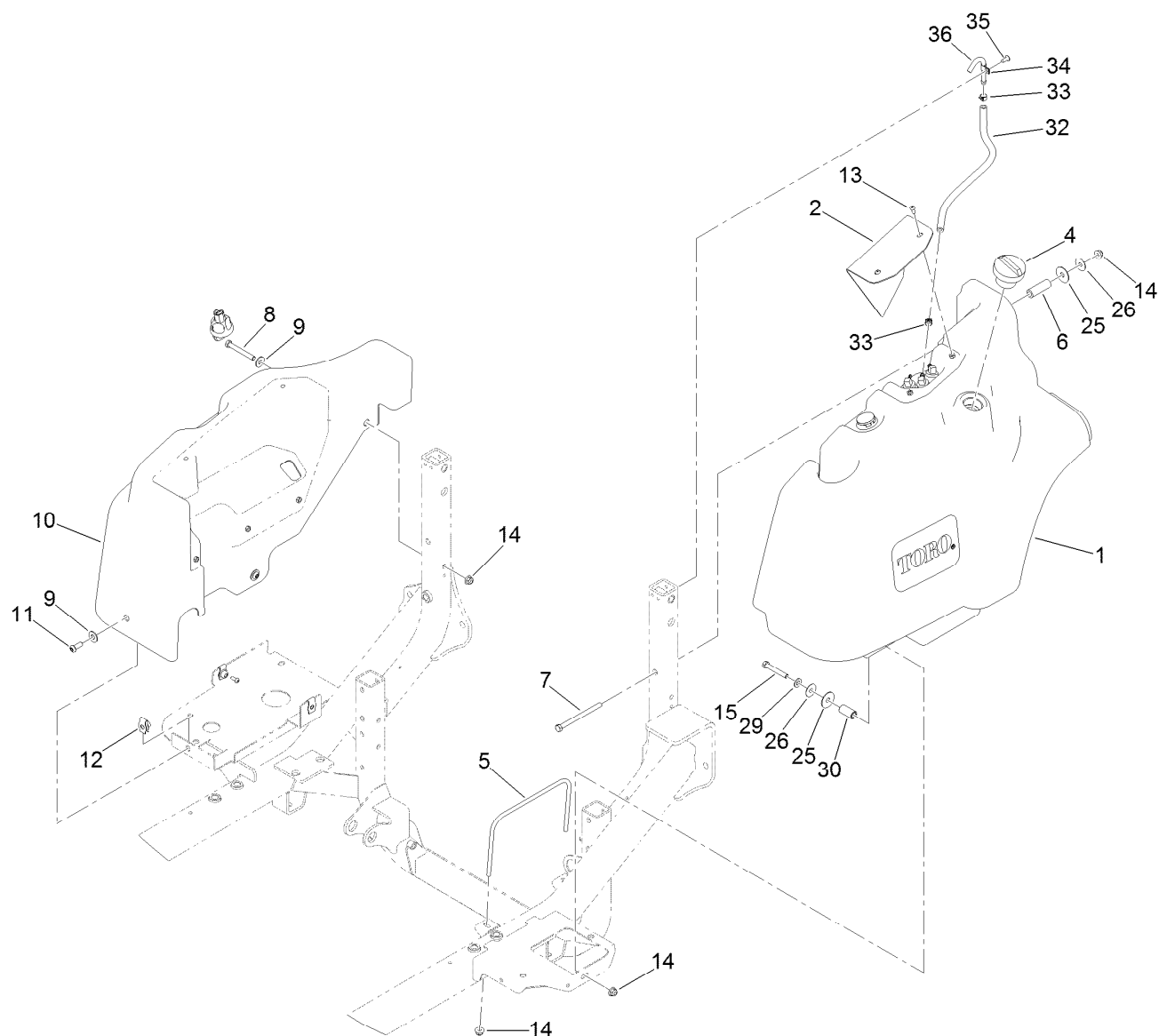
## Steering Column Assembly No. 117-3371

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 120-2592    | 1    | Boot-Rubber, Column  |
| 2    | 120-2593    | 1    | Boot-Rubber, Bearing |
| 3    | 120-2594    | 1    | Gas Spring ASM       |



## Steering Valve Assembly No. 130-7948

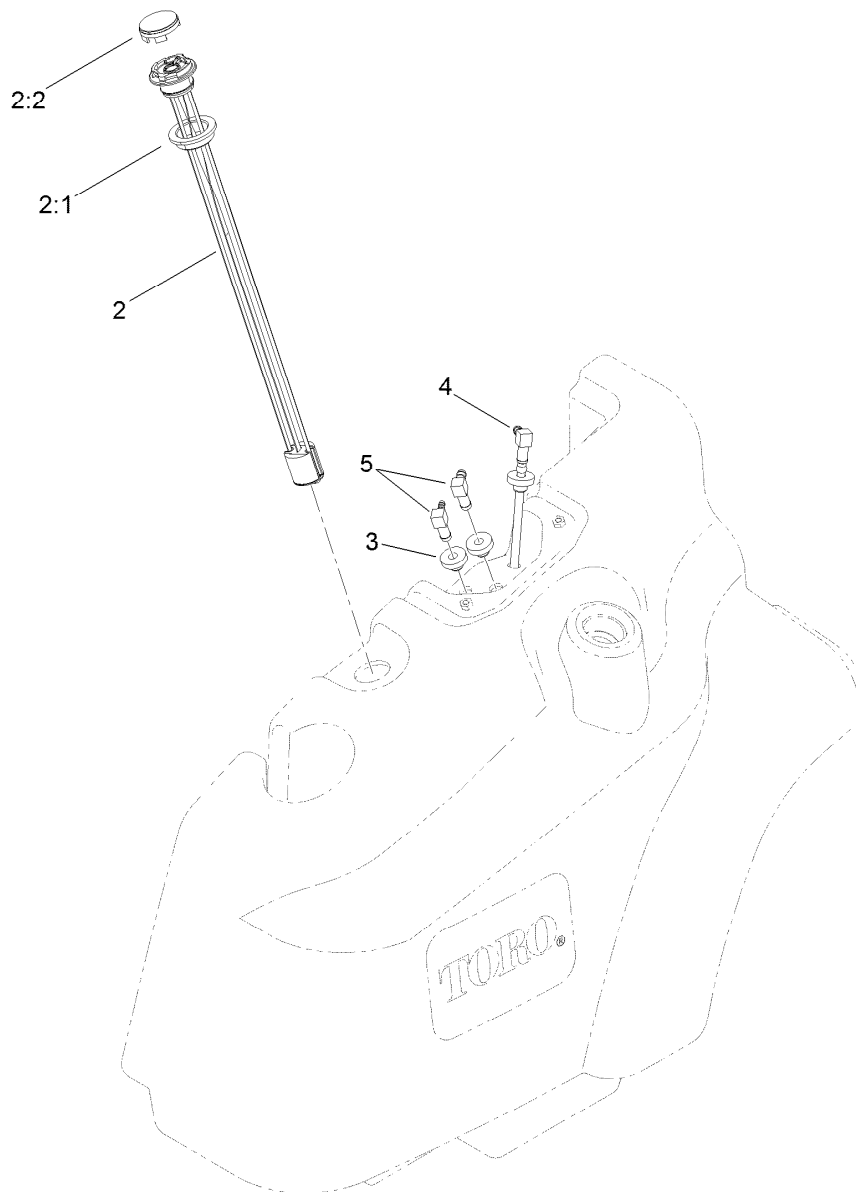
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 130-8357           | 1           | Seal Kit           |



## Fuel Tank and Control Panel Component Assembly

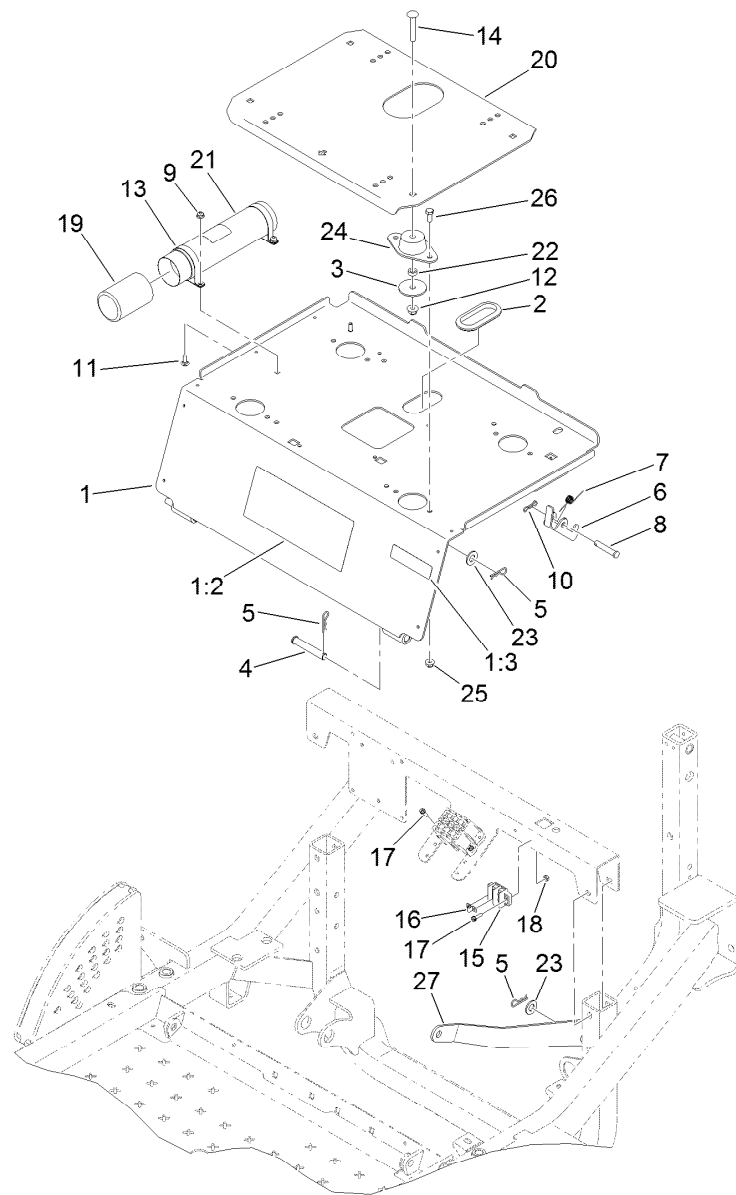
| Ref. | Part Number | Qty. | Description                         |
|------|-------------|------|-------------------------------------|
| 1    | 131-1920    | 1    | Fuel Tank ASM                       |
| 2    | 117-3359-03 | 1    | Plate-Cover                         |
| 4    | 125-9170    | 1    | Cap-Fuel, Diesel (Ultra Low Sulfur) |
| 5    | 117-3394    | 1    | Bracket-Tank                        |
| 6    | 117-3387    | 1    | Tube-Spacer                         |
| 7    | 323-39      | 1    | Screw-HH                            |
| 8    | 323-14      | 1    | Screw-HH                            |
| 9    | 100-7403    | 4    | Washer-Flat                         |
| 10   | 132-6550    | 1    | Cover-Tank, Hydraulic               |
| 11   | 3274-94     | 3    | Screw-HSBH                          |
| 12   | 105-4886    | 3    | Nut-Tinnerman                       |

| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 13   | 3274-31     | 2    | Screw-HSBH    |
| 14   | 104-8301    | 5    | Nut-HF, NI    |
| 15   | 323-12      | 1    | Screw-HH      |
| 25   | 95-1905     | 2    | Washer-Rubber |
| 26   | 105-6814    | 2    | Washer-Plain  |
| 29   | 3256-24     | 1    | Washer-Flat   |
| 30   | 110-3726    | 1    | Spacer        |
| 32   | 110-4101    | 1    | Hose-Fuel     |
| 33   | 92-2379     | 2    | Clamp-Hose    |
| 34   | 2412-89     | 1    | Clamp-R       |
| 35   | 3290-412    | 1    | Rivet-Blind   |
| 36   | 120-6820    | 1    | Tube-Vent     |



## Fuel Tank Assembly No. 131-1920

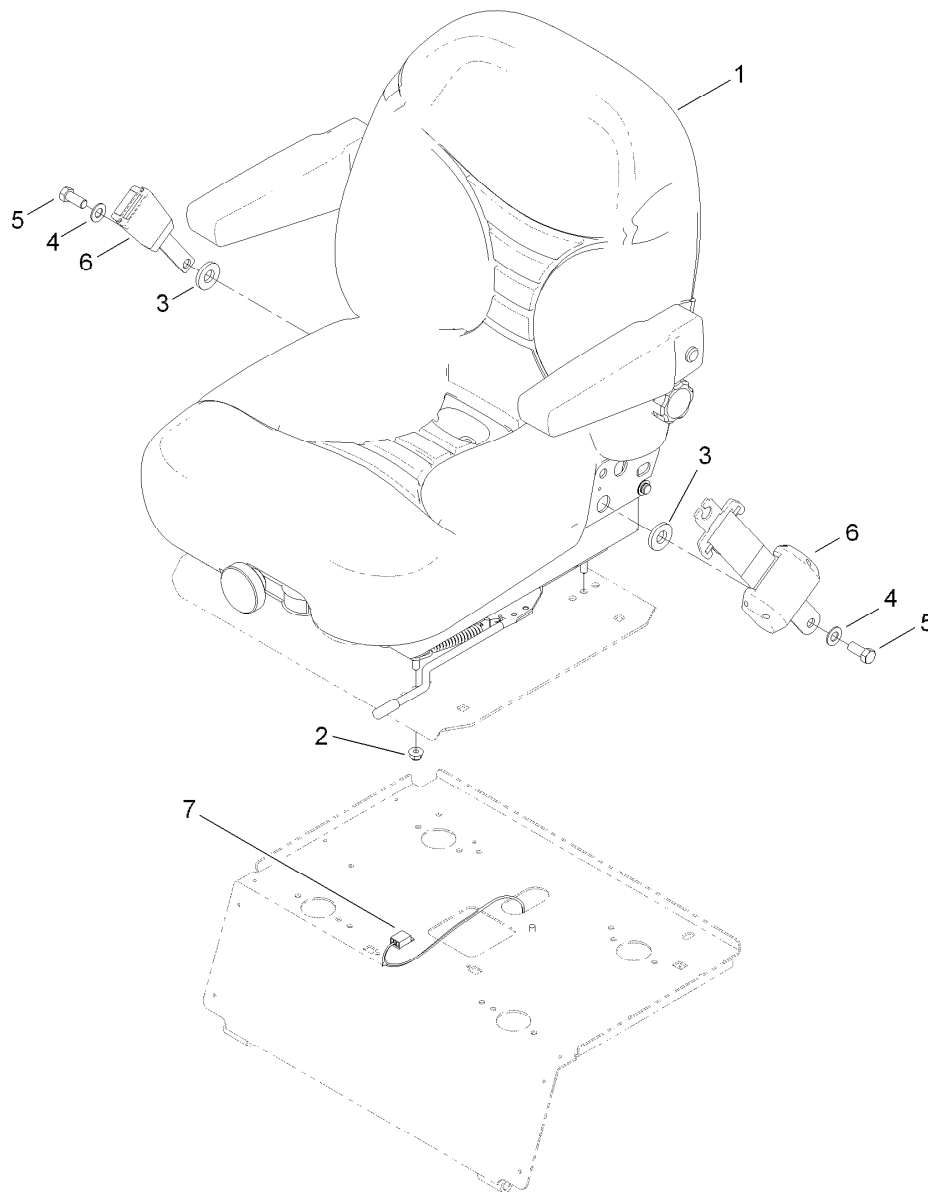
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 2           | 117-3238           | 1           | Gauge-Fuel            |
| 2:1         | 119-0508           | 1           | Seal                  |
| 2:2         | 117-8404           | 1           | Dial-Gauge            |
| 3           | 46-6560            | 3           | Bushing               |
| 4           | 117-3370           | 1           | Pipe-Stand            |
| 5           | 46-6550            | 2           | Fitting-Elbow, 90 DEG |



## Seat Plate Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 120-0244    | 1    | Seat Plate ASM           |
| 1:2  | 117-3273    | 1    | Decal-Operation, Warning |
| 1:3  | 133-8062    | 1    | Decal-Arrestor, Spark    |
| 2    | 237-164     | 1    | Grommet                  |
| 3    | 83-1040     | 4    | Washer-Flat              |
| 4    | 283-55      | 2    | Pin-Clevis               |
| 5    | 3290-467    | 4    | Pin-Hair                 |
| 6    | 117-3067    | 1    | Latch-Seat               |
| 7    | 104-4821    | 1    | Spring-Torsion           |
| 8    | 283-82      | 1    | Pin-Clevis               |
| 9    | 104-7201    | 2    | Nut-HF                   |
| 10   | 119-1415    | 1    | Pin-Cotter, Locking      |
| 11   | 3229-1      | 2    | Bolt-CARR                |
| 12   | 104-8301    | 4    | Nut-HF, NI               |
| 13   | 107-1865    | 2    | R-Clamp                  |

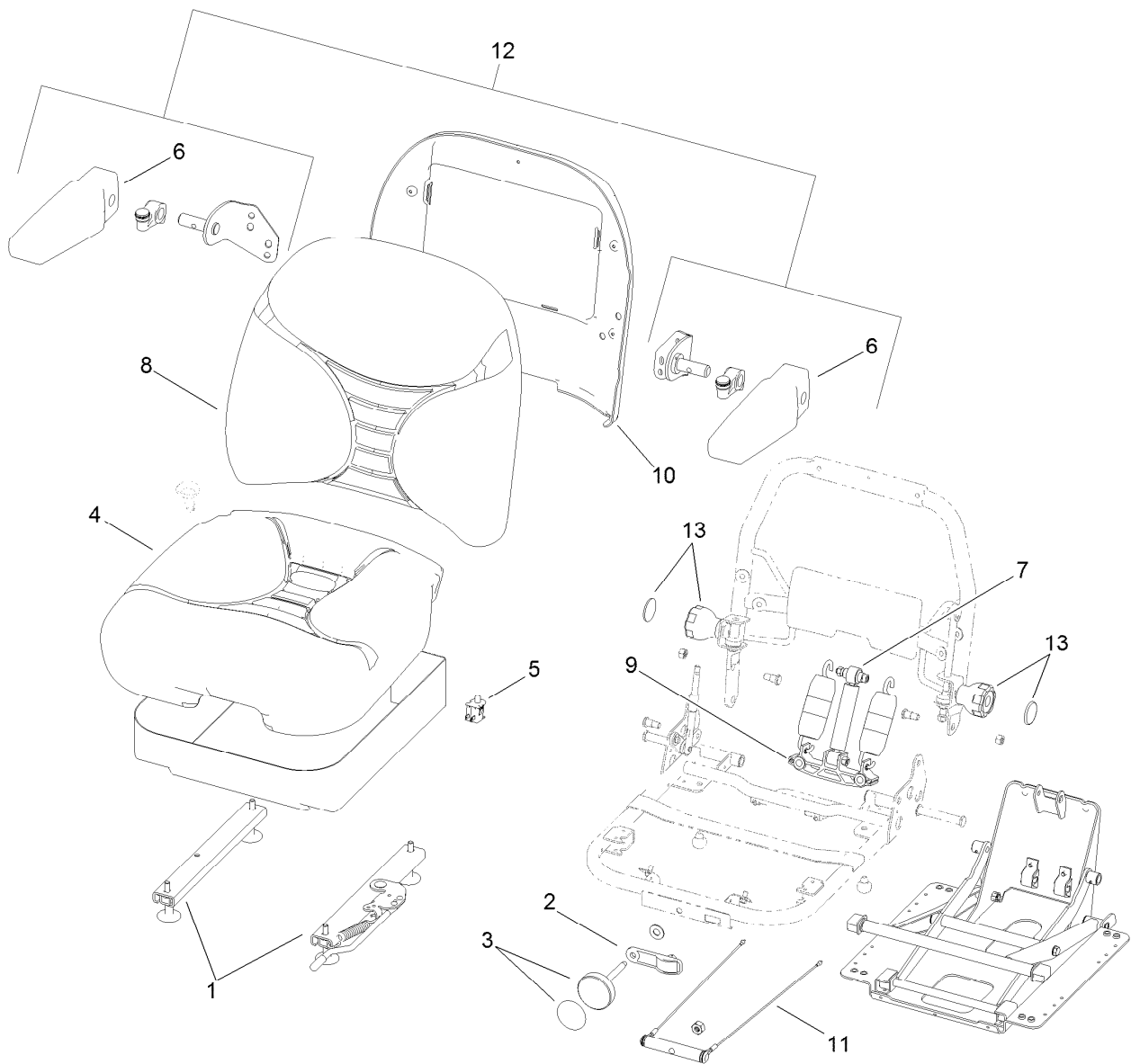
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 14   | 3231-40     | 4    | Bolt-CARR, Short Neck  |
| 15   | 42862       | 1    | Block-Terminal, Ground |
| 16   | 42863       | 1    | Strip-Jumper           |
| 17   | 32105-13    | 2    | Screw-HWH              |
| 18   | 3296-2      | 2    | Nut-Lock, NI           |
| 19   | 104-7048    | 1    | Cap-Housing            |
| 20   | 117-3065-03 | 1    | Plate-Seat             |
| 21   | 104-7050    | 1    | Tube-Manual            |
| 22   | 83-1050     | 4    | Spacer                 |
| 23   | 3256-26     | 2    | Washer-Flat            |
| 24   | 121-9076    | 4    | Mount-Engine           |
| 25   | 104-8300    | 8    | Nut-HF, NI             |
| 26   | 322-3       | 8    | Screw-HH               |
| 27   | 120-0242-01 | 1    | Strap-Prop             |



## Seat Assembly

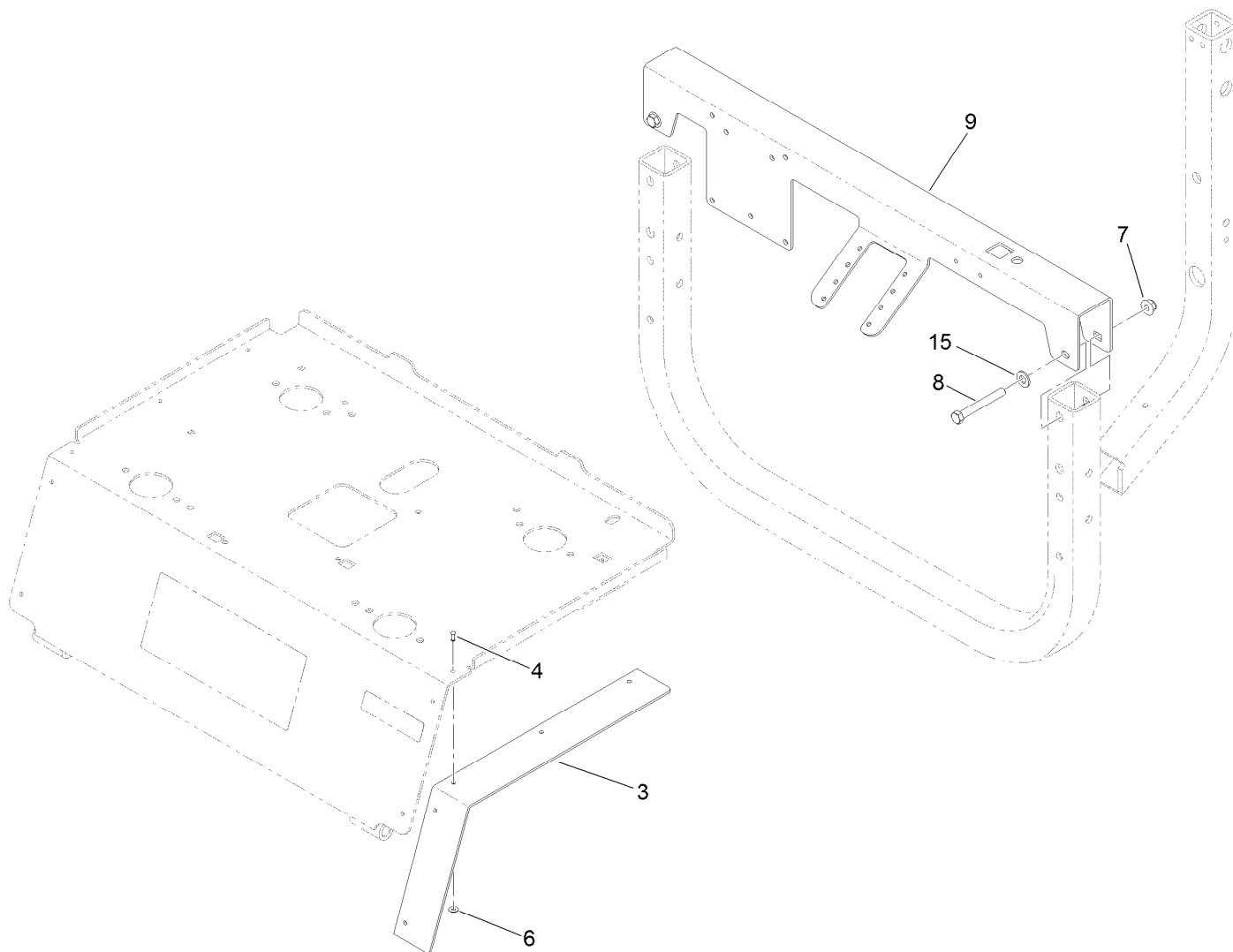
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 107-2286    | 1    | Seat                 |
| 2    | 104-8300    | 4    | Nut-HF, NI           |
| 3    | 99-7667     | 2    | Washer-Flat          |
| 4    | 3256-25     | 2    | Washer-Flat          |
| 5    | 3212-4      | 2    | Screw-HH             |
| 6    | 110-0413    | 1    | Seatbelt-Retractable |
| 7    | 119-5786    | 1    | Harness-Wire         |





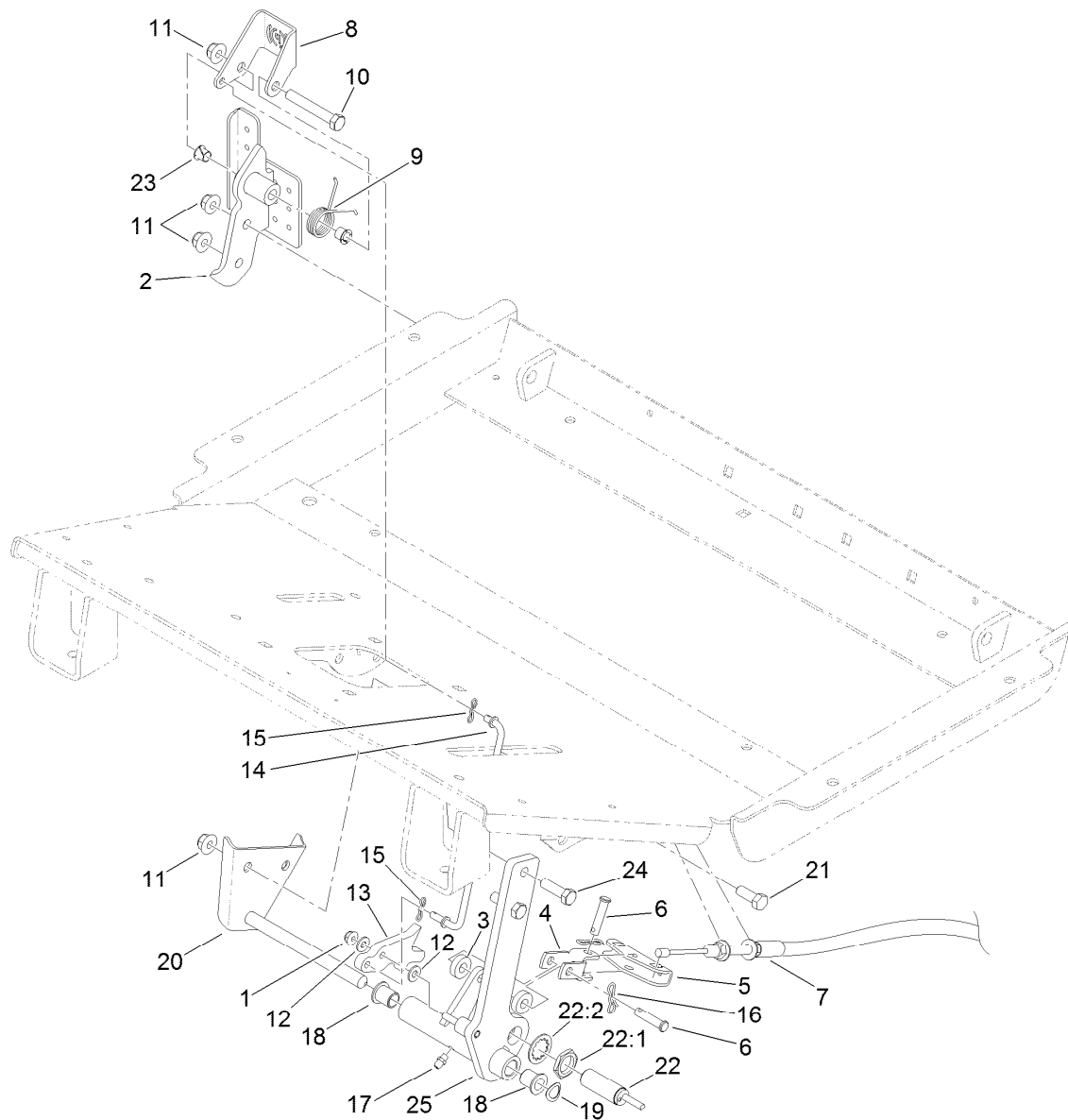
## Seat Assembly No. 107-2286

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 107-1880    | 1    | Seat Track Kit        |
| 2    | 107-1885    | 1    | Weight Indicator Kit  |
| 3    | 121-9431    | 1    | Knob Kit              |
| 4    | 107-1883    | 1    | Bottom Cushion Kit    |
| 5    | 82-2190     | 1    | Switch-Bail           |
| 6    | 107-1887    | 2    | Pad-Armrest           |
| 7    | 107-1884    | 1    | Shock Absorber Kit    |
| 8    | 107-1882    | 1    | Back Cushion Kit      |
| 9    | 109-3343    | 1    | Spring And Saddle Kit |
| 10   | 109-3344    | 1    | Back Panel Kit        |
| 11   | 109-3345    | 1    | Weight Adjust Kit     |
| 12   | 121-9415    | 1    | Armrest Kit           |
| 13   | 121-9432    | 2    | Adjust Knob Kit       |



## Seat Platform Assembly

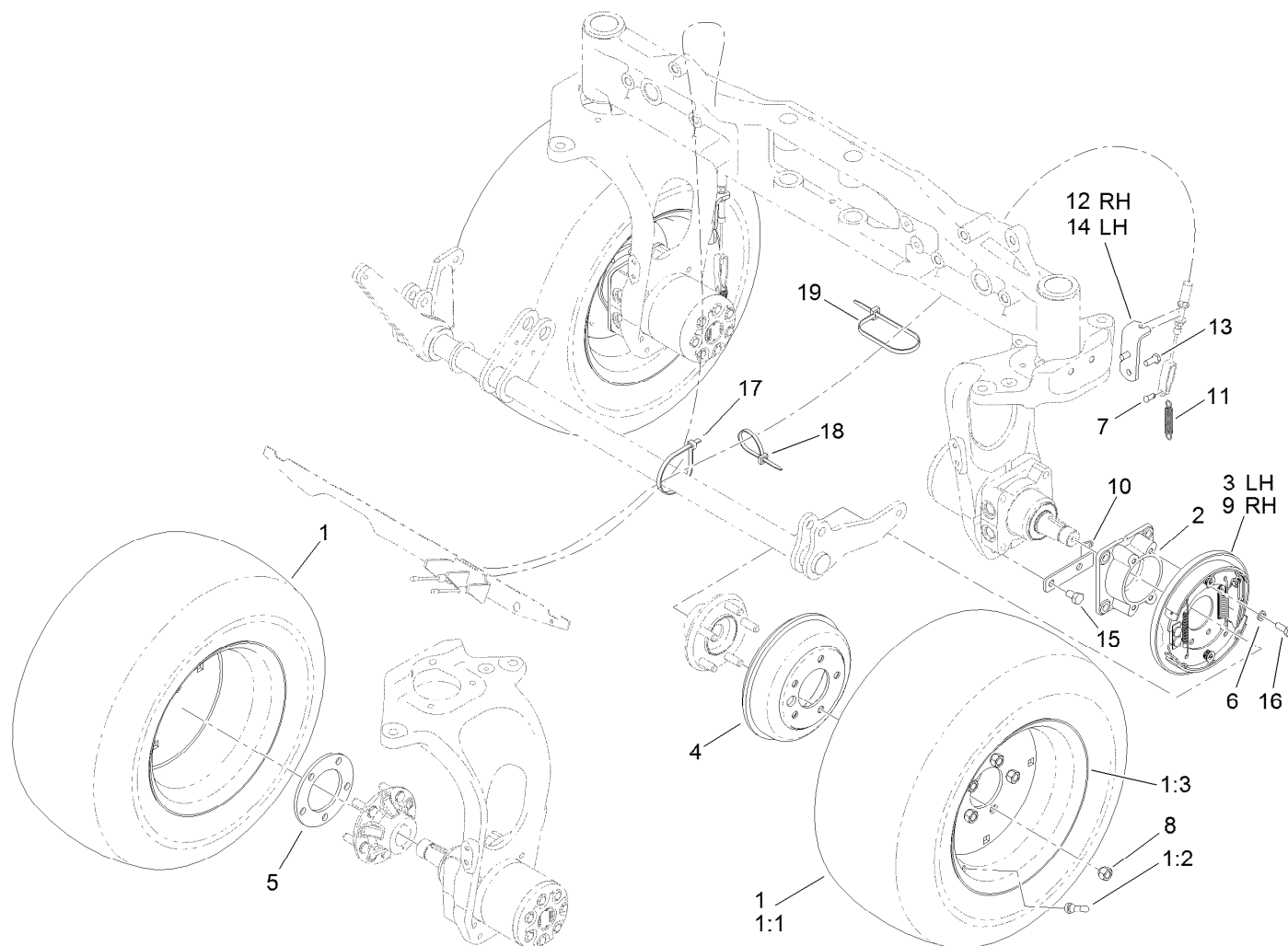
| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 3    | 117-3175    | 2    | Strap-Filler |
| 4    | 3290-282    | 10   | Rivet-Blind  |
| 6    | 3269-26     | 10   | Washer-Plain |
| 7    | 104-8301    | 2    | Nut-HF, NI   |
| 8    | 323-14      | 2    | Screw-HH     |
| 9    | 125-4361-03 | 1    | Channel-Seat |
| 15   | 3256-24     | 2    | Washer-Flat  |



## Brake Pedal Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 104-7201    | 1    | Nut-HF               |
| 2    | 119-1403-03 | 1    | Pedal-Brake          |
| 3    | 26-4840     | 2    | Spacer-Pin, Mounting |
| 4    | 115-8060    | 1    | Clevis-Double        |
| 5    | 115-8059    | 1    | Yoke-Cable           |
| 6    | 283-14      | 2    | Pin-Clevis           |
| 7    | 117-3214    | 2    | Cable-Brake          |
| 8    | 119-1407    | 1    | Pedal-Park           |
| 9    | 99-7140     | 1    | Spring-Torsion       |
| 10   | 323-12      | 1    | Screw-HH             |
| 11   | 104-8301    | 5    | Nut-HF, NI           |
| 12   | 3256-22     | 2    | Washer-Flat          |
| 13   | 119-1406    | 1    | Detent-Brake         |
| 14   | 119-1405    | 1    | Rod-Brake Pawl       |

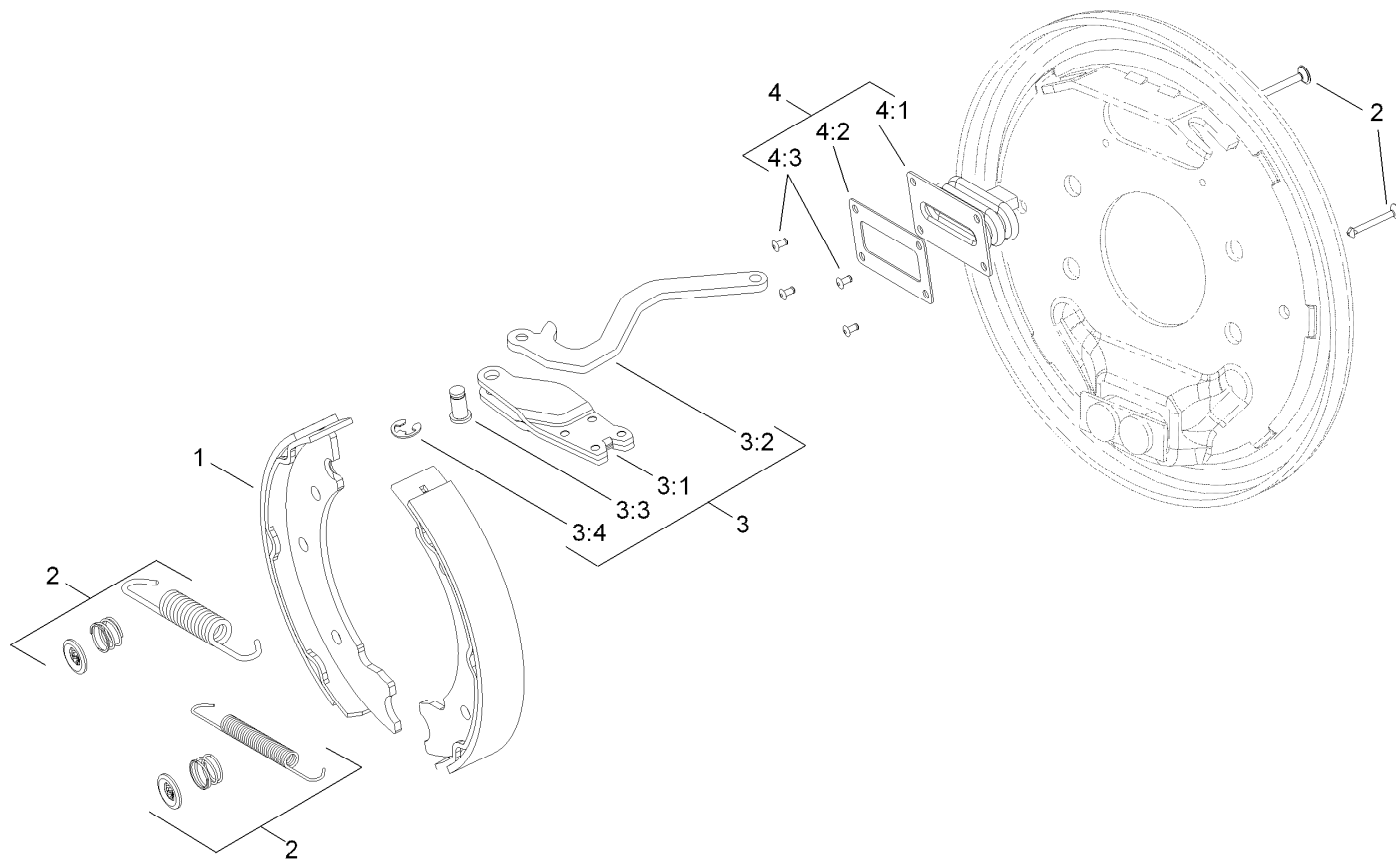
| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 15   | 119-1414    | 2    | Pin-Cotter, Locking         |
| 16   | 119-1415    | 2    | Pin-Cotter, Locking         |
| 17   | 302-5       | 1    | Fitting-Grease              |
| 18   | 125-8775    | 2    | Bushing-Flange              |
| 19   | 3290-221    | 1    | Washer-Spring               |
| 20   | 119-1388    | 1    | Pin-Brake                   |
| 21   | 323-6       | 2    | Screw-HH                    |
| 22   | 115-5300    | 1    | Proximity Switch ASM        |
| 22:1 | 117-3207    | 2    | Nut-Hex                     |
| 22:2 | 117-3208    | 2    | Washer-Lock, Internal Tooth |
| 23   | 52-2891     | 2    | Bushing-Flanged, Nylon      |
| 24   | 323-7       | 2    | Screw-HH                    |
| 25   | 119-1400-03 | 1    | Lever-Brake                 |



## Wheel and Brake Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 117-2900    | 4    | Tire And Wheel ASM |
| 1:1  | 117-2901    | 1    | Tire               |
| 1:2  | 232-27      | 1    | Stem-Valve         |
| 1:3  | 117-2902    | 1    | Rim                |
| 2    | 120-0248-03 | 2    | Adapter-Brake      |
| 3    | 120-0235    | 1    | LH Brake ASM       |
| 4    | 114-8864    | 2    | Drum-Brake         |
| 5    | 115-0199-03 | 2    | Spacer-Wheel       |
| 6    | 3253-21     | 8    | Washer-Lock        |
| 7    | 283-62      | 2    | Pin-Clevis         |
| 8    | 242-50      | 10   | Nut-Lug            |

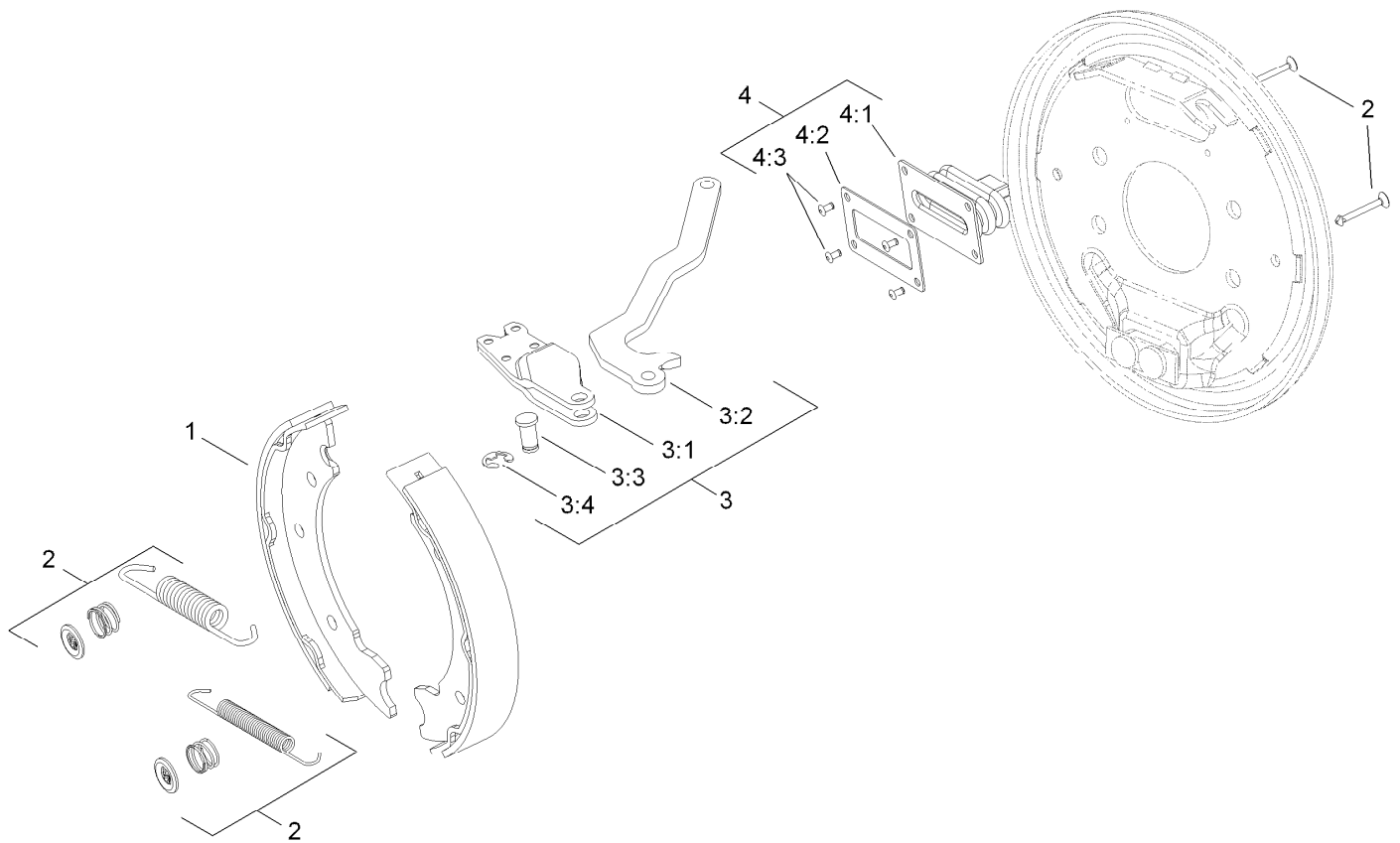
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 9    | 120-0233    | 1    | RH Brake ASM            |
| 10   | 115-0132    | 2    | Bracket-Spring, Return  |
| 11   | 87-4020     | 2    | Spring-Extension        |
| 12   | 119-1352-03 | 1    | Bracket-Brake Cable, RH |
| 13   | 325-2       | 4    | Screw-HH                |
| 14   | 119-1449-03 | 1    | Bracket-Brake Cable, LH |
| 15   | 323-5       | 4    | Screw-HH                |
| 16   | 323-6       | 8    | Screw-HH                |
| 17   | 3334-945    | 1    | Tie-Cable               |
| 18   | 3290-378    | 1    | Tie-Cable               |
| 19   | 250-5       | 1    | Tie-Cable               |



## Left Hand Brake Assembly No. 120-0235

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 108-6981    | 1    | Brake Shoe Kit     |
| 2    | 108-6983    | 1    | Brake Hardware Kit |
| 3    | 120-0236    | 1    | LH Actuator Kit    |
| 3:1  |             | 1    | Housing ●          |
| 3:2  |             | 1    | Lever-LH ●         |
| 3:3  |             | 1    | Pin-Pivot ●        |
| 3:4  |             | 1    | E-Ring ●           |
| 4    | 110-8885    | 1    | Dust Boot Kit      |
| 4:1  |             | 1    | Boot ●             |
| 4:2  |             | 1    | Plate-Back Up ●    |
| 4:3  |             | 2    | Rivet ●            |

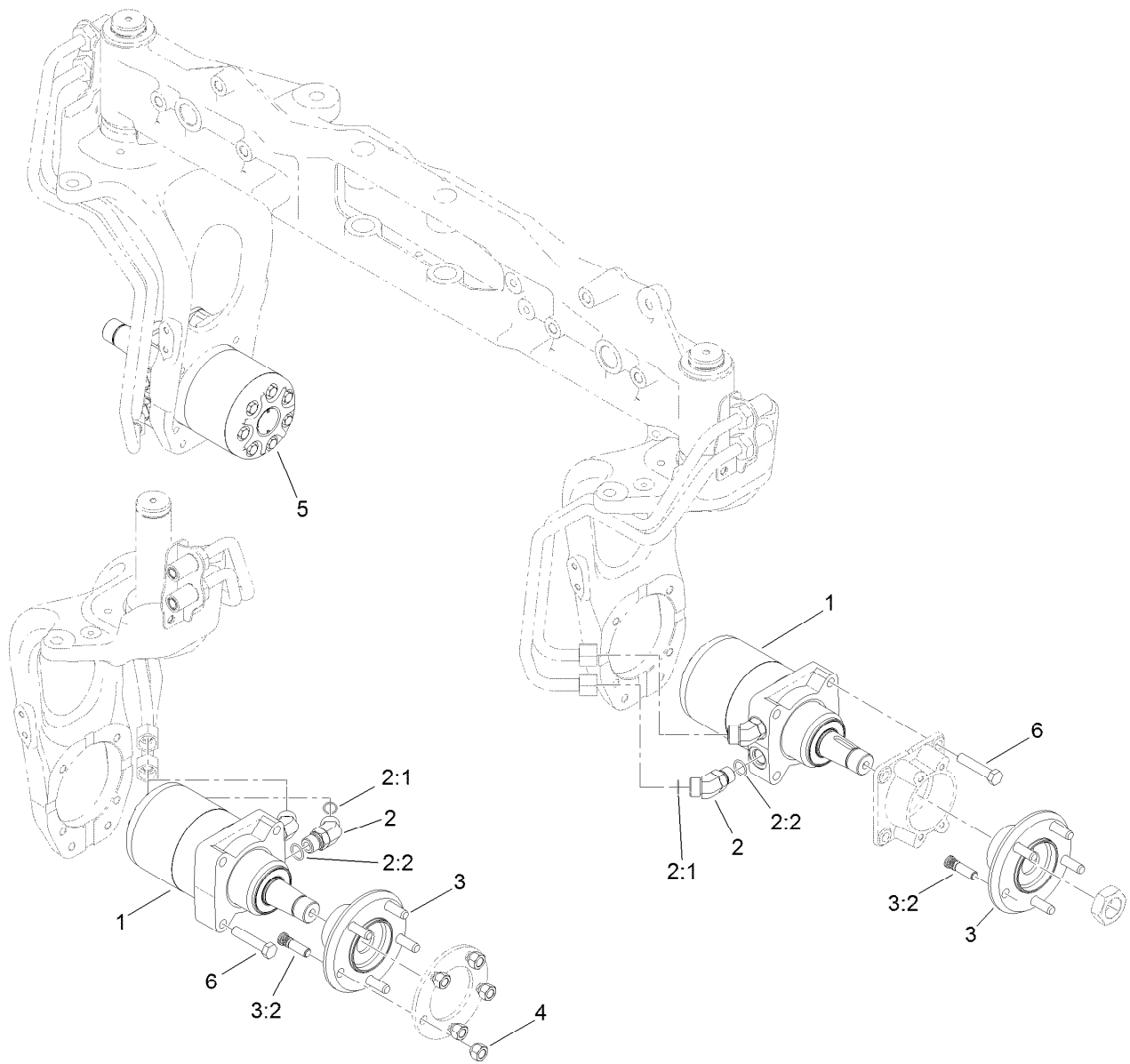
● Not serviced separately



## Right Hand Brake Assembly No. 120-0233

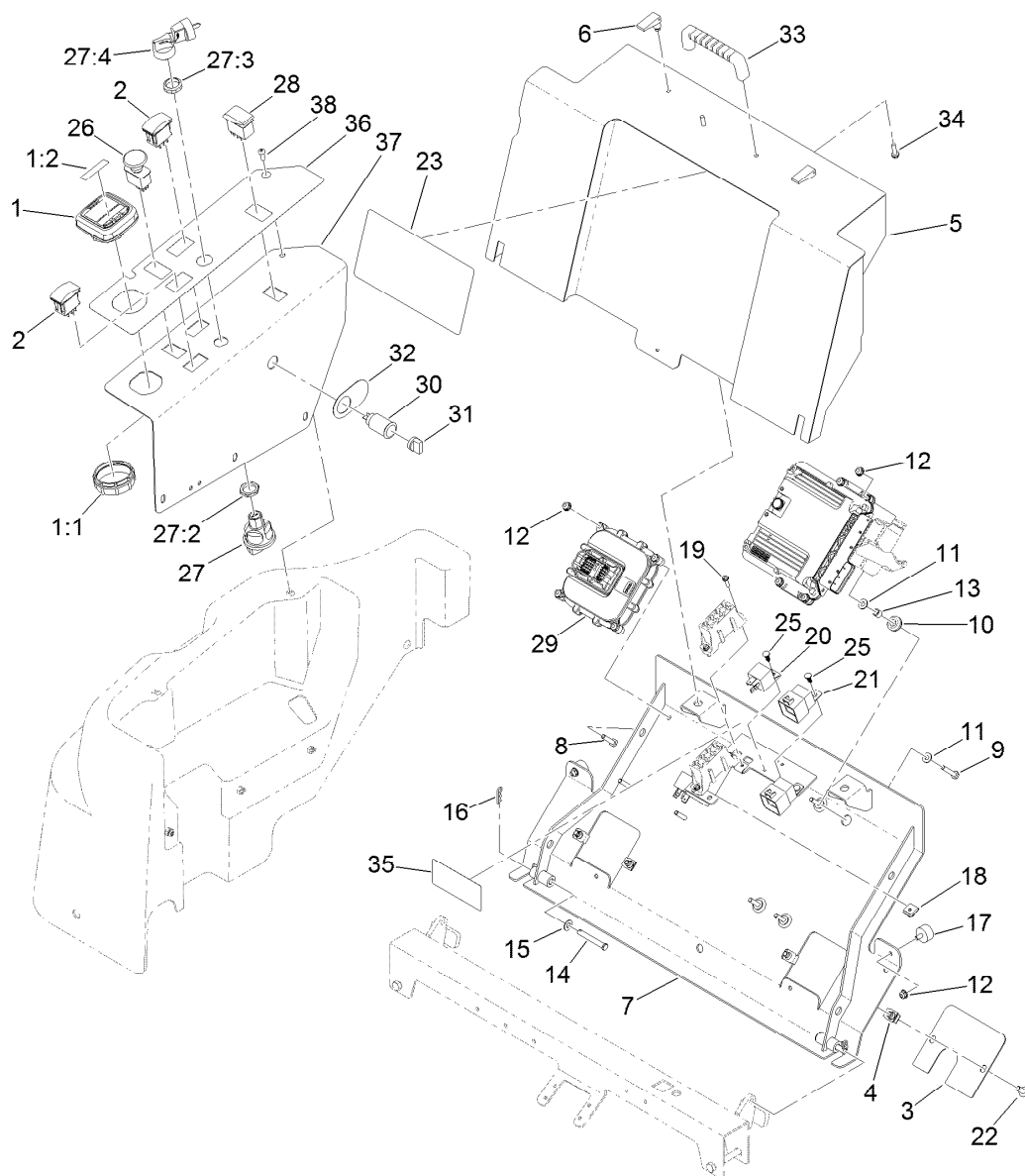
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 108-6981    | 1    | Brake Shoe Kit     |
| 2    | 108-6983    | 1    | Brake Hardware Kit |
| 3    | 120-0234    | 1    | RH Actuator Kit    |
| 3:1  |             | 1    | Housing ●          |
| 3:2  |             | 1    | Lever-RH ●         |
| 3:3  |             | 1    | Pin-Pivot ●        |
| 3:4  |             | 1    | E-Ring ●           |
| 4    | 110-8885    | 1    | Dust Boot Kit      |
| 4:1  |             | 1    | Boot ●             |
| 4:2  |             | 1    | Plate-Back Up ●    |
| 4:3  |             | 2    | Rivet ●            |

● Not serviced separately



## 4 Wheel Drive Hydraulic Motor and Fitting Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 120-6718    | 2    | HYD Motor ASM (335 CCW) |
| 2    | 340-14      | 8    | Fitting-HYD, 45 DEG     |
| 2:1  | 237-65      | 1    | O-Ring                  |
| 2:2  | 237-80      | 1    | O-Ring                  |
| 3    | 121-5492    | 4    | Wheel Hub ASM           |
| 3:2  | 114-3918    | 5    | Stud-Wheel              |
| 4    | 242-50      | 10   | Nut-Lug                 |
| 5    | 120-6719    | 2    | HYD Motor ASM (335 CW)  |
| 6    | 325-34      | 16   | Screw-HH                |

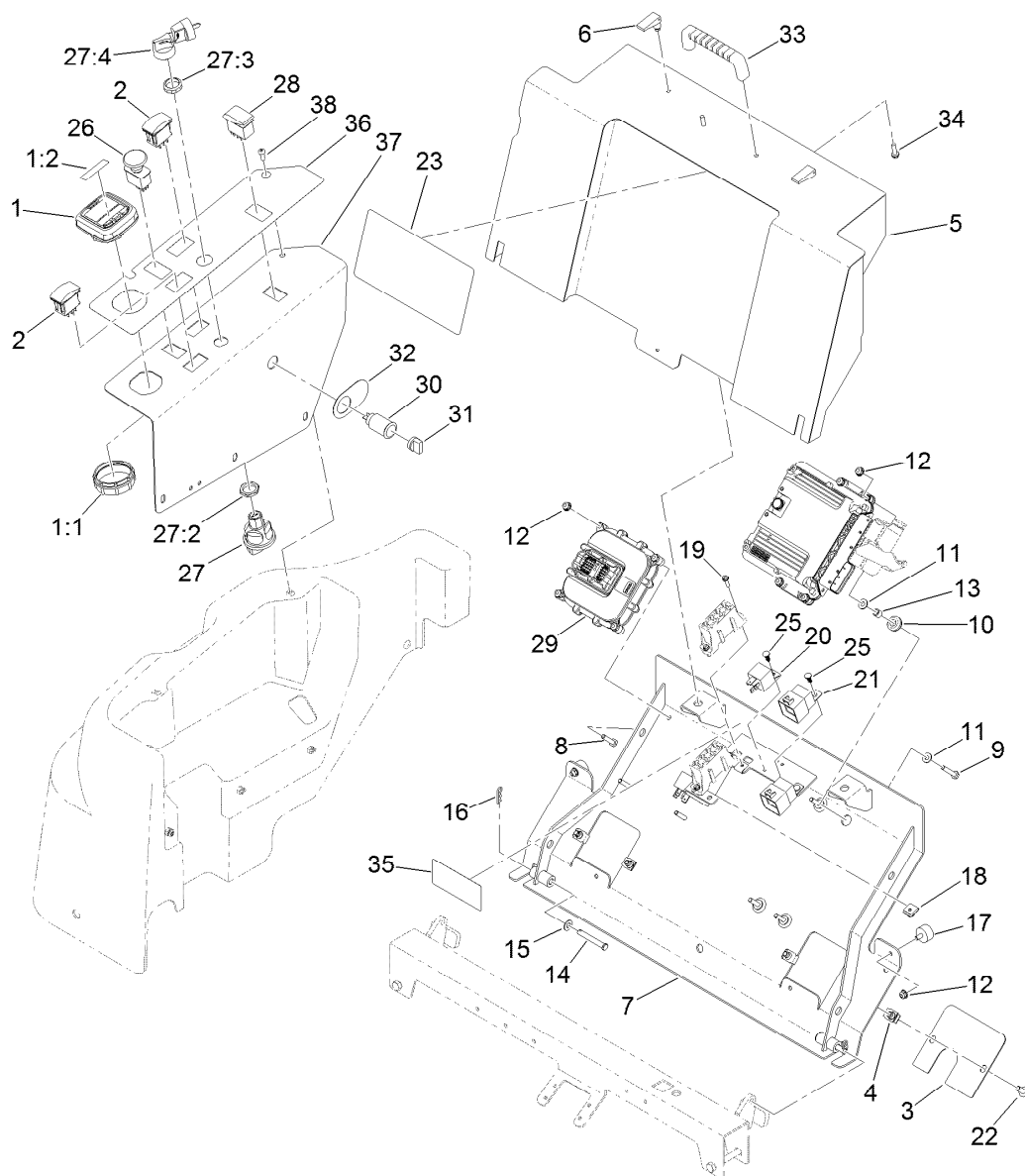


## 4 Wheel Drive Module Control and Relay Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 120-6310    | 1    | LCD Display ASM    |
| 1:1  | 120-4630    | 1    | Nut-Display        |
| 1:2  | 120-6311    | 1    | Decal-Display      |
| 2    | 100-1535    | 2    | Switch             |
| 3    | 131-3365-03 | 2    | Plate-Cover, Ec    |
| 4    | 94-2413     | 4    | Nut-U              |
| 5    | 127-4867-03 | 1    | Cover-Power Center |
| 6    | 74-5950     | 2    | Latch-Swell        |
| 7    | 125-4360-03 | 1    | Power Center ASM   |
| 8    | 321-8       | 4    | Screw-HH           |
| 9    | 321-9       | 4    | Screw-HH           |
| 10   | 1-633630    | 4    | Grommet            |
| 11   | 3256-22     | 8    | Washer-Flat        |
| 12   | 104-7201    | 10   | Nut-HF             |
| 13   | 1-633545    | 4    | Spacer             |
| 14   | 110-0618    | 2    | Pin-Clevis         |
| 15   | 3256-23     | 2    | Washer-Plain       |
| 16   | 3290-307    | 2    | Pin-Cotter         |
| 17   | 240-14      | 2    | Bumper-Rubber      |
| 18   | 125-4384    | 4    | Nut-Speed, U-Type  |
| 19   | 32105-13    | 4    | Screw-HWH          |

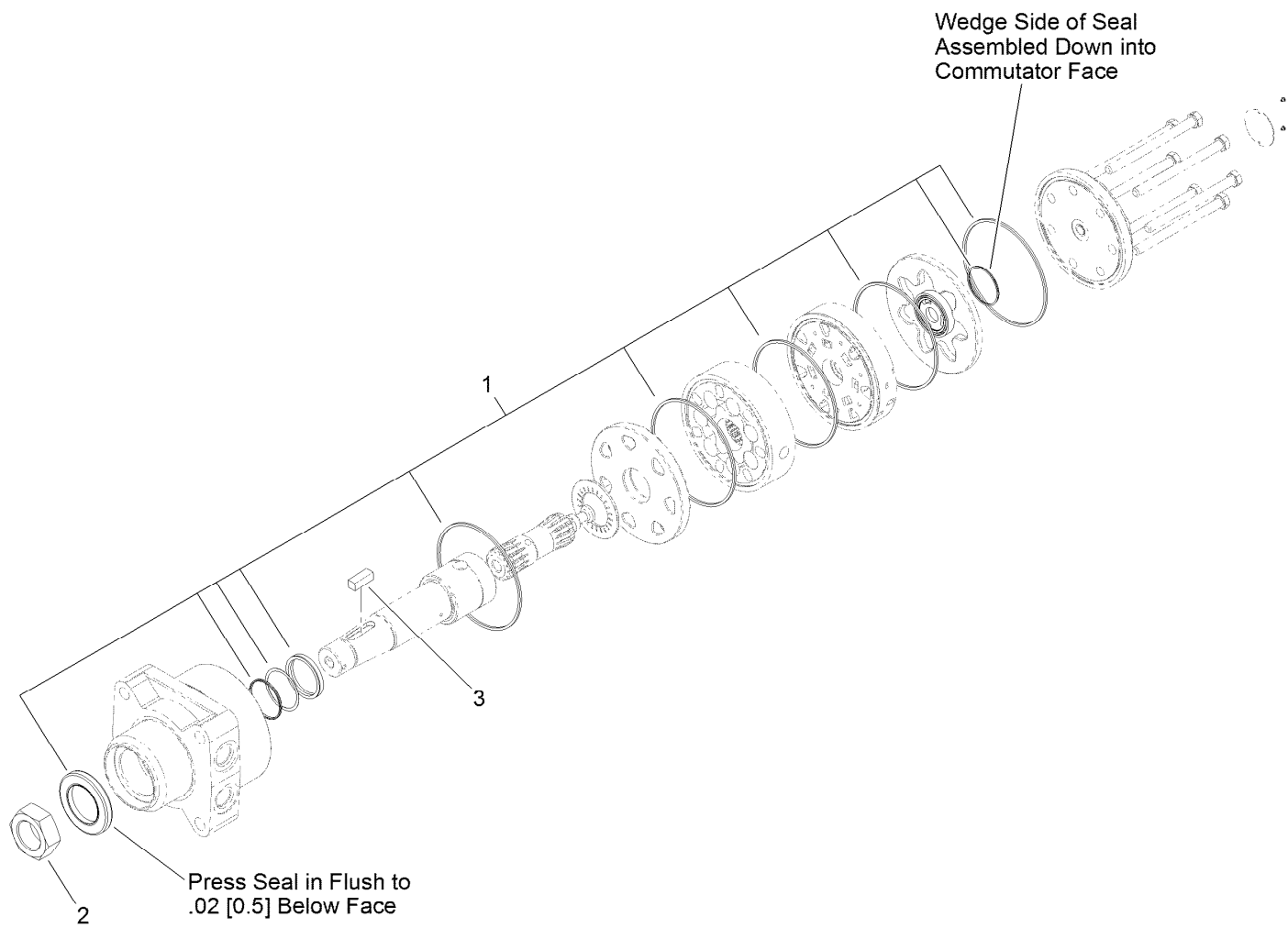
| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 20   | 99-7435     | 2    | Relay                       |
| 21   | 99-7430     | 2    | Relay-Mini                  |
| 22   | 3234-47     | 4    | Screw-HHF                   |
| 23   | 131-1946    | 1    | Decal-Instructions, Service |
| 25   | 120-6737    | 4    | Plug-Plastic                |
| 26   | 95-4108     | 1    | Switch-PTO, On-On-None      |
| 27   | 121-5159    | 1    | Ignition Switch ASM         |
| 27:2 | 121-5160    | 1    | Nut-Hex                     |
| 27:3 | 121-5161    | 1    | Nut-Face                    |
| 27:4 | 121-5162    | 1    | Set-Key, Ignition           |
| 28   | 100-8490    | 1    | Switch-Rocker, On-None-On   |
| 29   | 115-1900    | 1    | Controller                  |
| 30   | 99-7411     | 1    | Point-Power                 |
| 31   | 99-7416     | 1    | Cap                         |
| 32   | 106-2353    | 1    | Decal-Powerpoint            |
| 33   | 65-5100     | 1    | Handle-Door                 |
| 34   | 46-8091     | 2    | Screw-HWH                   |
| 35   | 117-3233    | 1    | Decal-Fuseblock             |
| 36   | 125-4399    | 1    | Decal-Control Panel, T4     |





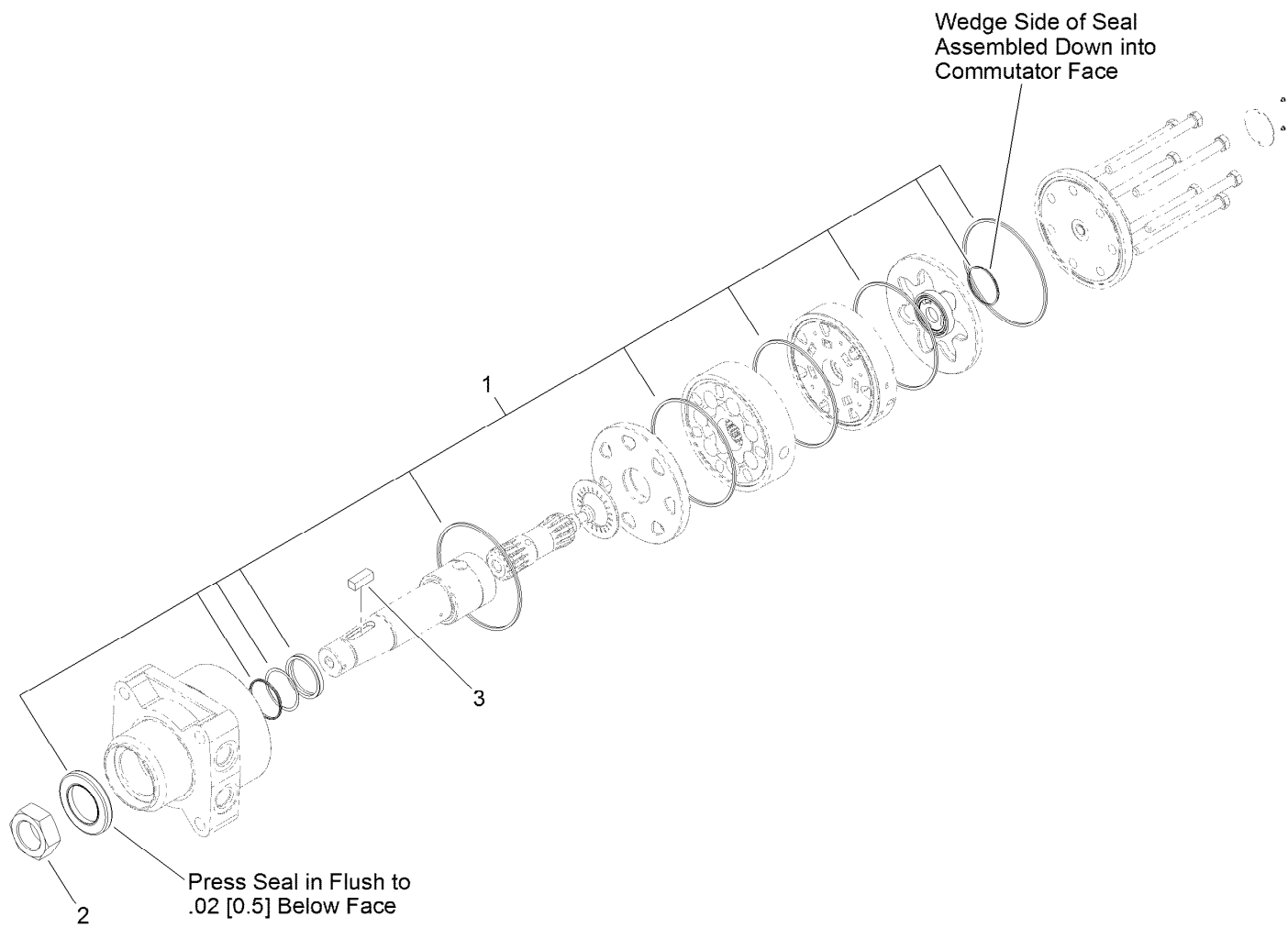
## 4 Wheel Drive Module Control and Relay Assembly (continued)

| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 37   | 125-2850-03 | 1    | Panel-Control |
| 38   | 3274-31     | 5    | Screw-HSBH    |



## Hydraulic Motor Assembly No. 120-6719 (CW)

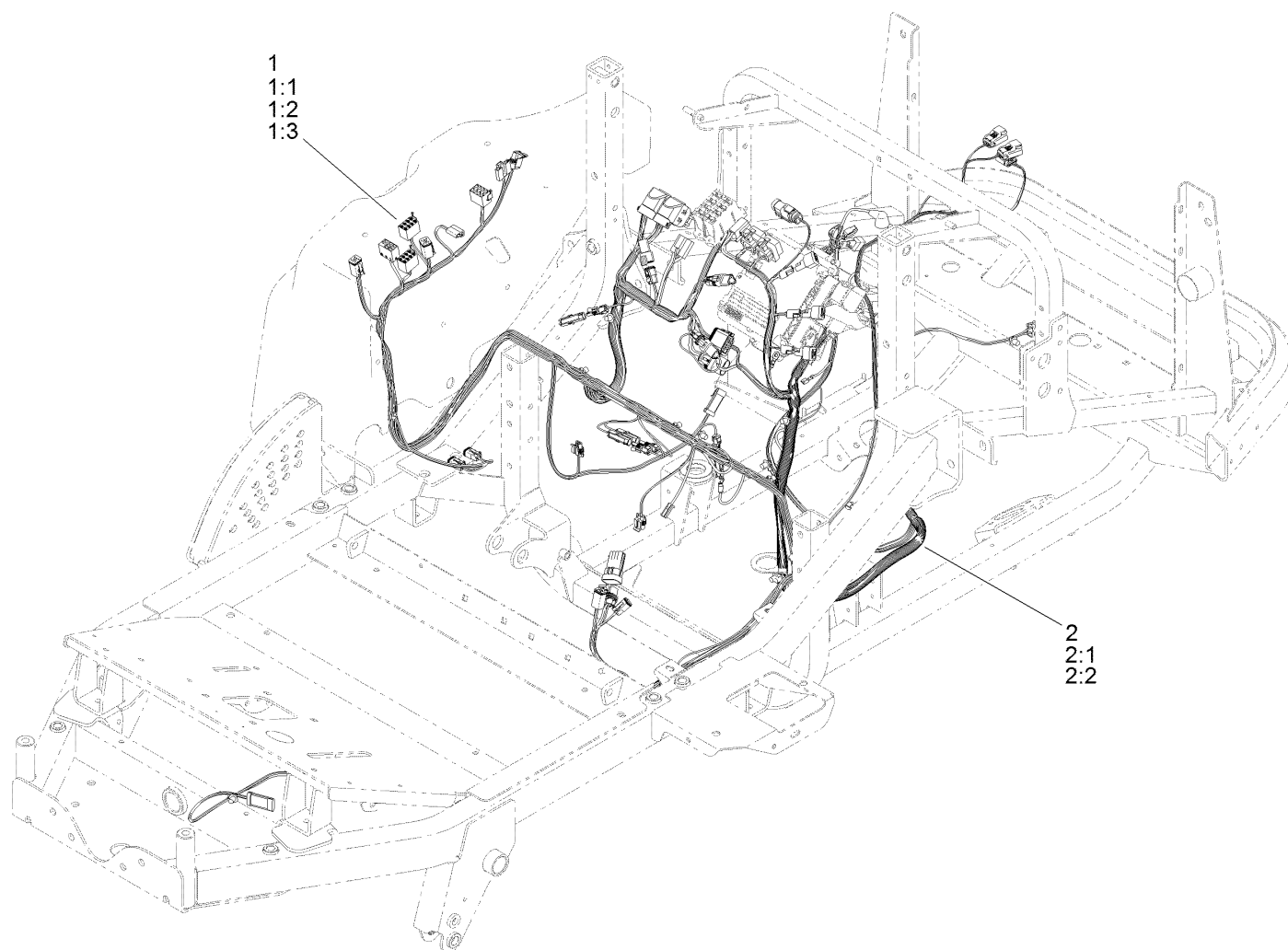
| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 1    | 121-5397    | 1    | Seal Kit    |
| 2    | 117-3290    | 1    | Nut-Hex     |
| 3    | 117-5198    | 1    | Key-Square  |



## Hydraulic Motor Assembly No. 120-6718 (CCW)

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 1    | 121-5397    | 1    | Seal Kit    |
| 2    | 117-3290    | 1    | Nut-Hex     |
| 3    | 117-5198    | 1    | Key-Square  |

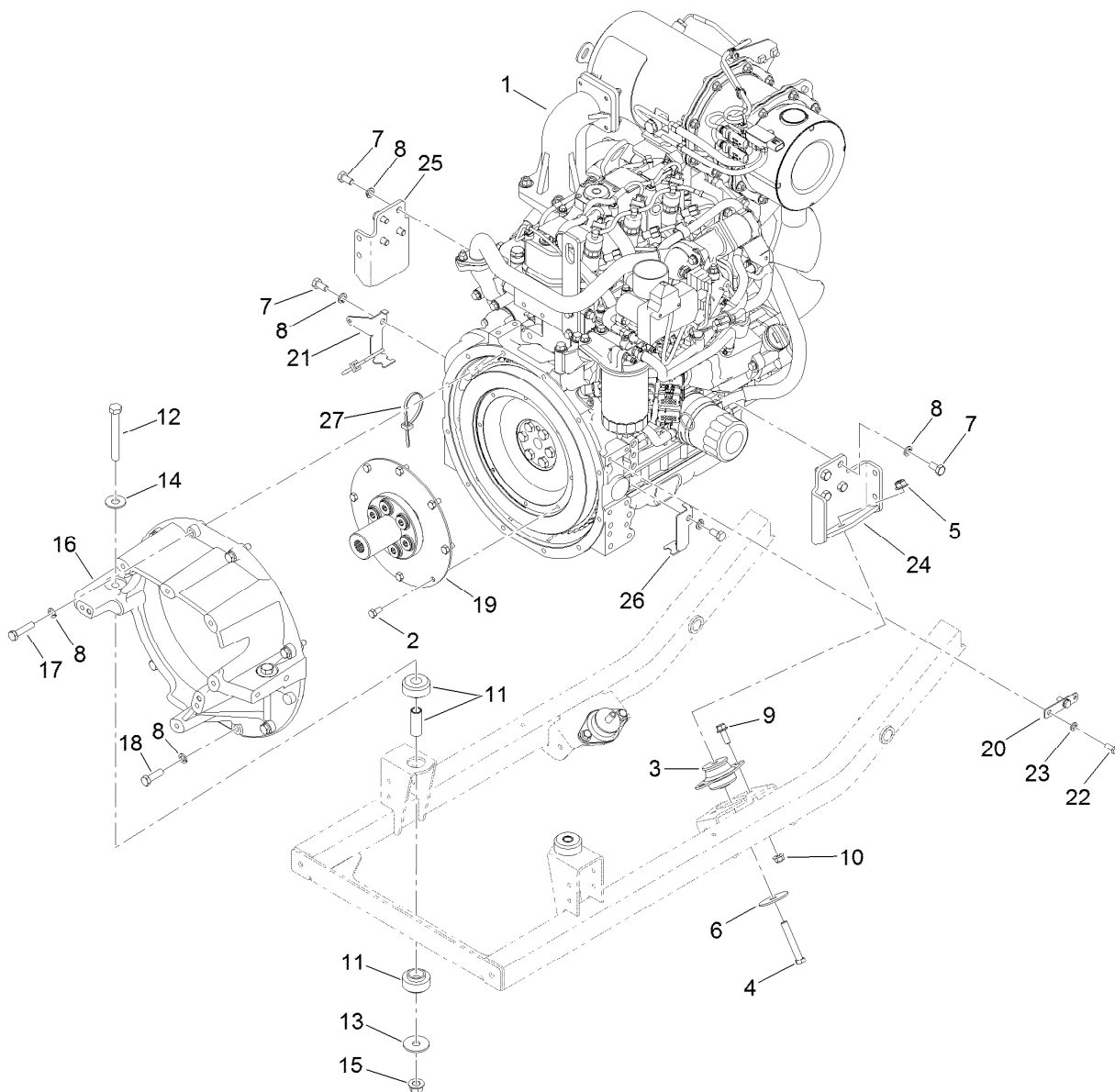
# Electrical Assembly



## Electrical Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|---------------------|
| 1           | 119-4373           | 1           | Harness-Platform    |
| 1:1         | 218-578            | 4           | Fuse-Blade, 10 Amp  |
| 1:2         | 109355             | 1           | Fuse-Blade, 15 Amp  |
| 1:3         | 114241             | 3           | Fuse-Blade, 7.5 Amp |

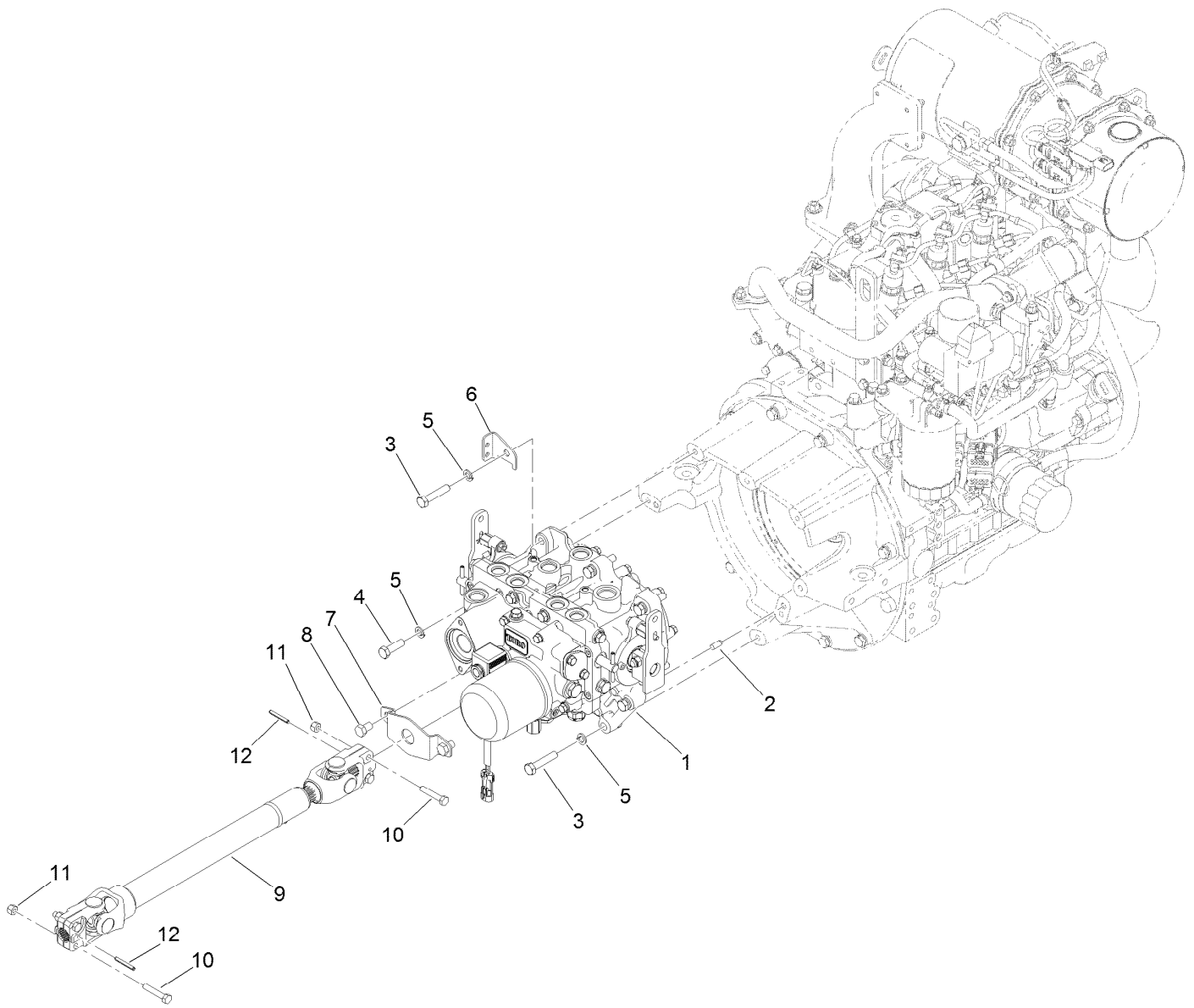
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 2           | 119-4375           | 1           | Harness-Engine     |
| 2:1         | 109102             | 1           | Fuse-Blade, 25 Amp |
| 2:2         | 94-6710            | 1           | Fuse-2 Amp         |



## Engine Assembly

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 121-5399    | 1    | Engine-Yanmar   |
| 2    | 99-5132     | 8    | Bolt            |
| 3    | 130-2486    | 2    | Mount           |
| 4    | 324-11      | 2    | Screw-HH        |
| 5    | 114-8417    | 2    | Nut-HF, NI      |
| 6    | 87-5100     | 2    | Washer-Snubbing |
| 7    | 33115-020   | 10   | Screw-HH        |
| 8    | 48-9590     | 19   | Washer-Lock     |
| 9    | 3234-42     | 4    | Screw-HHF       |
| 10   | 104-8301    | 4    | Nut-HF, NI      |
| 11   | 120-9168    | 2    | Mount-Rubber    |
| 12   | 325-17      | 2    | Screw-HH        |
| 13   | 86-1990     | 2    | Washer-Thrust   |
| 14   | 3256-6      | 2    | Washer-Flat     |

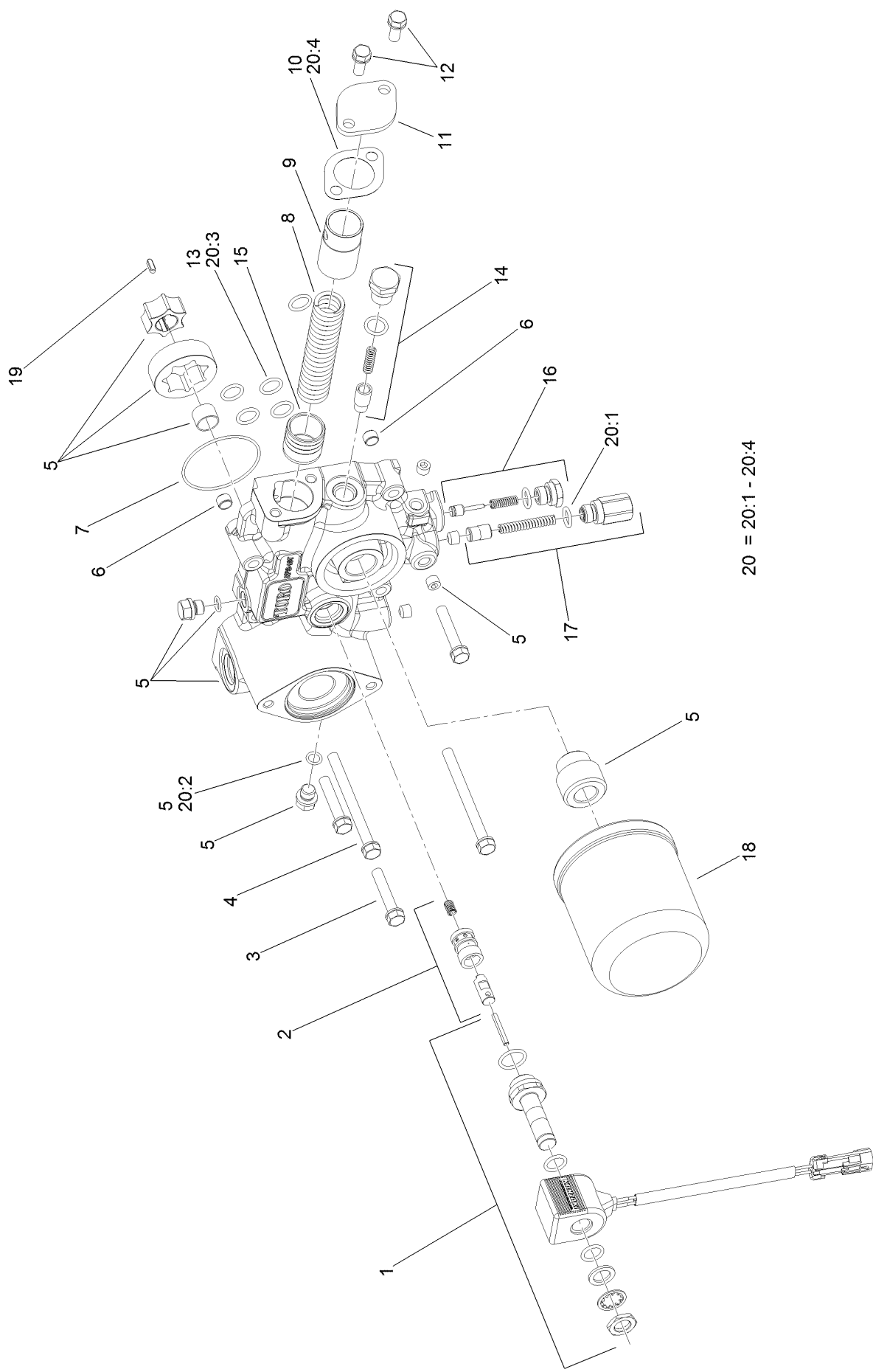
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 15   | 99-5107     | 2    | Nut-Lock            |
| 16   | 125-2836    | 1    | Housing-Flywheel    |
| 17   | 33115-045   | 7    | Screw-HH            |
| 18   | 33115-035   | 2    | Screw-HH            |
| 19   | 120-9131    | 1    | Coupling-Flywheel   |
| 20   | 121-5636    | 1    | Tab-Harness         |
| 21   | 127-2774    | 1    | Bracket-Harness, RH |
| 22   | 33114-020   | 2    | Screw-HH            |
| 23   | 3253-4      | 2    | Washer-Lock         |
| 24   | 125-2841-03 | 1    | Mount-LH            |
| 25   | 125-4363-03 | 1    | Mount               |
| 26   | 127-2773    | 1    | Bracket-Harness, LH |
| 27   | 3290-378    | 4    | Tie-Cable           |



## Transmission Component Assembly

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 125-9290    | 1    | Transmisson ASM |
| 2    | 87-1910     | 2    | Pin-Dowel       |
| 3    | 33115-050   | 6    | Screw-HH        |
| 4    | 33115-035   | 1    | Screw-HH        |
| 5    | 48-9590     | 7    | Washer-Lock     |
| 6    | 120-0239    | 1    | Support-Tube    |
| 7    | 114-4088    | 1    | Shield-Seal     |
| 8    | 33115-016   | 2    | Screw-HH        |
| 9    | 110-3575    | 1    | Driveshaft ASM  |
| 10   | 322-9       | 4    | Screw-HH        |
| 11   | 3296-29     | 4    | Nut-Lock, NI    |
| 12   | 32121-34    | 2    | Pin-Roll        |

# **Charge Pump Housing Assembly** **Transmission Assembly No. 125-9290**



20 = 20:1 - 20:4



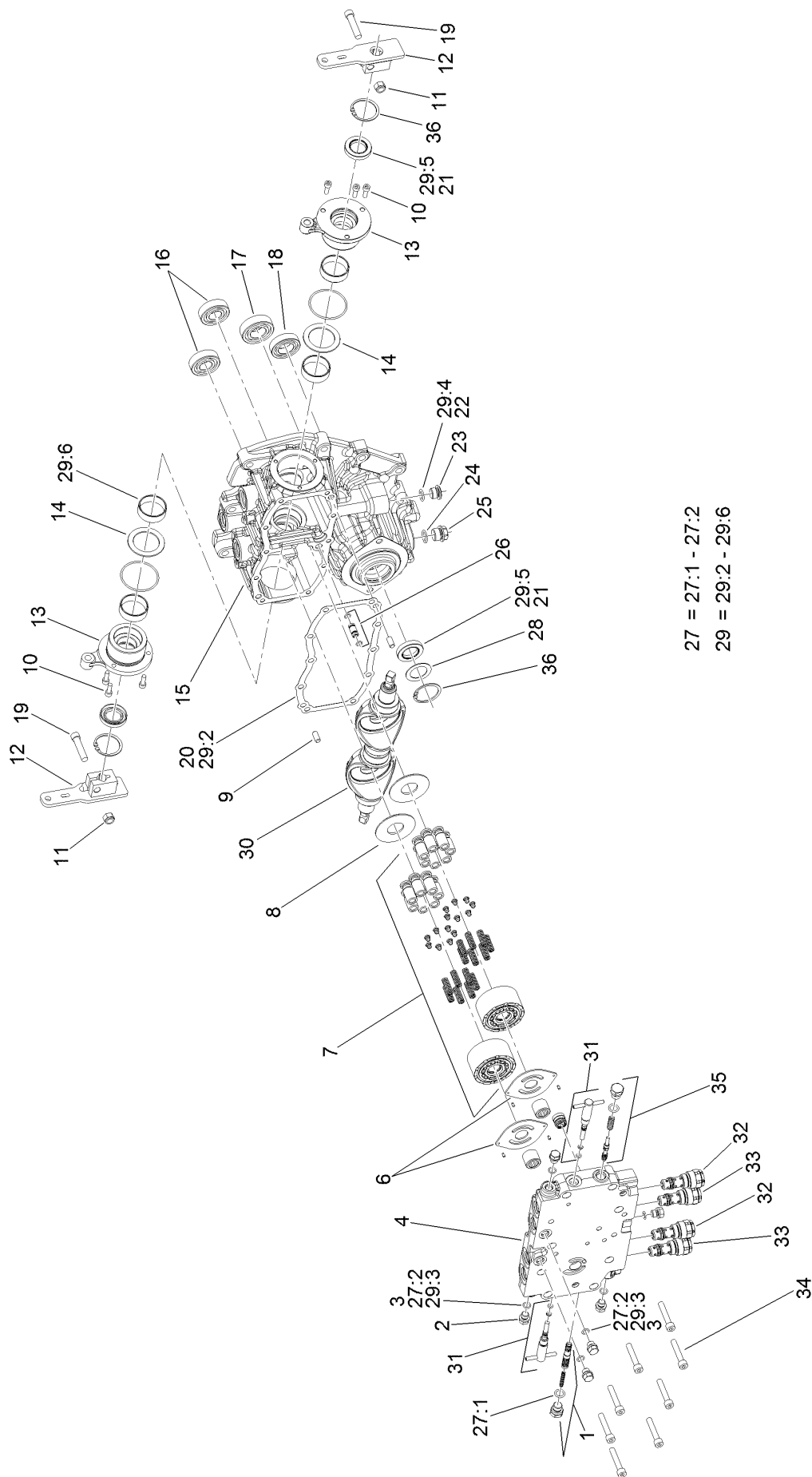
# Charge Pump Housing Assembly

## Transmission Assembly No. 125-9290 (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        | 13          | 104-3298           | 1           | Packing                 |
| 2           | 107-0850           | 1           | Solenoid Valve ASM  | 14          | 107-0843           | 1           | Filter Bypass Valve ASM |
| 3           | 107-0863           | 3           | Bolt                | 15          | 107-0818           | 1           | Piston                  |
| 4           | 107-0864           | 2           | Bolt                | 16          | 120-5153           | 1           | Charge Relief Valve ASM |
| 5           | 107-0840           | 1           | Pump Body ASM       | 17          | 107-0841           | 1           | Pressure Valve ASM      |
| 6           | 107-0848           | 2           | Pin                 | 18          | 108-5194           | 1           | Filter-Oil, HYD         |
| 7           | 107-0856           | 1           | O-Ring              | 19          | 107-0865           | 1           | Key                     |
| 8           | 107-0845           | 1           | Spring              | 20          | 107-0855           | 1           | Charge Pump Seal Kit    |
| 9           | 107-0844           | 1           | Collar              | 20:1        | 93-0418            | 2           | O-Ring                  |
| 10          | 107-0847           | 1           | Gasket              | 20:2        | 107-0817           | 2           | O Ring-Plug             |
| 11          | 107-0846           | 1           | Cover               | 20:3        | 104-3298           | 6           | Packing                 |
| 12          | 93-0457            | 2           | Bolt And Washer ASM | 20:4        | 107-0847           | 1           | Gasket                  |

# Center Section Assembly

## Transmission Assembly No. 125-9290



# Center Section Assembly

## Transmission Assembly No. 125-9290 (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  | 23          | 107-0861           | 1           | Plug-NPTF             |
| 2           | 107-0857           | 6           | Plug                | 24          | 237-79             | 1           | O-Ring                |
| 3           | 107-0817           | 6           | O Ring-Plug         | 25          | 107-0867           | 1           | Plug                  |
| 4           | 120-5150           | 1           | Center Case ASM     | 26          | 107-0812           | 1           | Pipe                  |
| 6           | 107-0805           | 2           | Plate-Valve         | 27          | 107-0852           | 1           | Center Case Seal Kit  |
| 7           | 107-0824           | 2           | Cylinder Block ASM  | 27:1        | 93-0418            | 2           | O-Ring                |
| 8           | 107-0830           | 2           | Plate-Thrust        | 27:2        | 107-0817           | 6           | O Ring-Plug           |
| 9           | 92-0765            | 4           | Pin-Parallel        | 28          | 107-0813           | 1           | Spacer                |
| 10          | 107-0859           | 6           | Bolt                | 29          | 107-0853           | 1           | Pump Housing Seal Kit |
| 11          | 120-6681           | 2           | U-Nut               | 29:2        | 107-0810           | 1           | Gasket-Case, Center   |
| 12          | 131-5505           | 2           | Arm-Control         | 29:3        | 107-0817           | 2           | O Ring-Plug           |
| 13          | 107-0832           | 2           | Side Cover ASM      | 29:4        | 104-3298           | 1           | Packing               |
| 14          | 107-0829           | 2           | Washer              | 29:5        | 107-0814           | 3           | Seal                  |
| 15          | 120-5151           | 1           | Pump Housing ASM    | 29:6        | 107-0825           | 4           | Ring-Seal             |
| 16          | 107-0826           | 2           | Bearing             | 30          | 120-6679           | 2           | Plate-Swash           |
| 17          | 107-0821           | 1           | Bearing             | 31          | 107-0808           | 2           | Valve-Bypass          |
| 18          | 107-0838           | 1           | Bearing             | 32          | 107-0804           | 2           | Valve-Rear            |
| 19          | 120-6682           | 2           | Bolt                | 33          | 107-0803           | 2           | Valve-Front           |
| 20          | 107-0810           | 2           | Gasket-Case, Center | 34          | 107-0863           | 8           | Bolt                  |
| 21          | 107-0814           | 1           | Seal                | 35          | 107-0806           | 1           | Valve-Flushing, LH    |
| 22          | 104-3298           | 1           | Packing             | 36          | 92-0757            | 2           | Ring-Snap             |

This technical drawing shows an exploded perspective view of a multi-stage pump assembly. The components are numbered as follows:

- 1**: Main housing or frame.
- 2**: Seal or gasket between housing sections.
- 3**: Housing section.
- 4**: Pin or fastener.
- 5**: Impeller or rotor assembly.
- 6**: Shaft or drive pin.
- 7**: Seal or gasket.
- 8**: Impeller or rotor assembly.
- 9**: Pin or fastener.
- 10**: Housing section.
- 11**: Housing section.
- 12**: Pin or fastener.
- 13**: Seal or gasket.
- 14**: Pin or fastener.
- 15**: Pin or fastener.
- 16**: Pin or fastener.
- 17**: Pin or fastener.
- 18**: Pin or fastener.
- 19**: Pin or fastener.
- 20**: Pin or fastener.
- 21**: Pin or fastener.
- 22**: Pin or fastener.
- 23**: Pin or fastener.
- 24**: Pin or fastener.
- 25**: Pin or fastener.
- 26**: Pin or fastener.
- 27**: Pin or fastener.
- 28**: Pin or fastener.
- 29**: Pin or fastener.
- 30**: Pin or fastener.
- 30:1**: Pin or fastener.
- 30:2**: Pin or fastener.
- 30:3**: Pin or fastener.
- 30:4**: Pin or fastener.
- 30:5**: Pin or fastener.

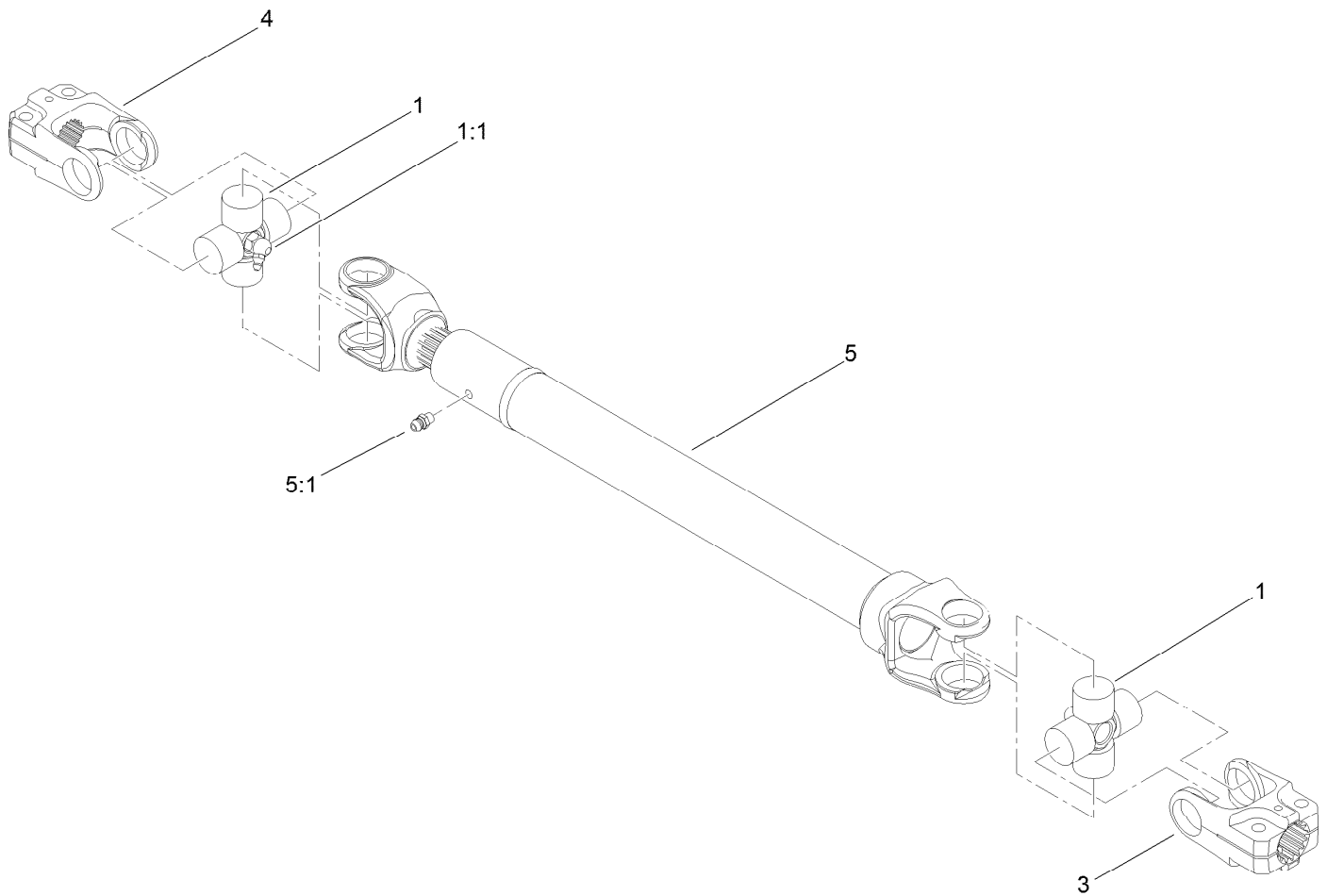
The assembly is shown in a disassembled state to illustrate the relationship between the various components.

# Gear Case and Clutch Assembly

## Transmission Assembly No. 125-9290 (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                 |             |                    |             |                       |

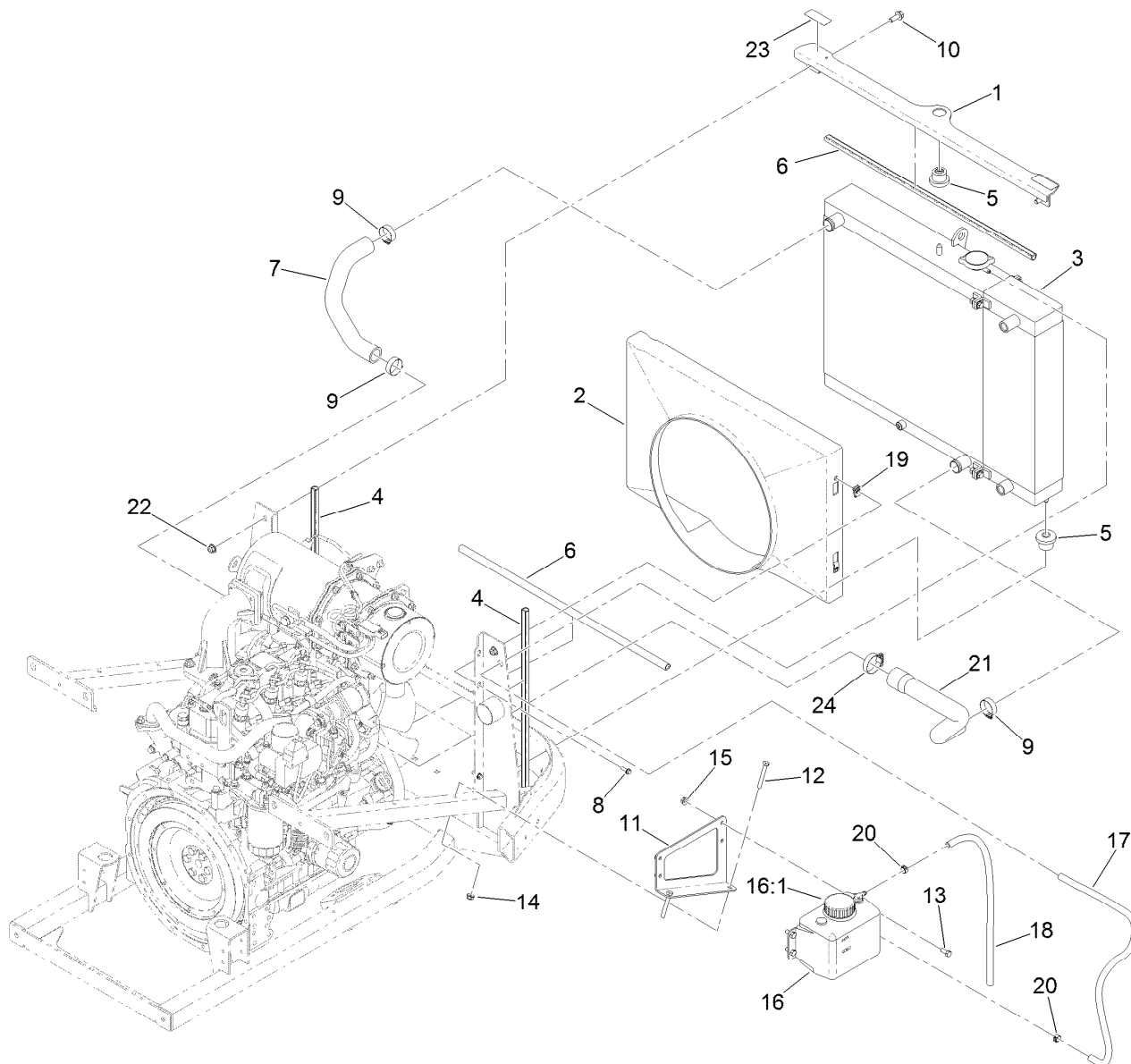
● Not serviced separately



## 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



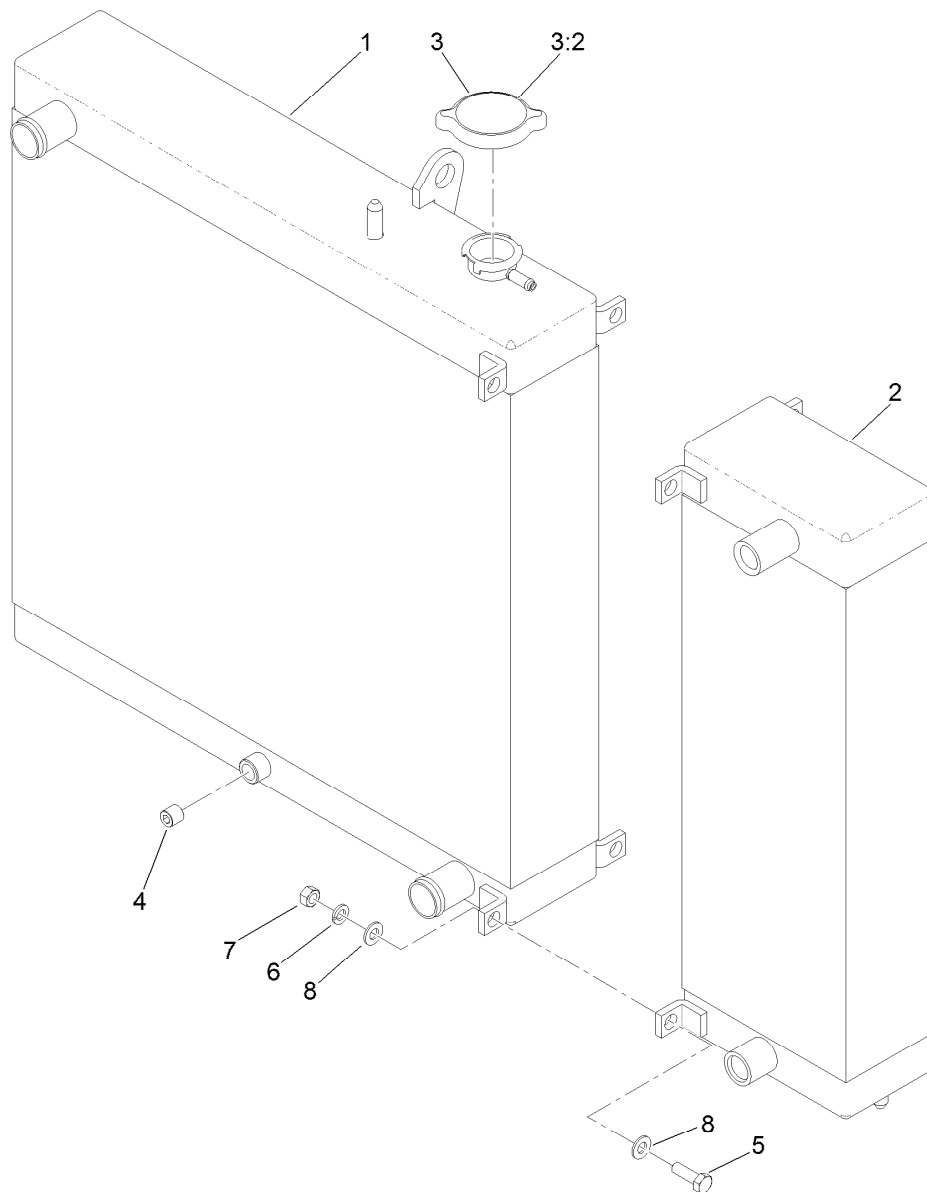
## Radiator Component Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 133-4736-03 | 1    | Support-Radiator       |
| 2    | 125-2840    | 1    | Shroud-Fan             |
| 3    |             | 1    | Radiator/Cooler ASM ■● |
| 4    | 119-1426    | 2    | Seal-Bulb              |
| 5    | 119-1422    | 3    | Mount-Isolator         |
| 6    | 119-1427    | 2    | Seal-Bulb              |
| 7    | 125-2846    | 1    | Hose-Radiator, Upper   |
| 8    | 32105-15    | 4    | Screw-HWH              |
| 9    | 2412-34     | 3    | Clamp-Hose             |
| 10   | 3234-42     | 2    | Screw-HHF              |
| 11   | 125-2816-03 | 1    | Bracket-Overflow       |
| 12   | 322-11      | 2    | Screw-HH               |
| 13   | 322-3       | 4    | Screw-HH               |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 14   | 104-8300    | 2    | Nut-HF, NI            |
| 15   | 32128-25    | 4    | Nut-HF                |
| 16   | 120-5573    | 1    | Coolant Reservoir ASM |
| 16:1 | 87-7050     | 1    | Cap-Reservoir         |
| 17   | 110-3257    | 1    | Hose-Fuel             |
| 18   | 110-6187    | 1    | Hose-Fuel             |
| 19   | 107069      | 4    | Clip                  |
| 20   | 92-2379     | 2    | Clamp-Hose            |
| 21   | 125-2845    | 1    | Hose-Radiator, Lower  |
| 22   | 104-8301    | 2    | Nut-HF, NI            |
| 23   | 117-4766    | 2    | Decal-Warning, Fan    |
| 24   | 2412-111    | 1    | Clamp                 |

● See following pages

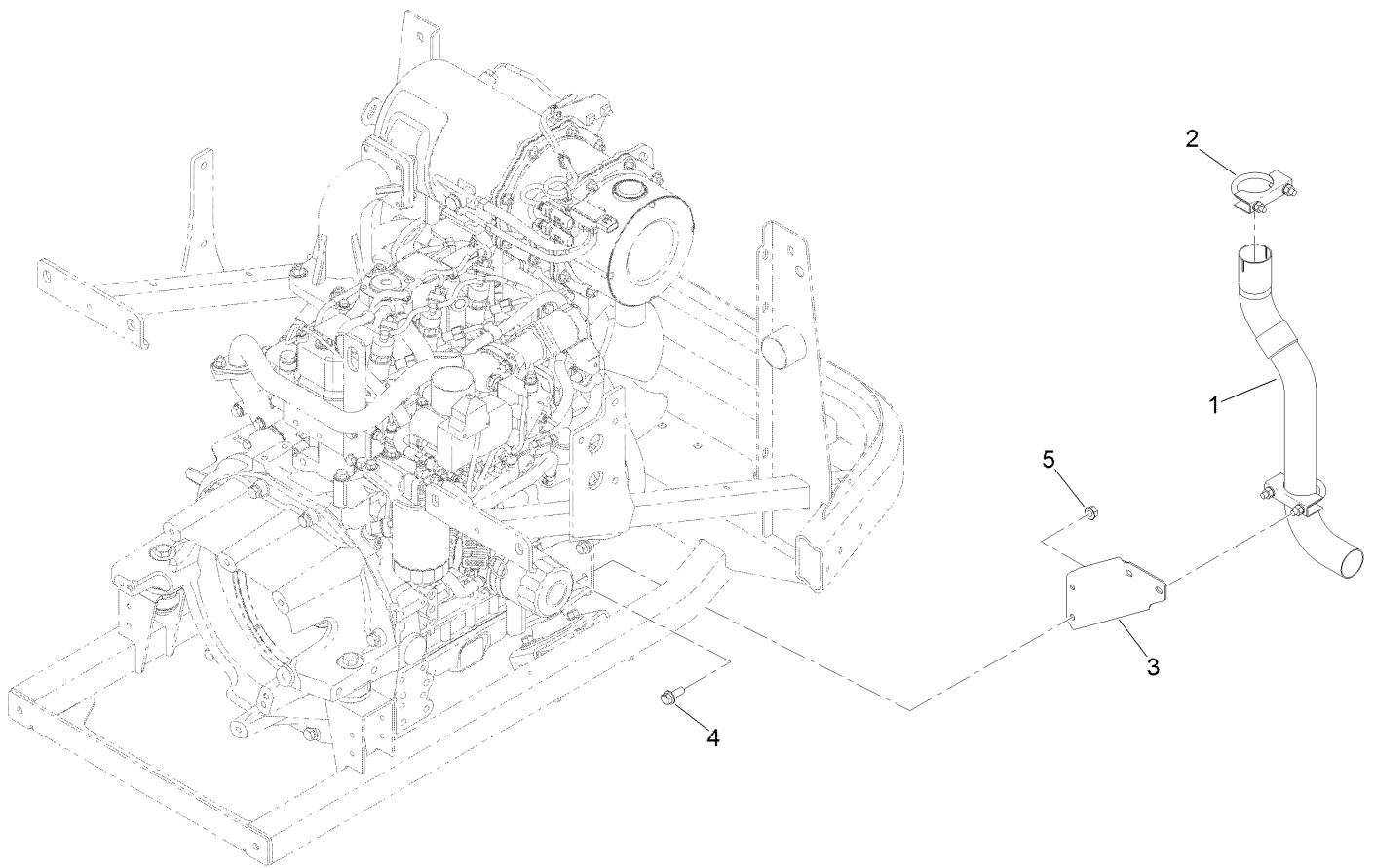
■ Not serviced separately



## Radiator and Cooler Assembly

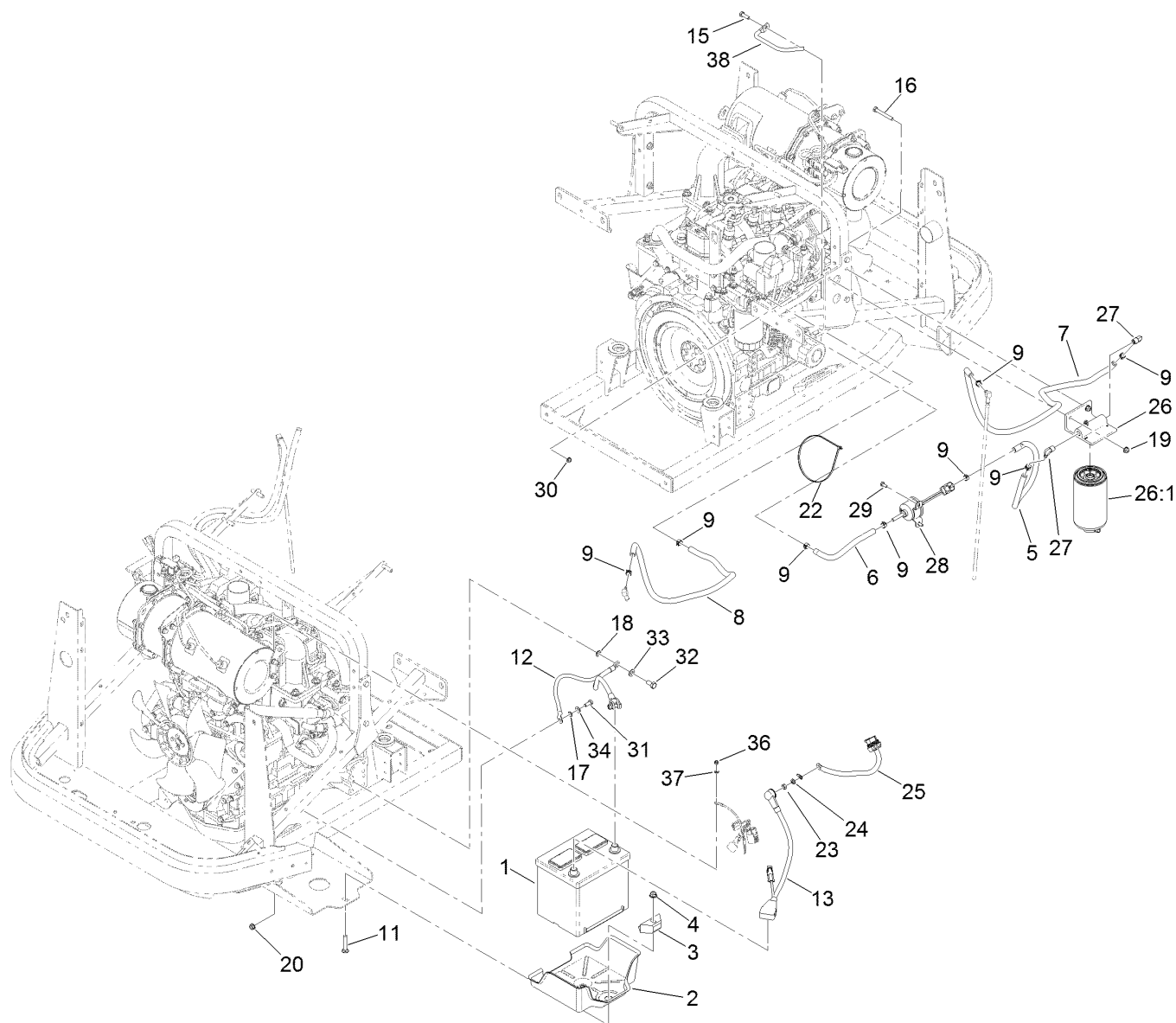
| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 133-4739    | 1    | Radiator         |
| 2    | 125-4355    | 1    | Oil Cooler       |
| 3    | 119-1430    | 1    | Radiator Cap ASM |
| 3:2  | 117-3276    | 1    | Decal-Danger     |
| 4    | 99-8551     | 1    | Plug-Pipe        |
| 5    | 322-5       | 4    | Screw-HH         |
| 6    | 3253-4      | 4    | Washer-Lock      |
| 7    | 3217-6      | 4    | Nut-Hex          |
| 8    | 3256-23     | 4    | Washer-Plain     |





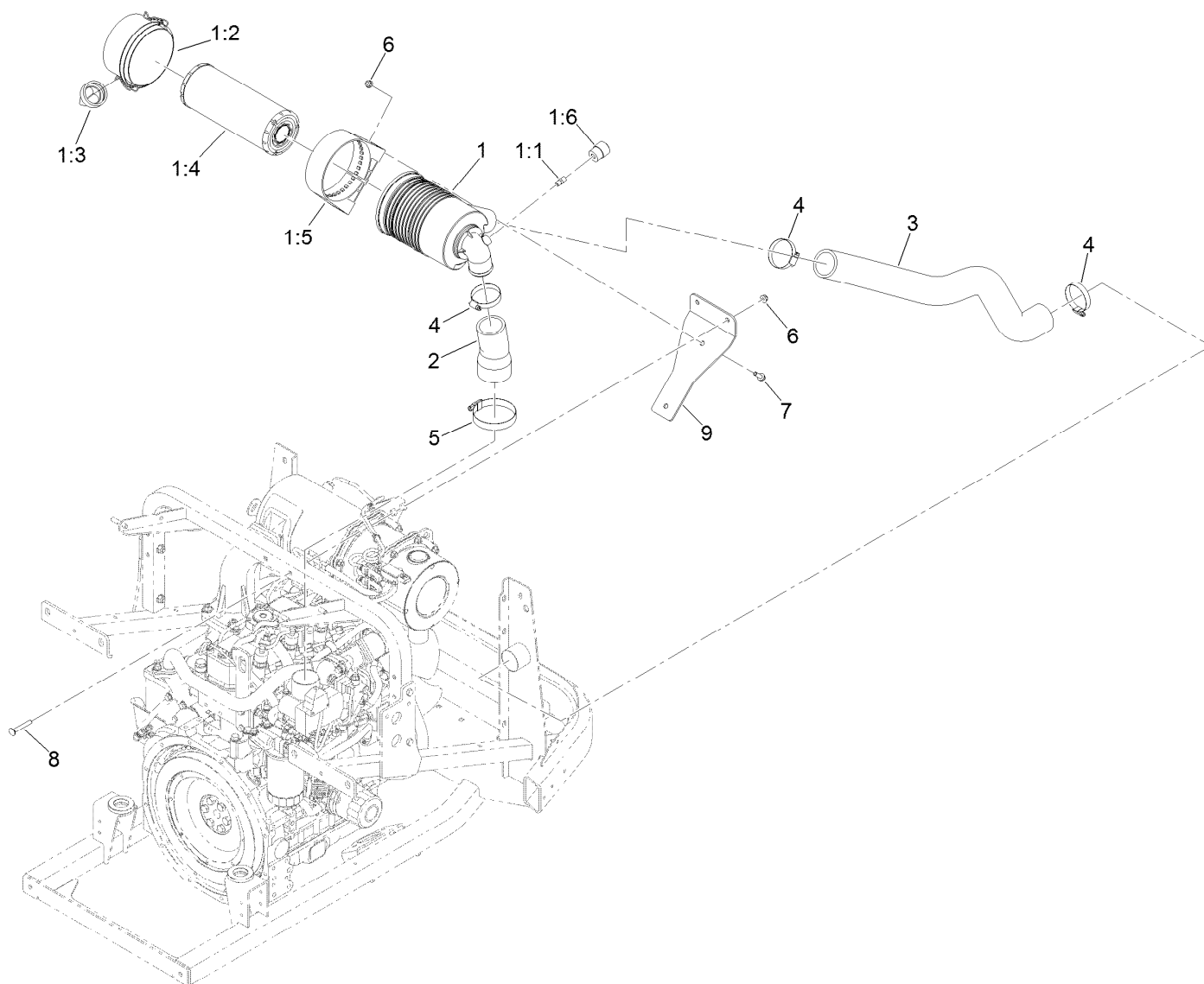
## Muffler Component Assembly

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 125-2844    | 1    | Pipe-Exhaust    |
| 2    | 18-2130     | 2    | Clamp           |
| 3    | 127-4860-03 | 1    | Bracket-Exhaust |
| 4    | 3234-42     | 2    | Screw-HHF       |
| 5    | 32128-21    | 2    | Nut-HF          |



## Battery and Fuel Delivery Assembly

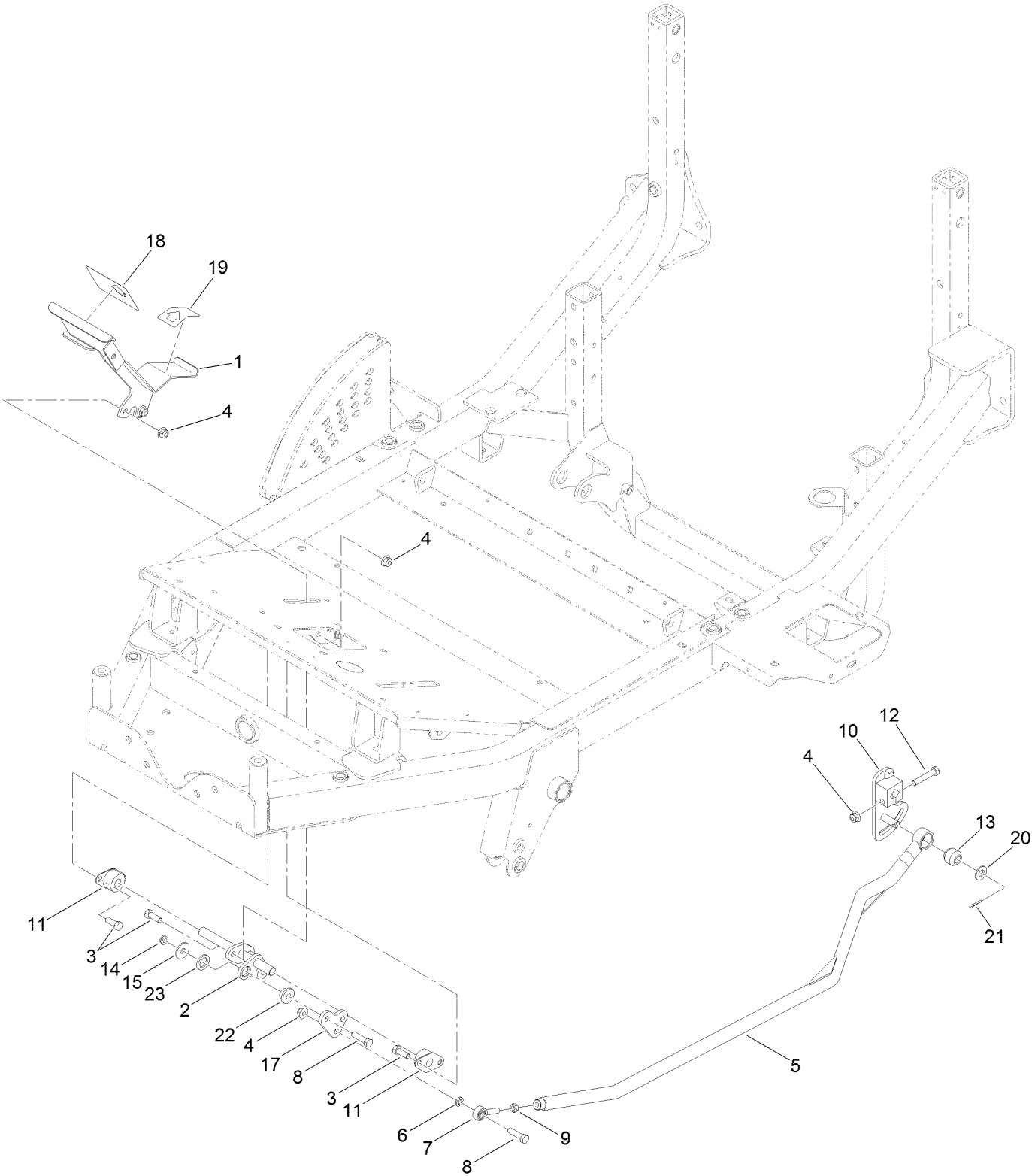
| Ref. | Part Number | Qty. | Description             | Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-------------------------|------|-------------|------|-----------------------------|
| 1    | 106-5187    | 1    | Battery-Dry             | 22   | 3290-379    | 1    | Tie-Cable                   |
| 2    | 127-4866    | 1    | Tray-Battery            | 23   | 33014-00    | 1    | Nut-Hex                     |
| 3    | 66-2490     | 1    | Retainer-Battery        | 24   | 3253-4      | 1    | Washer-Lock                 |
| 4    | 104-8301    | 1    | Nut-HF, NI              | 25   | 99-3441     | 1    | Harness-Wire, Fusible Link  |
| 5    | 110-4109    | 1    | Hose-Fuel               | 26   | 125-2914    | 1    | Separator Filter ASM        |
| 6    | 110-4124    | 1    | Hose-Fuel               | 26:1 | 125-2915    | 1    | Filter-Fuel/Water Separator |
| 7    | 109-0277    | 1    | Hose-Fuel               | 27   | 353-781     | 2    | Fitting-HYD, 90             |
| 8    | 110-9662    | 1    | Hose-Fuel               | 28   | 121-5613    | 1    | Pump-Fuel, Electric         |
| 9    | 92-2379     | 8    | Clamp-Hose              | 29   | 321-3       | 2    | Screw-HH                    |
| 11   | 3231-6      | 1    | Screw-CARR              | 30   | 104-7201    | 2    | Nut-HF                      |
| 12   | 122-0266    | 1    | Cable-Battery, Negative | 31   | 322-3       | 1    | Screw-HH                    |
| 13   | 119-4378    | 1    | Cable-Battery, Positive | 32   | 33115-020   | 1    | Screw-HH                    |
| 15   | 322-5       | 1    | Screw-HH                | 33   | 3256-24     | 1    | Washer-Flat                 |
| 16   | 322-12      | 1    | Screw-HH                | 34   | 3256-23     | 1    | Washer-Plain                |
| 17   | 3255-8      | 1    | Washer-Lock             | 36   | 33013-00    | 1    | Nut-Hex                     |
| 18   | 3255-9      | 1    | Washer-Lock             | 37   | 43-5930     | 1    | Washer-Lock, Spring         |
| 19   | 104-8300    | 2    | Nut-HF, NI              | 38   | 131-3371    | 1    | Guide-Cable, Brake          |
| 20   | 32128-25    | 1    | Nut-HF                  |      |             |      |                             |



## Air Cleaner Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 136-4481    | 1    | Air Cleaner ASM      |
| 1:1  | 94-1416     | 1    | Adapter-Indicator    |
| 1:2  | 98-9771     | 1    | Cover ASM            |
| 1:3  | 94-1414     | 1    | Valve-Vacuator       |
| 1:4  | 108-3810    | 1    | Filter-Air           |
| 1:5  | 98-4525     | 1    | Bracket-Cleaner, Air |
| 1:6  | 93-9164     | 1    | Indicator-Mini       |
| 2    | 125-2848    | 1    | Hose-Inlet, Air      |
| 3    | 125-2849    | 1    | Hose-Draw, Air       |
| 4    | 2412-130    | 3    | Clamp-Hose           |
| 5    | 2412-125    | 1    | Clamp-Hose           |
| 6    | 104-8300    | 4    | Nut-HF, NI           |
| 7    | 3234-17     | 2    | Screw-HHF            |
| 8    | 3230-7      | 2    | Bolt-CARR            |
| 9    | 125-2847-03 | 1    | Bracket-Cleaner, Air |

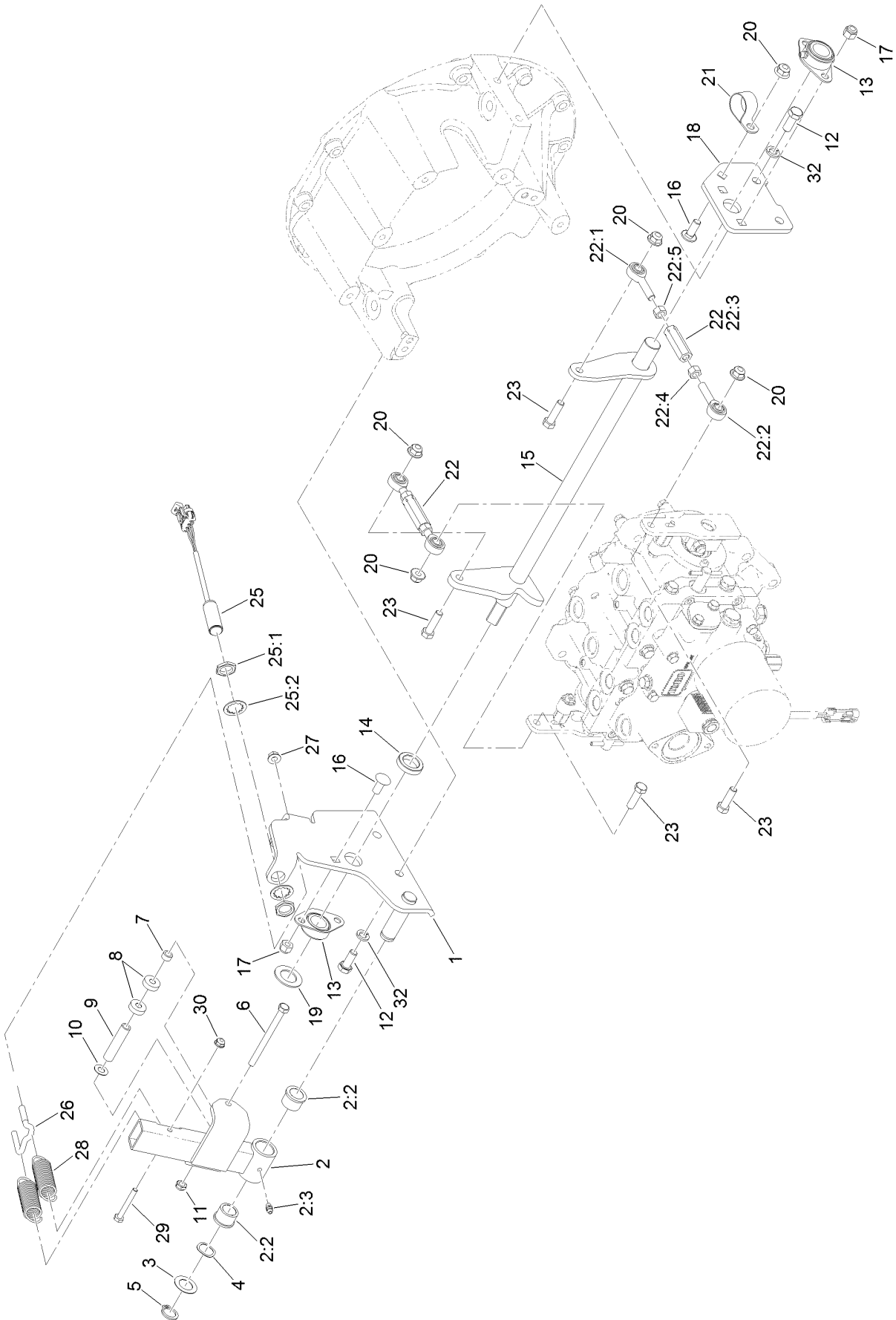
# Traction Pedal Assembly



## Traction Pedal 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           | 117-3070-01        | 1           | Pedal                 | 12          | 323-10             | 1           | Screw-HH                |
| 2           | 125-4402           | 1           | Pivot-Pedal, Isolated | 13          | 23-2270            | 1           | Bushing-Rubber          |
| 3           | 323-6              | 6           | Screw-HH              | 14          | 3296-59            | 2           | Nut-Lock, NI            |
| 4           | 104-8301           | 8           | Nut-HF, NI            | 15          | 93-8806            | 2           | Washer-Hardened         |
| 5           | 136-4451-03        | 1           | Rod-Traction          | 17          | 136-4453           | 1           | Plate-Linkage, Traction |
| 6           | 3253-21            | 1           | Washer-Lock           | 18          | 94-3307            | 1           | Pad-Pedal, Traction     |
| 7           | 2411-36            | 1           | Bearing-End, Rod      | 19          | 94-3308            | 1           | Pad-Pedal, Traction     |
| 8           | 323-29             | 3           | Screw-HH              | 20          | 3256-26            | 1           | Washer-Flat             |
| 9           | 3220-3             | 1           | Nut-HJ                | 21          | 3272-10            | 1           | Pin-Cotter              |
| 10          | 131-5546-03        | 1           | Lever-Traction        | 22          | 133-6397           | 2           | Bushing-Delrin          |
| 11          | 256-236            | 2           | Bearing-Mount, Flange | 23          | 133-6398           | 2           | Washer-Delrin           |

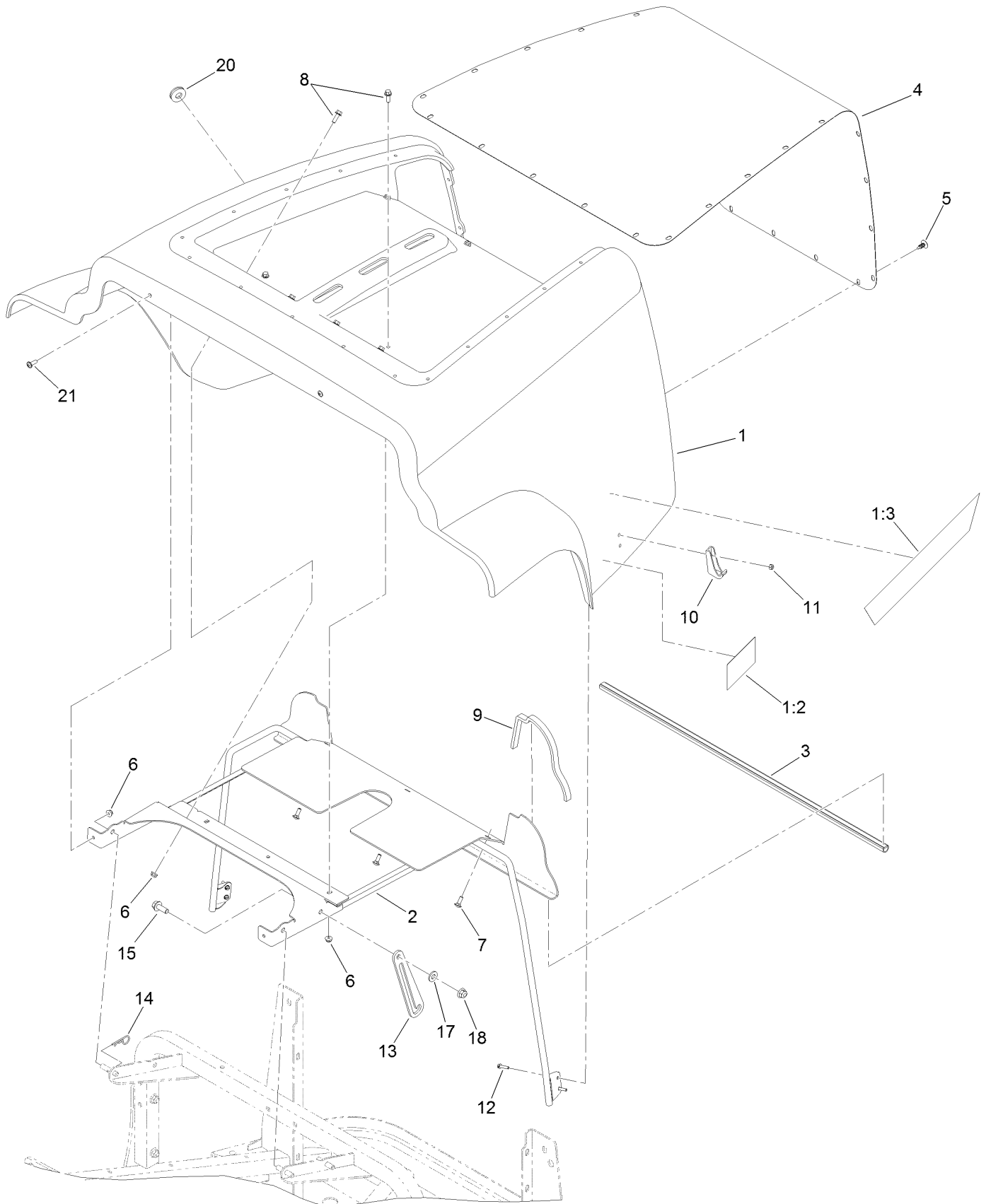
# Neutral System Assembly



## Neutral 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           | 136-4482-03        | 1           | Plate-End, Neutral    | 19          | 119-2332           | 1           | Washer-Flat                 |
| 2           | 125-4366           | 1           | Neutral Arm ASM       | 20          | 104-8301           | 5           | Nut-HF, NI                  |
| 2:2         | 256-113            | 2           | Bushing-Flange        | 21          | 2412-126           | 1           | R-Clamp                     |
| 2:3         | 302-5              | 1           | Fitting-Grease        | 22          | 125-2870           | 2           | Link ASM                    |
| 3           | 3-6498             | 1           | Washer-Thrust         | 22:1        | 125-4389           | 1           | Bearing-End, Rod            |
| 4           | 119-4164           | 1           | Washer-Wave           | 22:2        | 2411-36            | 1           | Bearing-End, Rod            |
| 5           | 32120-93           | 1           | Ring-Retaining        | 22:3        | 125-4390           | 1           | Hex-Adjustment              |
| 6           | 322-19             | 1           | Screw-HH              | 22:4        | 3219-3             | 1           | Nut-Hex                     |
| 7           | 136-4455           | 1           | Sleeve-Spacer         | 22:5        | 3219-20            | 1           | Nut-Hex, LH                 |
| 8           | 121-6835           | 2           | Bearing-Ball          | 23          | 323-29             | 4           | Screw-HH                    |
| 9           | 136-4454           | 1           | Sleeve-Spacer         | 25          | 115-5300           | 1           | Proximity Switch ASM        |
| 10          | 73-0041            | 1           | Washer-Thrust         | 25:1        | 117-3207           | 2           | Nut-Hex                     |
| 11          | 3296-47            | 1           | Nut-Lock, NI          | 25:2        | 117-3208           | 2           | Washer-Lock, Internal Tooth |
| 12          | 120-9635           | 4           | Screw-HH              | 26          | 131-3376           | 1           | Hook-Spring, Dual           |
| 13          | 131-5529           | 2           | Bearing-Flange, Side  | 27          | 32128-25           | 1           | Nut-HF                      |
| 14          | 125-2879           | 1           | Spacer-Shaft, Neutral | 28          | 131-3374           | 2           | Spring-Extension            |
| 15          | 131-5547-03        | 1           | Shaft-Neutral         | 29          | 321-11             | 1           | Screw-HH                    |
| 16          | 3231-27            | 5           | Screw-CARR            | 30          | 104-7201           | 1           | Nut-HF                      |
| 17          | 3296-39            | 4           | Nut-Lock, NI          | 32          | 48-9590            | 4           | Washer-Lock                 |
| 18          | 125-2869-03        | 1           | Plate-End, Neutral    |             |                    |             |                             |

# Hood Assembly

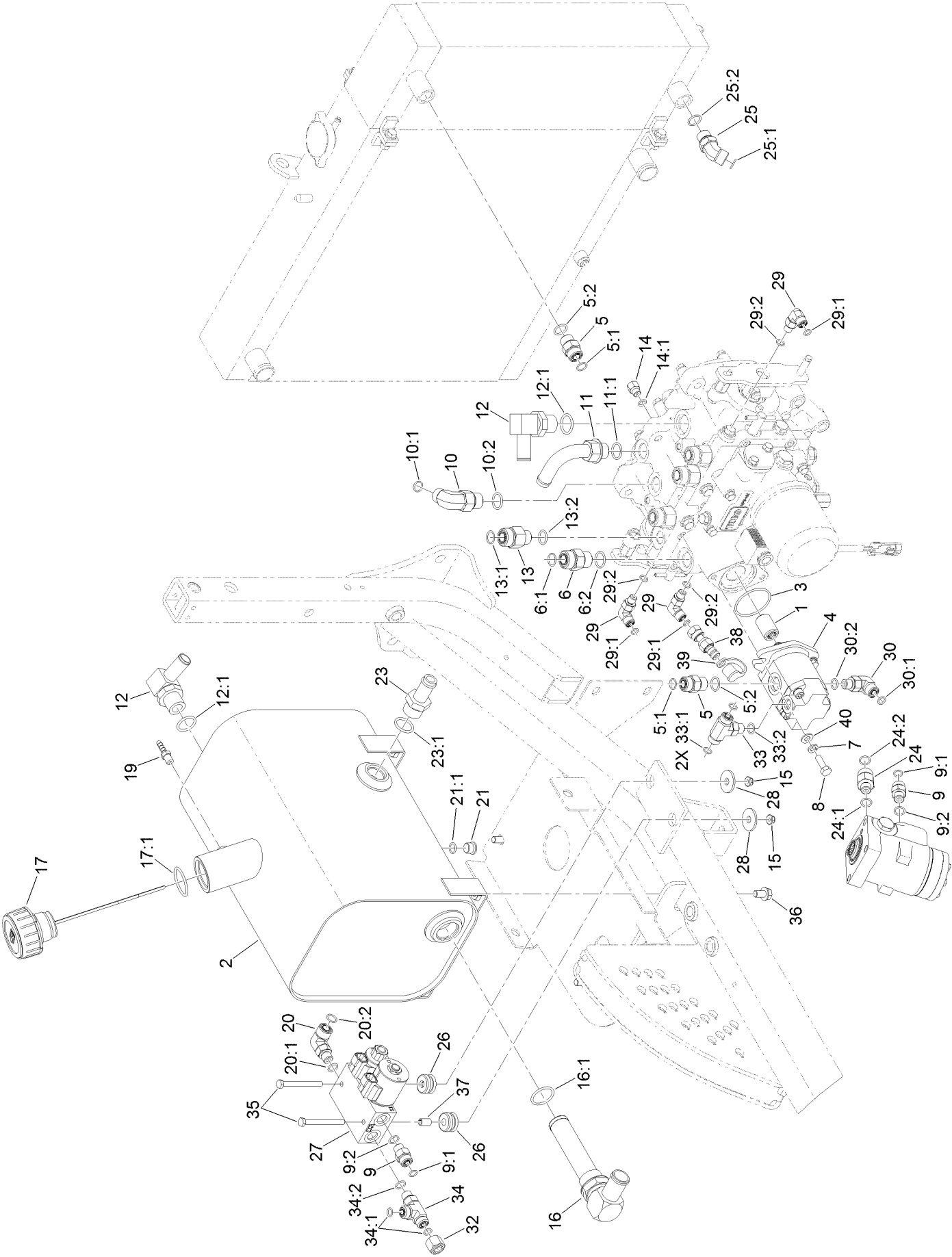




## Hood Assembly (continued)

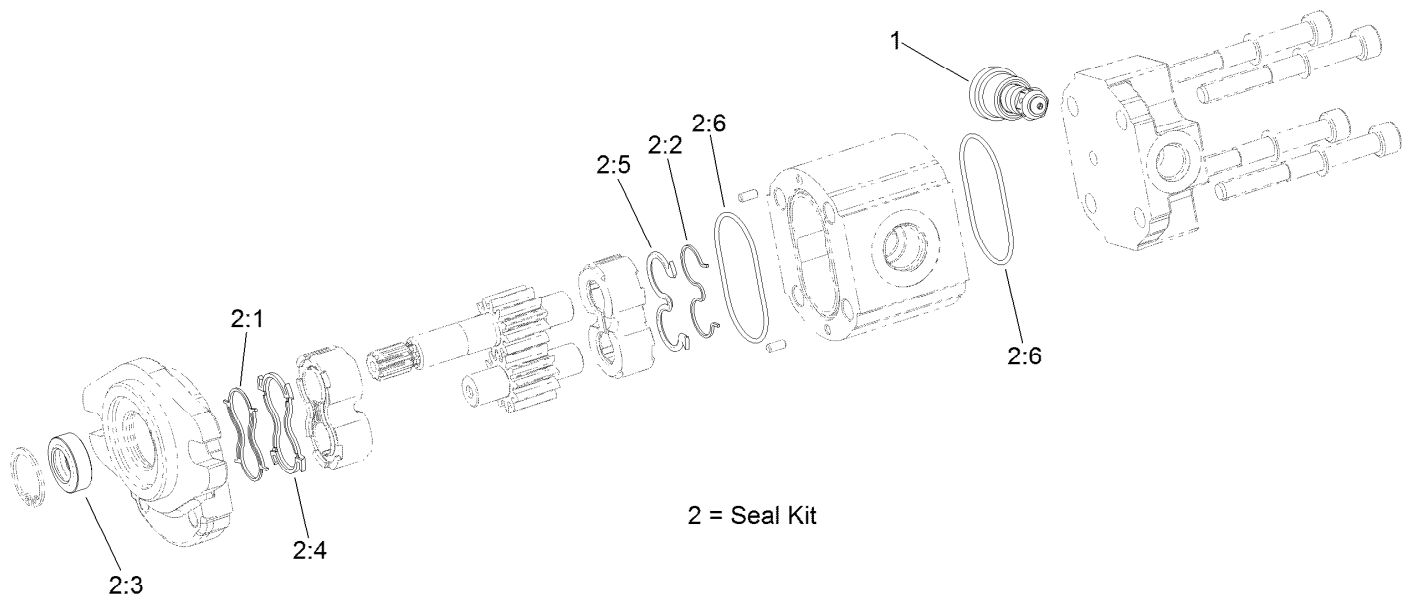
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|
| 1           | 127-4879           | 1           | Hood ASM           | 10          | 103-2897           | 2           | Latch-Catch        |
| 1:2         | 117-3270           | 2           | Decal-Danger       | 11          | 3296-2             | 4           | Nut-Lock, NI       |
| 1:3         | 117-3279           | 2           | Decal-Hood         | 12          | 32105-13           | 4           | Screw-HWH          |
| 2           | 136-4456-03        | 1           | Mount-Hood         | 13          | 125-2899-03        | 1           | Rod-Prop           |
| 3           | 115-0423           | 1           | Seal-Bulb          | 14          | 9335054            | 1           | Pin-Hair           |
| 4           | 125-2881-03        | 1           | Screen-Hood        | 15          | 3234-42            | 1           | Screw-HHF          |
| 5           | 117-2382           | 27          | Plug-Plastic       | 17          | 66-2920            | 1           | Washer-Friction    |
| 6           | 104-7201           | 11          | Nut-HF             | 18          | 104-8301           | 1           | Nut-HF, NI         |
| 7           | 3229-1             | 3           | Bolt-CARR          | 20          | 104-1453           | 1           | Grommet            |
| 8           | 3234-4             | 6           | Screw-HHF          | 21          | 92-3911            | 2           | Screw-HSBH         |
| 9           | 125-4449           | 2           | Seal-Foam          |             |                    |             |                    |

# Deck Lift Valve and Hydraulic Fitting Assembly



## Deck Lift Valve and Hydraulic Fitting Assembly (continued)

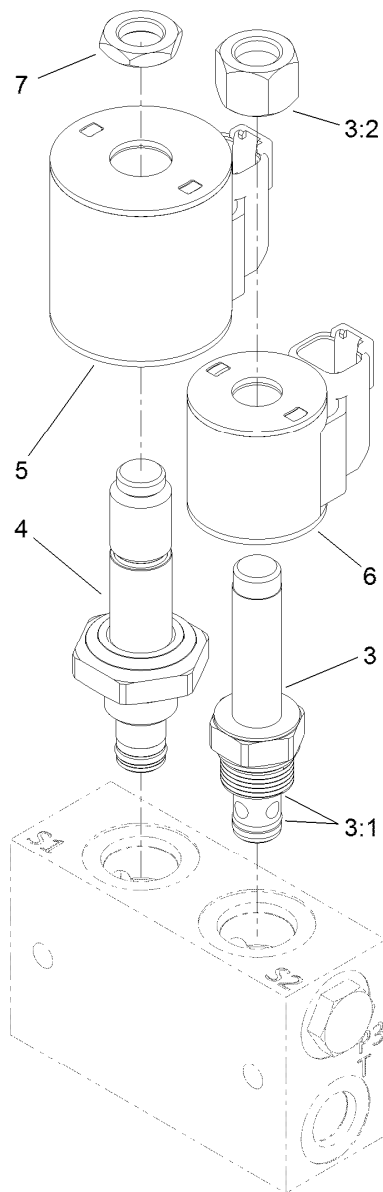
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|-------------|--------------------|-------------|-----------------------|
| 1           | 108-9920           | 1           | Coupler-Spline        | 20:1        | 237-30             | 1           | O-Ring                |
| 2           | 117-3372           | 1           | Tank-Hydraulic, Metal | 20:2        | 237-42             | 1           | O-Ring                |
| 3           | 108-9919           | 1           | O-Ring                | 21          | 353-989            | 1           | Plug-Hex, Hollow      |
| 4           | 115-0375           | 1           | Gear Pump ASM         | 21:1        | 237-42             | 1           | O-Ring                |
| 5           | 340-4              | 2           | Fitting-Straight      | 23          | 354-73             | 1           | Fitting               |
| 5:1         | 237-30             | 1           | O-Ring                | 23:1        | 237-81             | 1           | O-Ring                |
| 5:2         | 237-79             | 1           | O-Ring                | 24          | 340-5              | 1           | Fitting-Straight      |
| 6           | 340-7              | 1           | Fitting-Straight      | 24:1        | 237-42             | 1           | O-Ring                |
| 6:1         | 237-65             | 1           | O-Ring                | 24:2        | 237-30             | 1           | O-Ring                |
| 6:2         | 237-80             | 1           | O-Ring                | 25          | 340-101            | 1           | Fitting-HYD, 45 DEG   |
| 7           | 3253-4             | 2           | Washer-Lock           | 25:1        | 237-30             | 1           | O-Ring                |
| 8           | 33114-025          | 2           | Screw-HH              | 25:2        | 237-79             | 1           | O-Ring                |
| 9           | 340-2              | 5           | Fitting-Straight      | 26          | 63-9750            | 2           | Mount                 |
| 9:1         | 237-22             | 1           | O-Ring                | 27          | 131-1934           | 1           | Deck Lift Valve ASM   |
| 9:2         | 237-42             | 1           | O-Ring                | 28          | 63-8410            | 2           | Washer                |
| 10          | 340-105            | 1           | Fitting-Elbow, 90 DEG | 29          | 340-132            | 3           | Fitting-Elbow, 90 DEG |
| 10:1        | 237-80             | 1           | O-Ring                | 29:1        | 237-78             | 1           | O-Ring                |
| 10:2        | 237-30             | 1           | O-Ring                | 29:2        | 237-21             | 1           | O-Ring                |
| 11          | 110-5522           | 1           | Fitting-Elbow, 90     | 30          | 340-77             | 1           | Fitting-Elbow, 90 DEG |
| 11:1        | 237-80             | 1           | O-Ring                | 30:1        | 237-22             | 1           | O-Ring                |
| 12          | 353-987            | 2           | Fitting-Elbow, 90     | 30:2        | 237-42             | 1           | O-Ring                |
| 12:1        | 237-81             | 1           | O-Ring                | 32          | 340-117            | 1           | Cap                   |
| 13          | 340-155            | 4           | Fitting-Straight      | 33          | 340-94             | 1           | Adapter               |
| 13:1        | 237-79             | 1           | O-Ring                | 33:1        | 237-22             | 2           | O-Ring                |
| 13:2        | 237-151            | 1           | O-Ring                | 33:2        | 237-42             | 1           | O-Ring                |
| 14          | 110-5536           | 1           | Fitting-HYD, Adapter  | 34          | 340-86             | 1           | Fitting-Tee           |
| 14:1        | 237-78             | 1           | O-Ring                | 34:1        | 237-22             | 2           | O-Ring                |
| 15          | 104-7201           | 2           | Nut-HF                | 34:2        | 237-42             | 1           | O-Ring                |
| 16          | 105-0204           | 1           | Strainer Fitting ASM  | 35          | 321-14             | 2           | Screw-HH              |
| 16:1        | 237-146            | 1           | O-Ring                | 36          | 32144-15           | 4           | Screw-HHFTF           |
| 17          | 117-3389           | 1           | Cap-Tank, Hydraulic   | 37          | 80-0650            | 2           | Spacer-Tubular        |
| 17:1        | 237-101            | 1           | O-Ring                | 38          | 115-8886           | 1           | Nipple-Test           |
| 19          | 304-73             | 1           | Fitting-Straight      | 39          | 354-79             | 1           | Cap-Dust              |
| 20          | 340-99             | 1           | Fitting-HYD, 90 DEG   | 40          | 3256-23            | 2           | Washer-Plain          |



## Hydraulic Gear Pump Assembly No. 115-0375

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 115-0376    | 1    | Valve-Relief, 125 Bar |
| 2    | 112-0199    | 1    | Seal Kit              |
| 2:1  |             | 1    | Seal-Anti Extrusion ● |
| 2:2  |             | 1    | Seal-Anti Extrusion ● |
| 2:3  |             | 1    | Seal-Shaft ●          |
| 2:4  |             | 1    | Seal-Upper ●          |
| 2:5  |             | 1    | Seal ●                |
| 2:6  |             | 2    | O-Ring ●              |

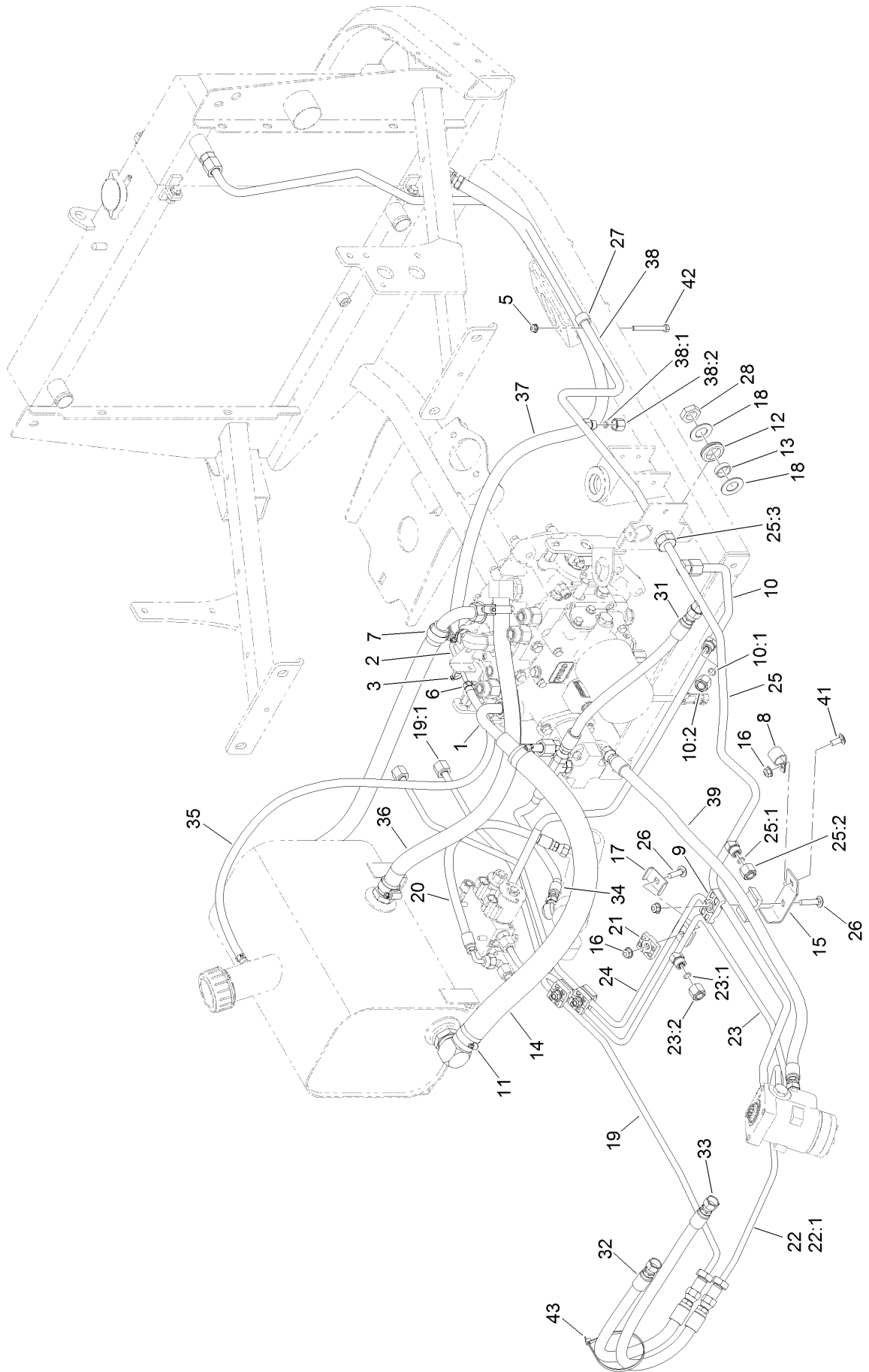
● Not serviced separately



## Valve Assembly No. 131-1934

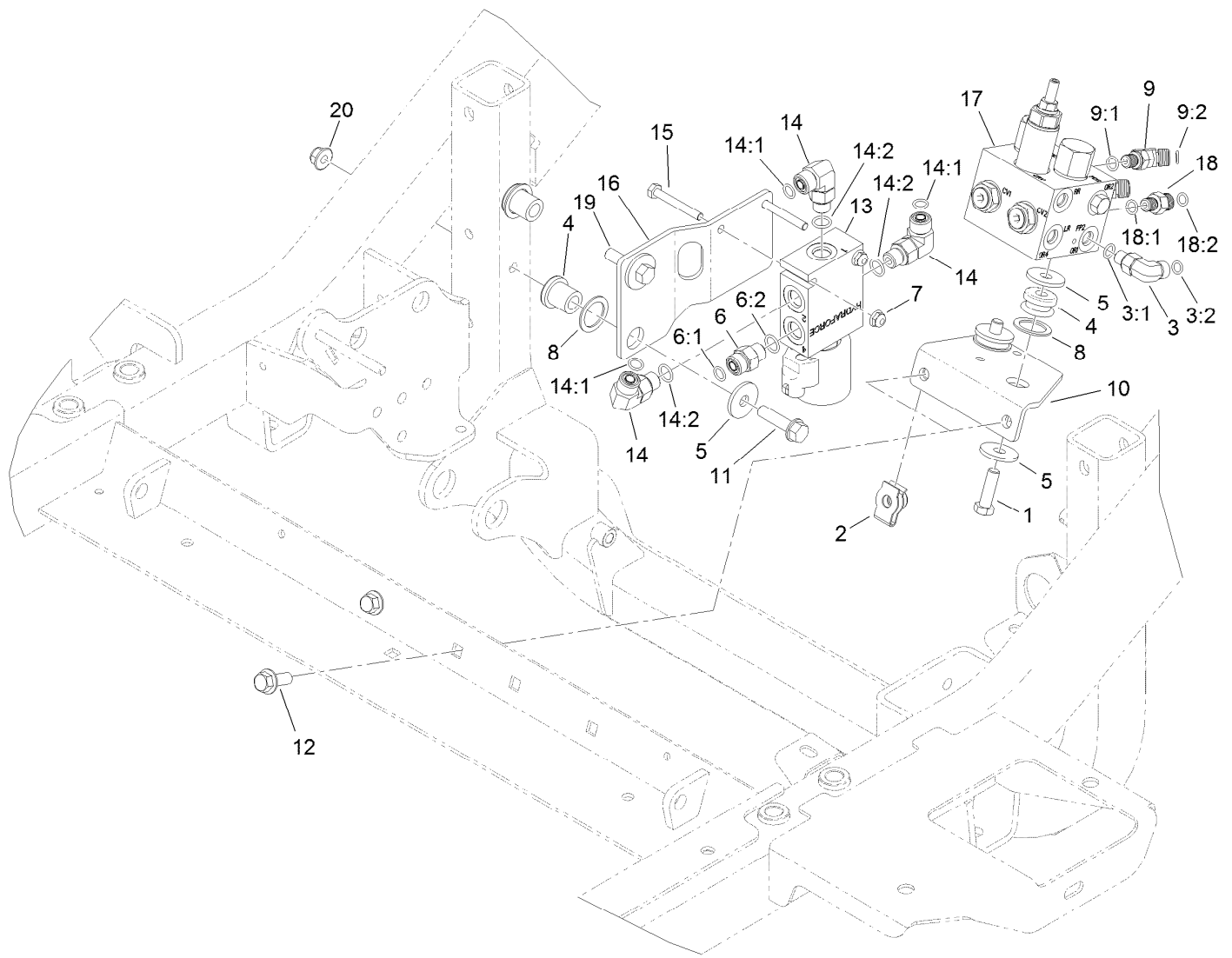
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 3           | 107-7517           | 1           | Valve-Solenoid     |
| 3:1         | 105-9156           | 1           | Seal Kit           |
| 3:2         | 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           |

# 4 Wheel Drive Hydraulic Hose Assembly



## 4 Wheel Drive Hydraulic Hose 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           | 138-1910           | 1           | Suction Tube ASM                  | 23          | 125-2890           | 1           | Steer/Lift Tube ASM           |
| 2           | 125-2891           | 1           | Tube ASM                          | 23:1        | 237-22             | 1           | O-Ring                        |
| 3           | 32180-030          | 1           | Clip-Tie                          | 23:2        | 340-117            | 1           | Cap                           |
| 5           | 104-7201           | 1           | Nut-HF                            | 24          | 131-3351           | 1           | Steer/Steer Manifold Tube ASM |
| 6           | 2412-98            | 2           | Clamp-Hose                        | 25          | 127-4872           | 1           | Steer/Drain Tube ASM          |
| 7           | 2412-129           | 4           | Clamp-Hose                        | 25:1        | 237-22             | 2           | O-Ring                        |
| 8           | 2412-4             | 1           | Clamp-R                           | 25:2        | 340-117            | 1           | Cap                           |
| 9           | 56-7972            | 2           | Clamp-Tube                        | 25:3        | 237-30             | 2           | O-Ring                        |
| 10          | 125-2893           | 1           | Tube ASM                          | 26          | 3230-4             | 4           | Bolt-CARR                     |
| 10:1        | 237-22             | 1           | O-Ring                            | 27          | 2412-87            | 1           | Clamp-Cable                   |
| 10:2        | 340-117            | 1           | Cap                               | 28          | 340-127            | 1           | Nut-Bulkhead                  |
| 11          | 2412-34            | 2           | Clamp-Hose                        | 31          | 117-3122           | 1           | Hose ASM                      |
| 12          | 240-5              | 1           | Grommet                           | 32          | 119-1433           | 1           | Hose ASM                      |
| 13          | 69-8960            | 1           | Spacer                            | 33          | 100-5629           | 1           | Hose ASM                      |
| 14          | 117-3200           | 1           | Hose-Suction                      | 34          | 117-3123           | 1           | HYD Hose ASM                  |
| 15          | 120-0245           | 1           | Bracket-Support                   | 35          | 109-0275           | 1           | Hose-Fuel                     |
| 16          | 104-8300           | 5           | Nut-HF, NI                        | 36          | 117-3121           | 2           | Hose ASM                      |
| 17          | 119-1418           | 6           | Plate-Clamp, Short                | 37          | 117-9937           | 1           | HYD Hose ASM                  |
| 18          | 69-8930            | 2           | Washer                            | 38          | 125-2892           | 1           | Drain/Cooler Tube ASM         |
| 19          | 131-3358           | 1           | Steer Manifold/Front CYL Tube ASM | 38:1        | 237-21             | 1           | O-Ring                        |
| 19:1        | 237-22             | 1           | O-Ring                            | 38:2        | 117-3297           | 1           | Fitting-Cap                   |
| 20          | 110-0928           | 1           | Hose-HYD                          | 39          | 119-8114           | 1           | HYD Hose ASM                  |
| 21          | 56-7973            | 6           | Clamp-Tube                        | 41          | 3230-23            | 1           | Screw-CARR                    |
| 22          | 125-2887           | 1           | Steer/Front Tube ASM              | 42          | 321-15             | 1           | Screw-HH                      |
| 22:1        | 237-22             | 1           | O-Ring                            | 43          | 3334-945           | 1           | Tie-Cable                     |

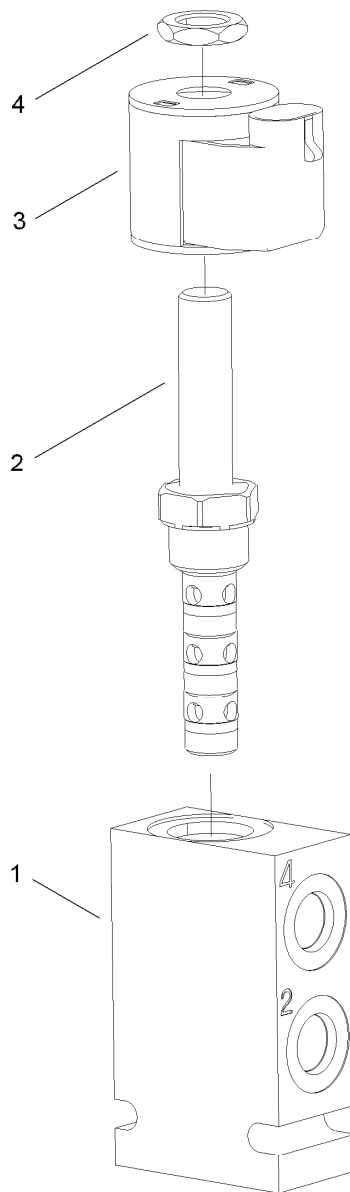


## Hydraulic Valve Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 323-7       | 2    | Screw-HH              |
| 2    | 105-4886    | 2    | Nut-Tinnerman         |
| 3    | 340-132     | 1    | Fitting-Elbow, 90 DEG |
| 3:1  | 237-78      | 1    | O-Ring                |
| 3:2  | 237-21      | 1    | O-Ring                |
| 4    | 63-9750     | 4    | Mount                 |
| 5    | 63-8410     | 6    | Washer                |
| 6    | 340-2       | 1    | Fitting-Straight      |
| 6:1  | 237-22      | 1    | O-Ring                |
| 6:2  | 237-42      | 1    | O-Ring                |
| 7    | 104-7201    | 2    | Nut-HF                |
| 8    | 1-303352    | 4    | Washer-Spindle        |
| 9    | 340-103     | 2    | Fitting-HYD, 45 DEG   |
| 9:1  | 237-78      | 1    | O-Ring                |
| 9:2  | 237-21      | 1    | O-Ring                |
| 10   | 119-1409-03 | 1    | Mount-Plate           |

| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 11   | 323-20      | 1    | Screw-HH                      |
| 12   | 3234-42     | 2    | Screw-HHF                     |
| 13   | 115-0280    | 1    | Steer Selector Valve ASM      |
| 14   | 340-77      | 3    | Fitting-Elbow, 90 DEG         |
| 14:1 | 237-22      | 1    | O-Ring                        |
| 14:2 | 237-42      | 1    | O-Ring                        |
| 15   | 321-11      | 2    | Screw-HH                      |
| 16   | 131-3352-03 | 1    | Plate-Mount, Valve            |
| 17   | 117-2247    | 1    | Cross-Trax Traction Valve ASM |
| 18   | 340-92      | 1    | Fitting-Straight              |
| 18:1 | 237-78      | 1    | O-Ring                        |
| 18:2 | 237-21      | 1    | O-Ring                        |
| 19   | 323-8       | 1    | Screw-HH                      |
| 20   | 104-8301    | 2    | Nut-HF, NI                    |

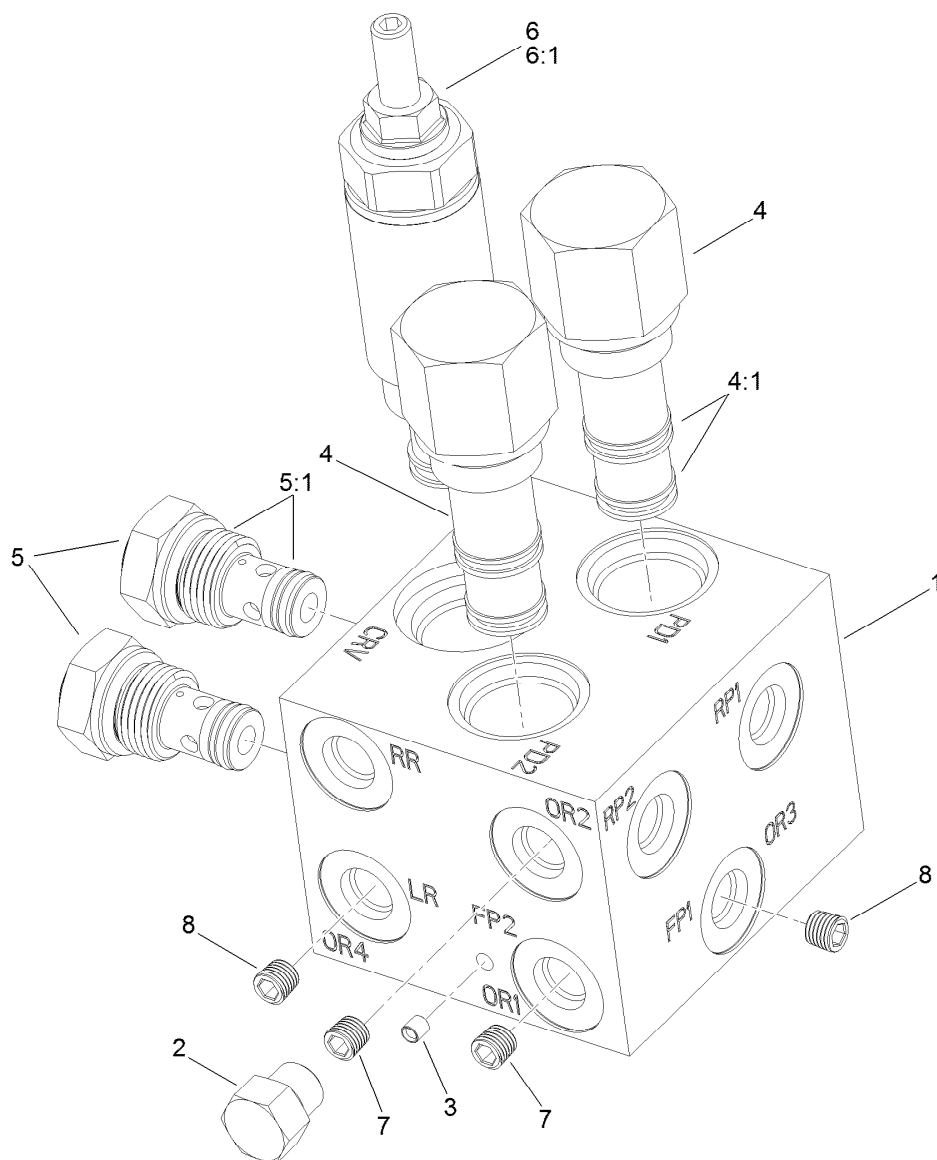




## Steering Selector Valve Assembly No. 115-0280

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           |                    | 1           | Block-Manifold ●   |
| 2           | 119-8042           | 1           | Valve-Solenoid     |
| 3           | 110-6344           | 1           | Coil-12V, Dc       |
| 4           | 110-2634           | 1           | Nut-Coil           |

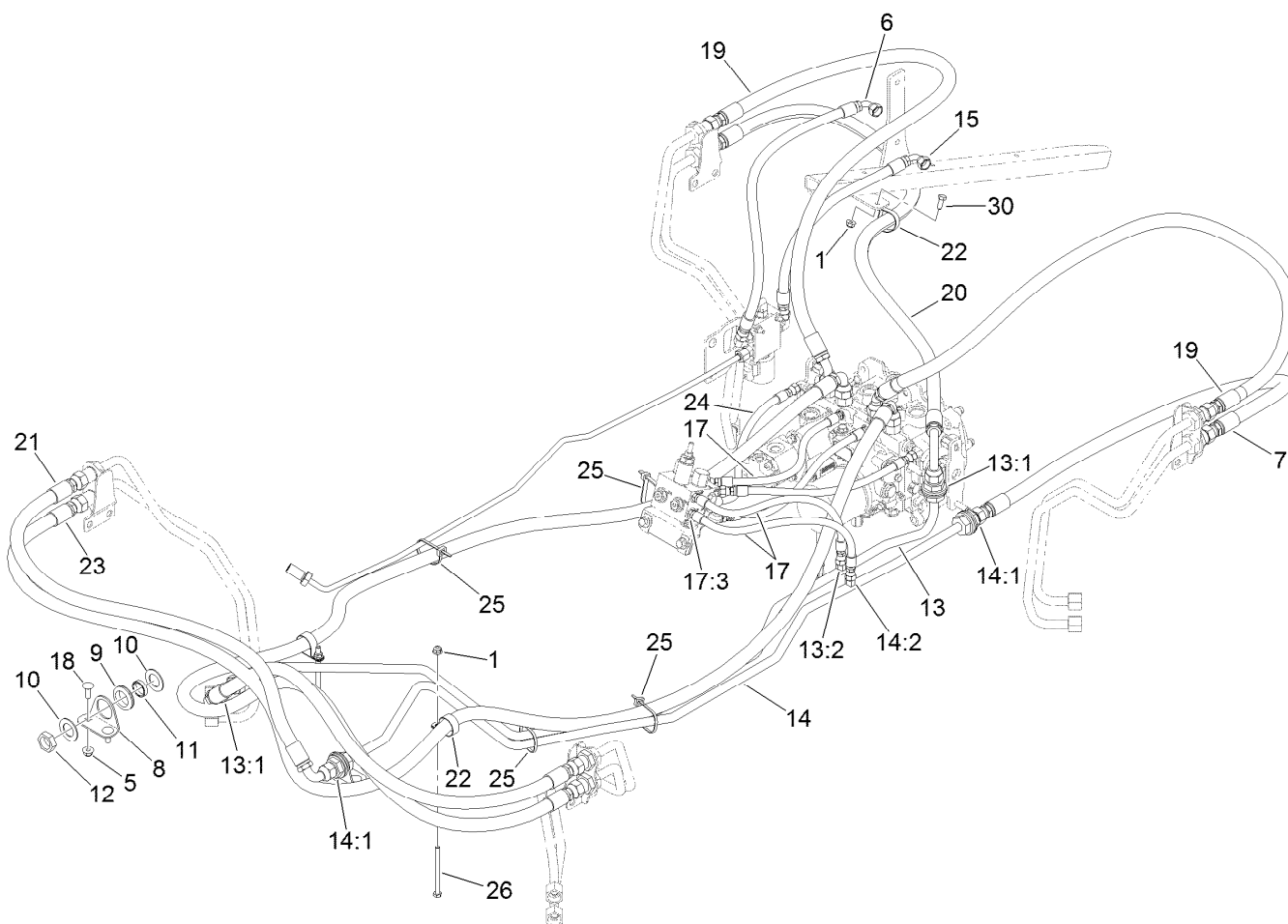
● Not serviced separately



## Cross-Trax Traction Valve Assembly No. 117-2247

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    |             | 1    | Block-Manifold ●         |
| 2    | 117-0115    | 1    | Plug                     |
| 3    |             | 1    | Plug-4Mm ●               |
| 4    | 119-8028    | 2    | Valve-Pilot, Directional |
| 4:1  | 119-8029    | 1    | Pilot Valve Seal Kit     |
| 5    | 119-8030    | 2    | Valve-Check              |
| 5:1  | 119-8031    | 1    | Seal Kit-Check Valve     |
| 6    | 119-8032    | 1    | Valve-Relief             |
| 6:1  | 119-8033    | 1    | Relief Valve Seal Kit    |
| 7    | 119-8034    | 2    | Orifice-.090             |
| 8    | 119-8035    | 2    | Orifice-.040             |

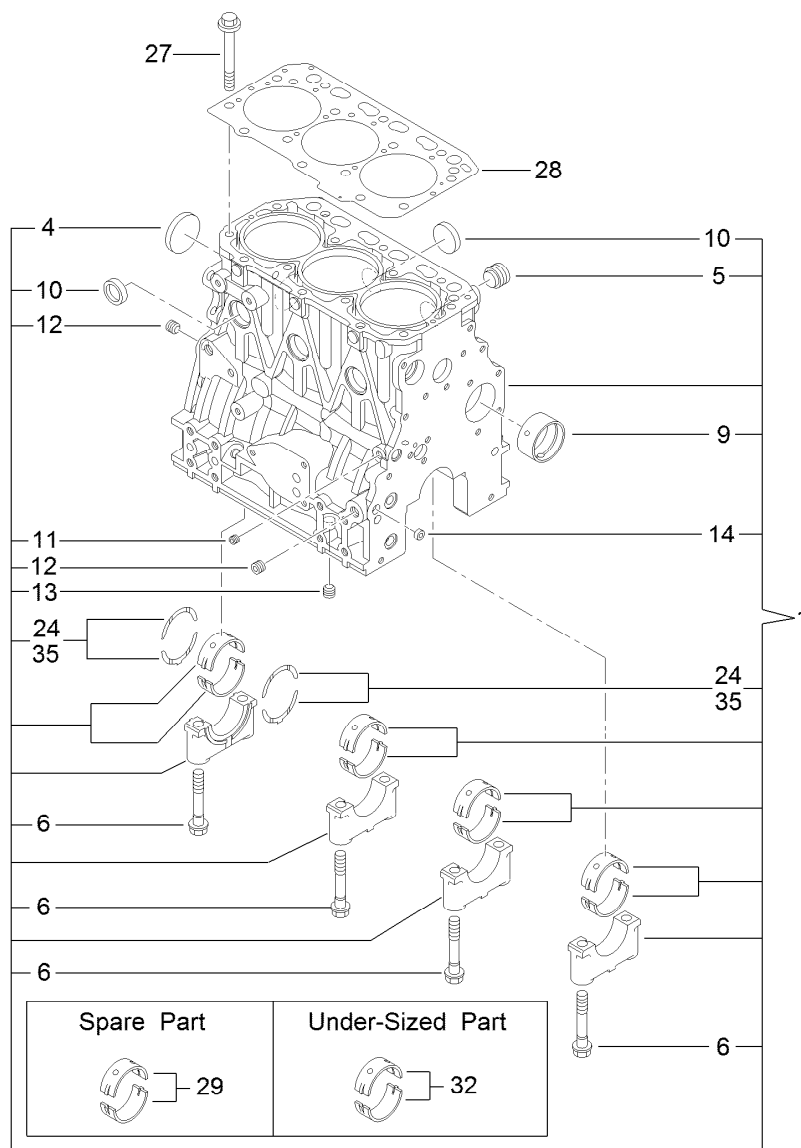
● Not serviced separately



## Steering and Traction Hose Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 104-8300    | 3    | Nut-HF, NI              |
| 5    | 104-8301    | 4    | Nut-HF, NI              |
| 6    | 131-3354    | 1    | Hose ASM                |
| 7    | 119-1435    | 1    | Hose ASM                |
| 8    | 115-0479    | 2    | Bracket-Bulkhead        |
| 9    | 240-3       | 4    | Grommet-Rubber          |
| 10   | 69-9010     | 8    | Washer                  |
| 11   | 125-1984    | 4    | Spacer                  |
| 12   | 340-74      | 4    | Nut-Lock, Bulkhead      |
| 13   | 125-4357    | 1    | Tube ASM-Front Trax, RH |
| 13:1 | 237-65      | 2    | O-Ring                  |
| 13:2 | 237-20      | 1    | O-Ring                  |
| 14   | 117-3116    | 1    | Tube ASM-Front Trax, LH |
| 14:1 | 237-65      | 2    | O-Ring                  |

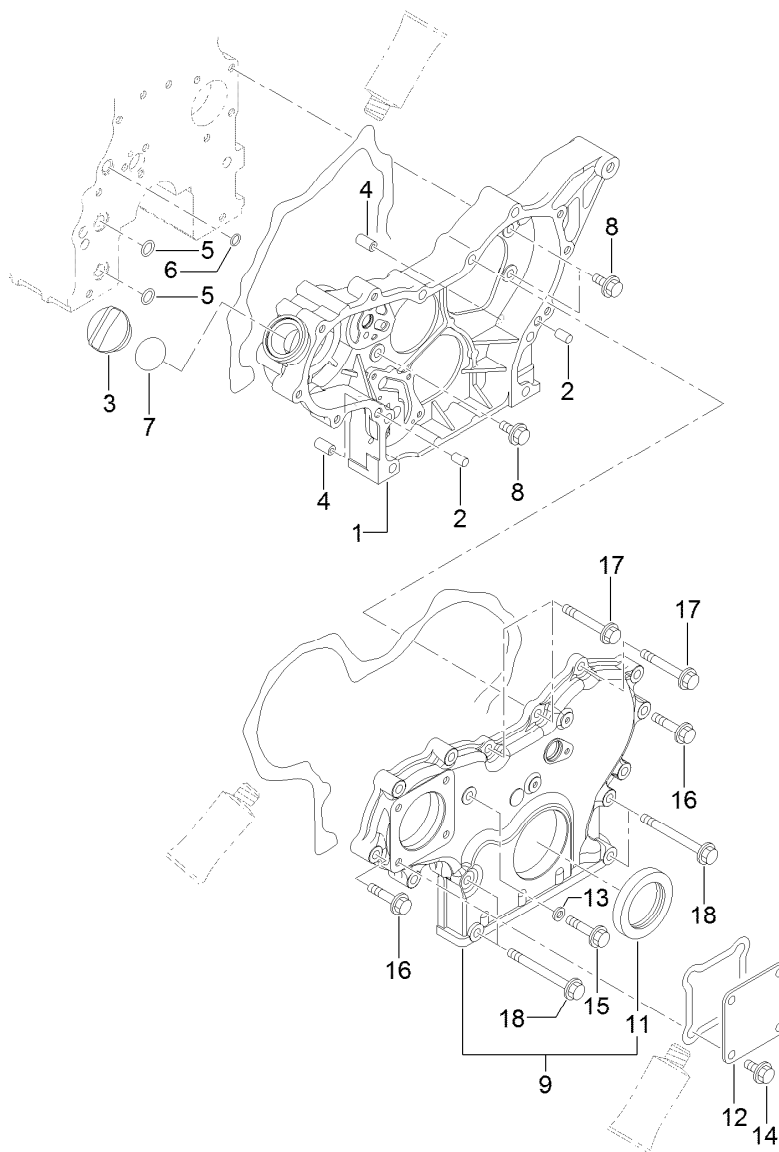
| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 14:2 | 237-21      | 1    | O-Ring       |
| 15   | 131-3353    | 1    | Hose ASM     |
| 17   | 115-0377    | 4    | Hose ASM     |
| 17:3 | 237-78      | 1    | O-Ring       |
| 18   | 3231-22     | 4    | Screw-CARR   |
| 19   | 125-4406    | 2    | Hose ASM     |
| 20   | 133-4747    | 1    | HYD Hose ASM |
| 21   | 117-3124    | 2    | Hose ASM     |
| 22   | 2412-74     | 3    | R-Clamp      |
| 23   | 117-3126    | 2    | Hose ASM     |
| 24   | 117-3127    | 2    | Hose ASM     |
| 25   | 3334-945    | 2    | Tie-Cable    |
| 26   | 322-19      | 2    | Screw-HH     |
| 30   | 322-3       | 1    | Screw-HH     |



## Cylinder Block Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 127-4717    | 1    | Cylinder Block ASM |
| 4    | 125-6980    | 1    | Plug               |
| 5    | 125-7170    | 1    | Plug               |
| 6    | 125-7007    | 8    | Bolt               |
| 9    | 125-7108    | 1    | Bushing            |
| 10   | 125-7239    | 6    | Plug               |
| 11   | 125-6969    | 1    | Plug               |
| 12   | 125-6973    | 2    | Plug               |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 13   | 125-6973    | 1    | Plug                |
| 14   | 125-7237    | 1    | Plug                |
| 24   | 125-7010    | 2    | Metal-Thrust        |
| 27   | 125-7006    | 14   | Bolt                |
| 28   | 127-4716    | 1    | Head Gasket ASM     |
| 29   | 125-6981    | 4    | Metal-Main          |
| 32   | 125-7009    | 4    | Metal-Main (0.25)   |
| 35   | 125-7011    | 1    | Metal-Thrust (0.25) |

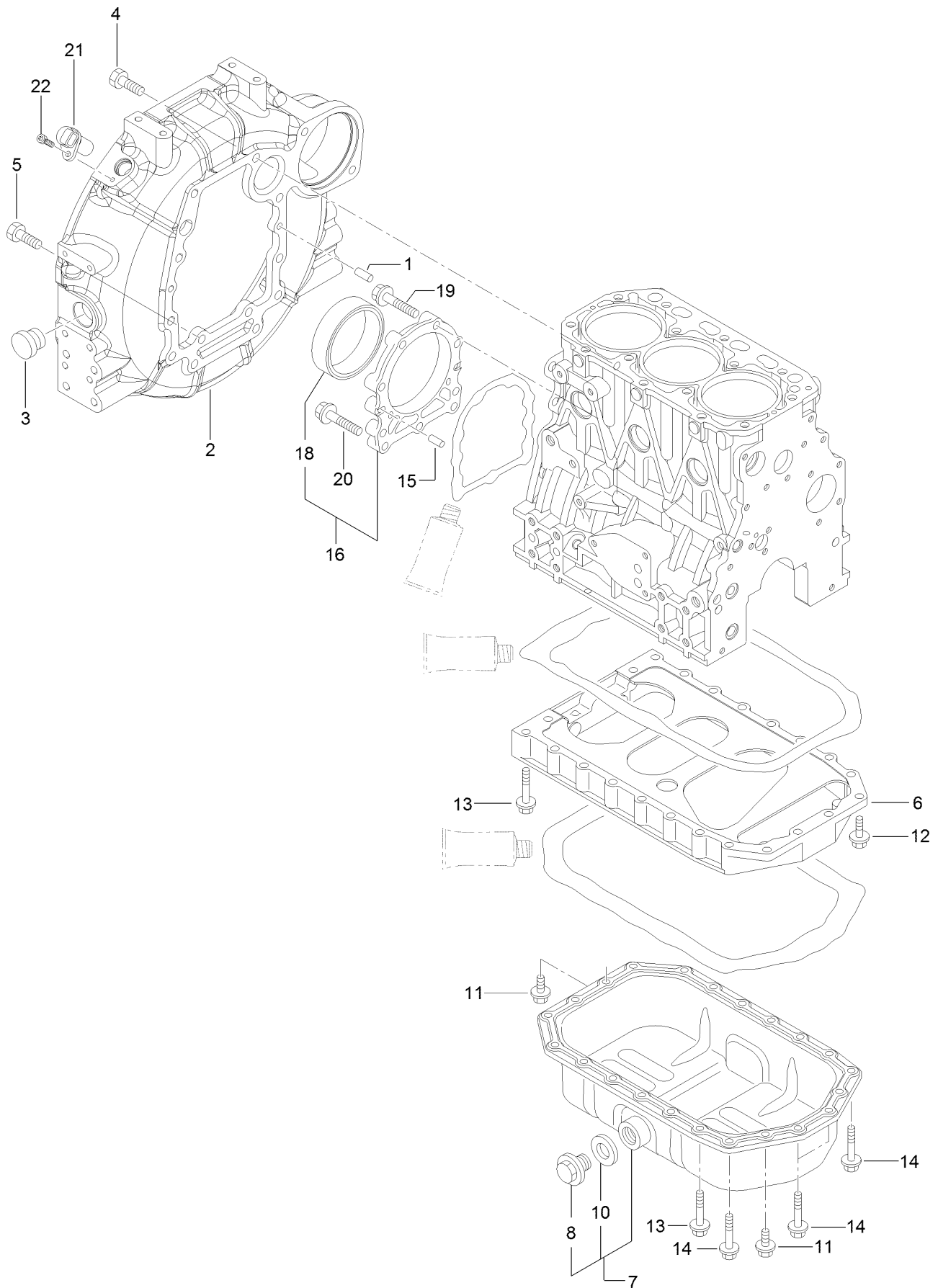


## Gear Housing Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 127-3023           | 1           | Case-Gear          |
| 2           | 125-6995           | 2           | Pin                |
| 3           | 125-6972           | 1           | Cover-Filler       |
| 4           | 125-7107           | 2           | Pipe               |
| 5           | 125-6909           | 2           | O-Ring             |
| 6           | 127-2973           | 1           | O-Ring             |
| 7           | 125-7197           | 1           | O-Ring             |
| 8           | 125-7214           | 3           | Bolt               |
| 9           | 127-3024           | 1           | Gearcase Cover ASM |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 11          | 125-6944           | 1           | Seal-Oil           |
| 12          | 125-6977           | 1           | Cover              |
| 13          | 125-7174           | 1           | Washer-Seal        |
| 14          | 125-7214           | 4           | Bolt               |
| 15          | 125-7217           | 1           | Bolt               |
| 16          | 125-7218           | 7           | Bolt               |
| 17          | 125-7222           | 3           | Bolt               |
| 18          | 125-7224           | 4           | Bolt               |

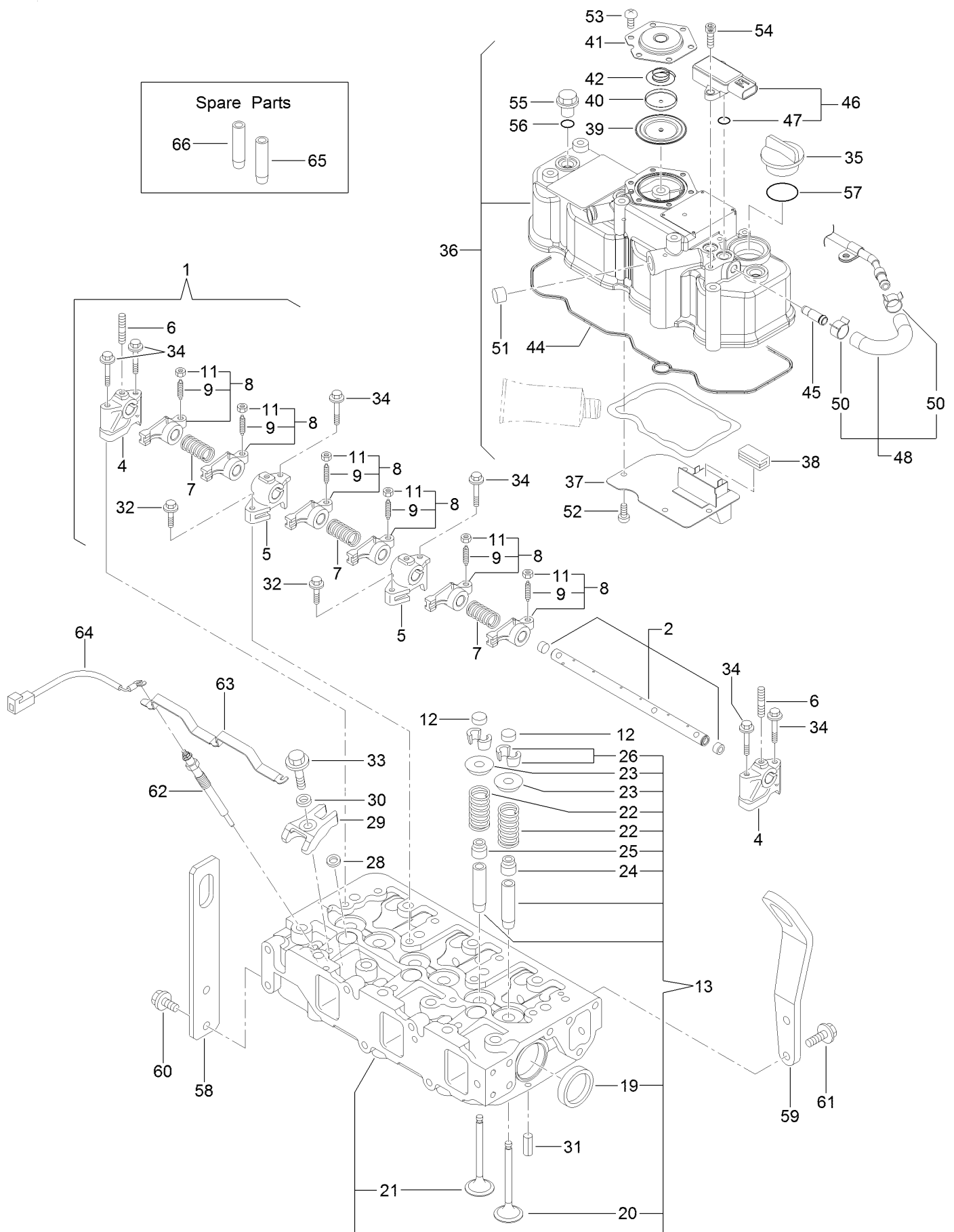
# Flywheel Housing and Oil Sump Assembly



## 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           | 127-3756           | 1           | Spacer             | 18          | 125-7106           | 1           | Seal-Oil             |
| 7           | 131-2706           | 1           | Oil Sump ASM       | 19          | 125-7045           | 6           | Bolt                 |
| 8           | 125-6912           | 1           | Plug-Drain         | 20          | 125-7217           | 3           | Bolt                 |
| 10          | 125-7177           | 1           | Washer-Seal        | 21          | 127-3062           | 1           | Sensor-Rev, Flywheel |
| 11          | 125-7214           | 4           | Bolt               | 22          | 127-3184           | 1           | Bolt                 |

# Cylinder Head and Cover Assembly

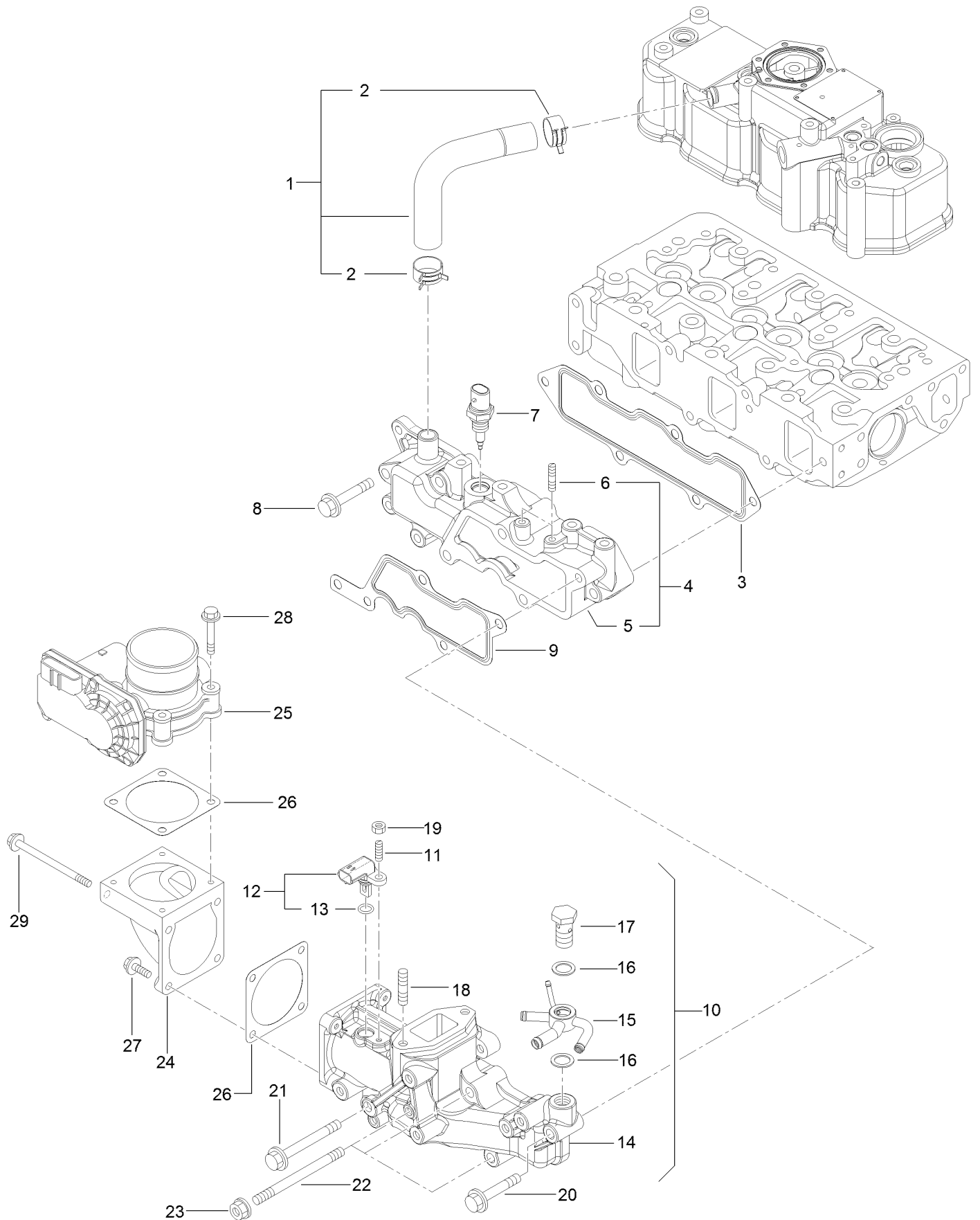




## Cylinder Head and Cover Assembly (continued)

| <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               | 37          | 127-2988           | 1           | Plate                   |
| 2           | 127-3758           | 1           | Shaft                   | 38          | 125-7012           | 1           | Baffle                  |
| 4           | 127-2974           | 2           | Support                 | 39          | 125-6959           | 1           | Diaphragm               |
| 5           | 127-2975           | 2           | Support                 | 40          | 125-6960           | 1           | Plate                   |
| 6           | 127-3759           | 3           | Stud                    | 41          | 125-6961           | 1           | Plate-Breather          |
| 7           | 127-2995           | 3           | Spring                  | 42          | 125-6962           | 1           | Spring-Diaphragm        |
| 8           | 127-2989           | 6           | Arm-Rocker              | 44          | 127-3856           | 1           | Gasket-Head, Cylinder   |
| 9           | 125-7013           | 6           | Screw-Adjust, Valve     | 45          | 127-3026           | 1           | Joint                   |
| 11          | 125-7014           | 6           | Nut                     | 46          | 127-3029           | 1           | Sensor-Pressure         |
| 12          | 127-2996           | 6           | Cap-Valve               | 47          | 127-3032           | 2           | O Ring-Sensor, Pressure |
| 13          | 127-4720           | 1           | Cylinder Head ASM       | 48          | 127-3040           | 1           | Hose ASM                |
| 19          | 125-7240           | 2           | Plug                    | 50          | 127-3041           | 2           | Clip-Hose               |
| 20          | 127-2990           | 3           | Valve                   | 51          | 125-6913           | 1           | Plug                    |
| 21          | 127-4710           | 3           | Valve                   | 52          | 125-7186           | 4           | Screw                   |
| 22          | 127-3012           | 6           | Spring                  | 53          | 125-7186           | 6           | Screw                   |
| 23          | 127-3013           | 6           | Retainer-Spring         | 54          | 127-3184           | 2           | Bolt                    |
| 24          | 127-2986           | 3           | Seal-Stem, Valve        | 55          | 125-6974           | 3           | Knob                    |
| 25          | 127-3027           | 3           | Seal-Stem, Valve        | 56          | 93-0418            | 3           | O-Ring                  |
| 26          | 127-3186           | 6           | Pin-Cotter              | 57          | 125-7197           | 1           | O-Ring                  |
| 28          | 127-3021           | 3           | Gasket-Injector         | 58          | 131-2707           | 1           | Lifter                  |
| 29          | 127-3028           | 3           | Retainer-Injector       | 59          | 131-2715           | 1           | Lifter-Engine           |
| 30          | 127-2980           | 3           | Washer-Injector         | 60          | 125-7214           | 2           | Bolt                    |
| 31          | 125-7184           | 2           | Pin-Spring              | 61          | 125-7595           | 2           | Bolt                    |
| 32          | 125-7215           | 2           | Bolt                    | 62          | 127-2991           | 3           | Plug-Glow               |
| 33          | 125-7217           | 3           | Bolt                    | 63          | 127-3768           | 1           | Connector-Plug, Glow    |
| 34          | 125-7220           | 6           | Bolt                    | 64          | 131-2704           | 1           | Harness-Wire            |
| 35          | 125-6972           | 1           | Cover-Filler            | 65          | 127-2979           | 3           | Guide                   |
| 36          | 127-4719           | 1           | Cylinder Head Cover ASM | 66          | 127-2997           | 3           | Guide-Valve             |

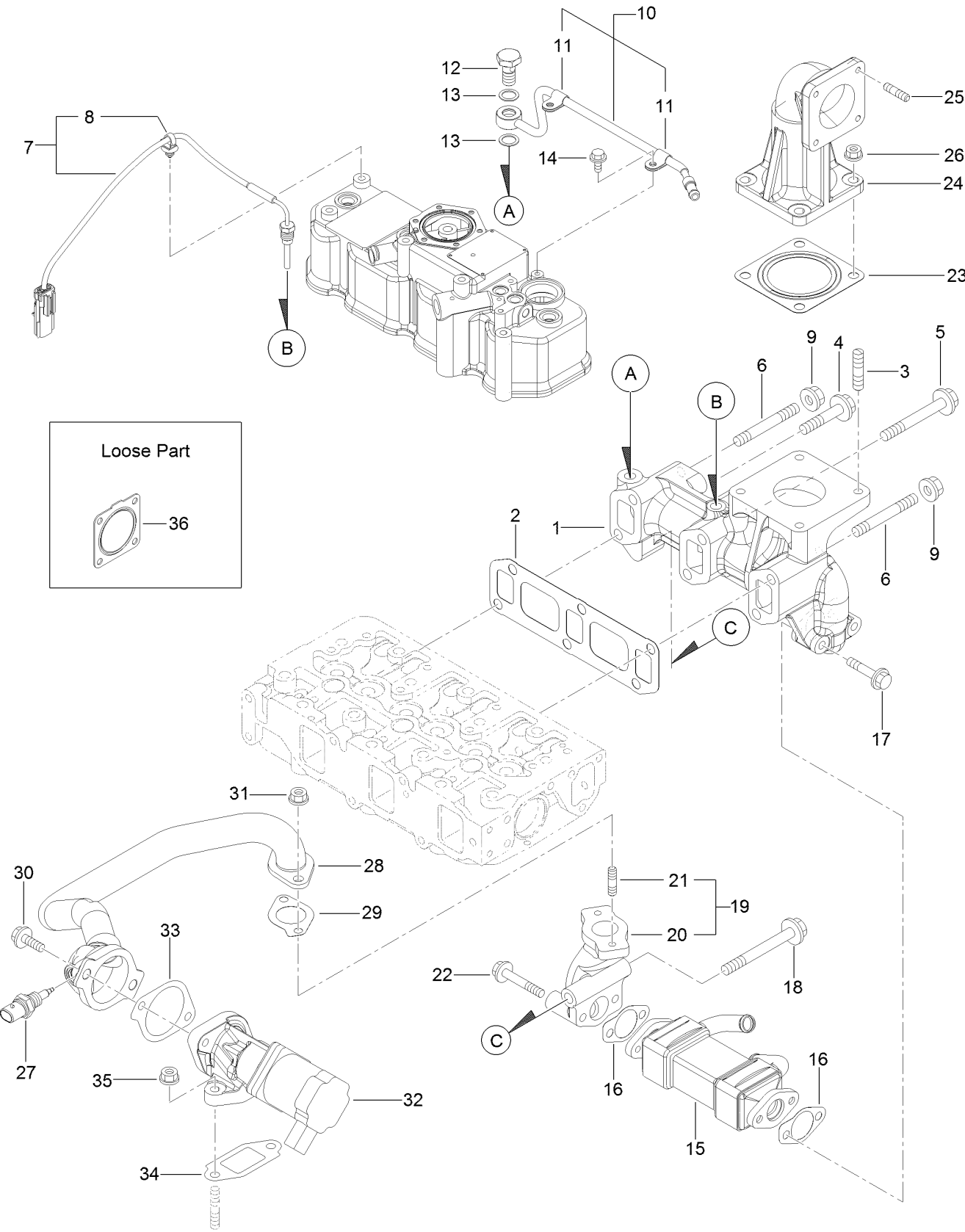
# Suction Manifold Assembly



## 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          | 127-3166           | 2           | Washer-Seal        |
| 2           | 125-7040           | 2           | Clip-Hose               | 17          | 131-2738           | 2           | Bolt-Joint, 8      |
| 3           | 127-3857           | 1           | Gasket-Manifold, Intake | 18          | 127-4774           | 2           | Stud               |
| 4           | 127-4722           | 1           | Intake Manifold ASM     | 19          | 127-4775           | 2           | Nut                |
| 5           | 127-4721           | 2           | 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           | 1           | Stud               |
| 8           | 125-7220           | 1           | Bolt                    | 23          | 125-7229           | 1           | Nut                |
| 9           | 127-3034           | 1           | Gasket-Collector        | 24          | 127-3035           | 1           | Bend-Inlet         |
| 10          | 131-2716           | 1           | Intake Collector ASM    | 25          | 127-3036           | 1           | Body-Throttle      |
| 11          | 127-4701           | 2           | Stud                    | 26          | 127-3037           | 1           | Gasket-Throttle    |
| 12          | 127-3030           | 2           | Sensor-Temp, Air        | 27          | 125-7209           | 1           | Bolt               |
| 13          | 127-3033           | 3           | O-Ring                  | 28          | 125-7211           | 1           | Bolt               |
| 14          | 127-4724           | 2           | Collector-Intake        | 29          | 127-3177           | 1           | Bolt               |
| 15          | 131-2729           | 2           | Joint-Hose, 4 Way       |             |                    |             |                    |

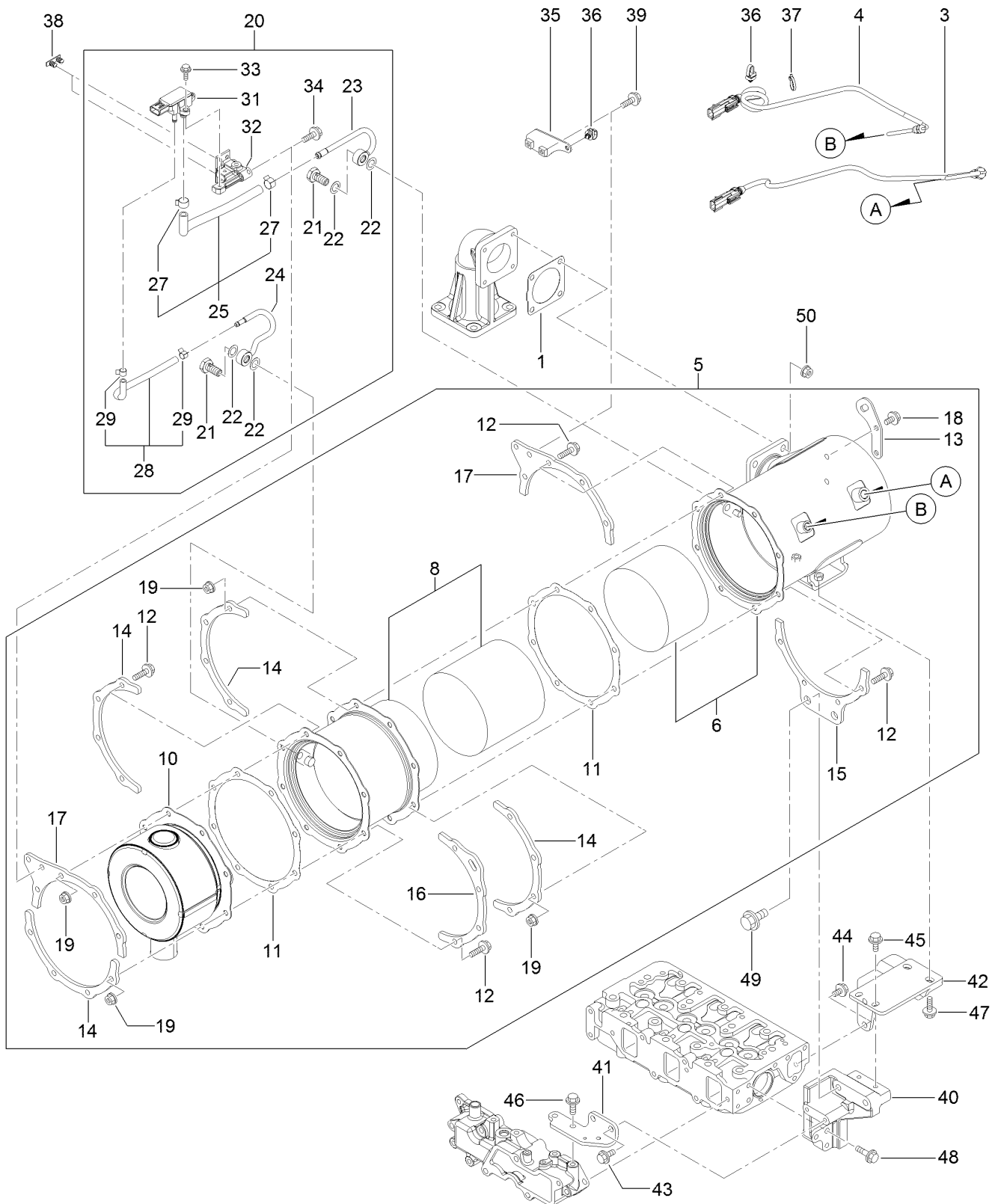
# Exhaust Manifold Assembly



## Exhaust Manifold Assembly (continued)

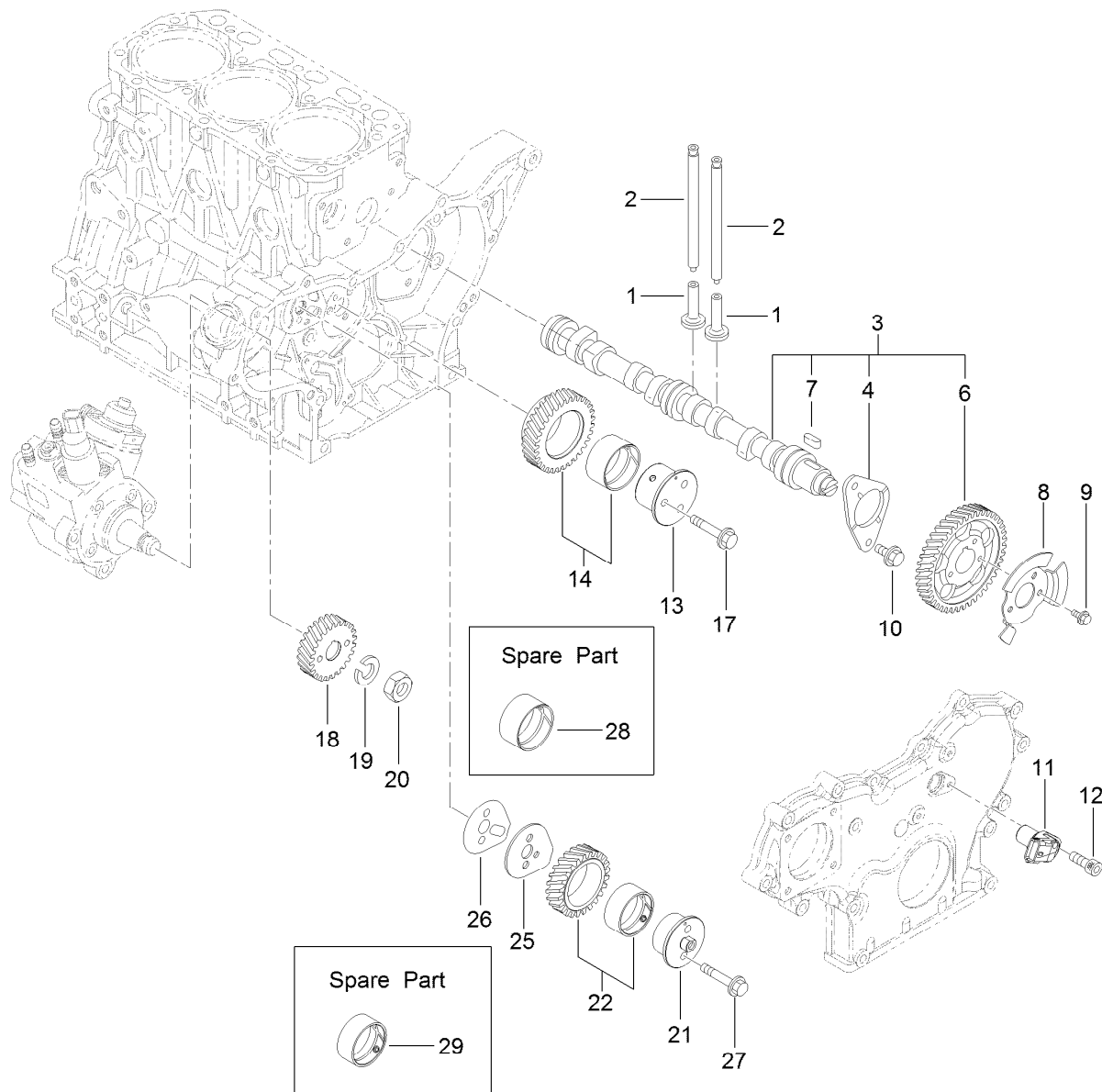
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>         |
|-------------|--------------------|-------------|--------------------------|-------------|--------------------|-------------|----------------------------|
| 1           | 127-4726           | 1           | Manifold-Exhaust         | 19          | 127-3048           | 1           | E G R Pipe ASM             |
| 2           | 127-3775           | 1           | Gasket-Manifold, Exhaust | 20          | 127-3049           | 1           | Pipe-Out, E G R            |
| 3           | 127-2984           | 4           | Stud                     | 21          | 125-7043           | 2           | Stud                       |
| 4           | 127-3094           | 1           | Bolt                     | 22          | 125-7220           | 2           | Bolt                       |
| 5           | 127-3044           | 3           | Bolt-M10                 | 23          | 127-2987           | 1           | Gasket-Silencer            |
| 6           | 127-4756           | 2           | Stud                     | 24          | 131-2717           | 1           | Pipe-Exhaust               |
| 7           | 127-4729           | 1           | Sensor-Temp, Exhaust     | 25          | 125-6906           | 4           | Stud                       |
| 8           | 127-3087           | 1           | Band-Clip                | 26          | 125-7230           | 4           | Nut                        |
| 9           | 125-7230           | 2           | Nut                      | 27          | 127-3047           | 1           | Sensor-Gas Temp, E G R     |
| 10          | 127-3038           | 1           | Exhaust Pipe ASM         | 28          | 127-3780           | 1           | E G R Pipe ASM             |
| 11          | 127-3173           | 2           | Clamp                    | 29          | 127-3016           | 1           | Gasket                     |
| 12          | 127-3039           | 1           | Bolt-Joint, Pipe         | 30          | 125-7215           | 2           | Bolt                       |
| 13          | 127-3174           | 2           | Gasket                   | 31          | 125-7229           | 2           | Nut                        |
| 14          | 125-7206           | 2           | Bolt                     | 32          | 127-3781           | 1           | Valve-E G R                |
| 15          | 127-3042           | 1           | Cooler-E G R             | 33          | 127-3050           | 1           | Gasket-Intake Valve, E G R |
| 16          | 127-3043           | 2           | Gasket-Cooler, E G R     | 34          | 127-3051           | 1           | Gasket-Out Valve, E G R    |
| 17          | 127-2976           | 2           | Bolt                     | 35          | 125-7229           | 2           | Nut                        |
| 18          | 127-3022           | 1           | Bolt-Flange              | 36          | 127-3019           | 1           | Gasket                     |

# Diesel Particulate Filter Assembly



## Diesel Particulate Filter Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|----------------------|-------------|--------------------|-------------|------------------------|
| 1           | 127-3019           | 1           | Gasket               | 28          | 131-2726           | 1           | Exhaust Press Hose ASM |
| 3           | 131-2718           | 1           | Sensor-Temp, Exhaust | 29          | 127-3058           | 2           | Clip-Hose              |
| 4           | 131-2719           | 1           | Sensor-Temp, Exhaust | 31          | 127-3060           | 1           | Sensor-Pressure        |
| 5           | 131-2730           | 1           | D P F ASM            | 32          | 127-4750           | 1           | Bracket-Sensor         |
| 6           | 131-2720           | 1           | Case-Doc             | 33          | 125-7208           | 2           | Bolt                   |
| 8           | 127-4734           | 1           | Case-Filter, Soot    | 34          | 125-7595           | 2           | Bolt                   |
| 10          | 127-3786           | 1           | Silencer-D P F       | 35          | 131-2727           | 1           | Bracket-Harness        |
| 11          | 127-3859           | 2           | Gasket-D P F         | 36          | 127-3087           | 2           | Band-Clip              |
| 12          | 127-3055           | 16          | Bolt                 | 37          | 127-3124           | 1           | Band                   |
| 13          | 127-3788           | 1           | Lifter-D P F         | 38          | 127-3088           | 2           | Clip-Connector         |
| 14          | 127-3789           | 4           | Stiffener-D P F, A   | 39          | 125-7595           | 2           | Bolt                   |
| 15          | 131-2721           | 1           | Stiffener-D P F, B   | 40          | 131-2723           | 1           | Stay-D P F, A          |
| 16          | 127-3792           | 1           | Stiffener-D P F, C   | 41          | 131-2724           | 1           | Support-Stay, D P F    |
| 17          | 127-4736           | 2           | Stiffener-D P F, C   | 42          | 131-2725           | 1           | Stay-D P F, B          |
| 18          | 125-7213           | 2           | Bolt                 | 43          | 125-7214           | 2           | Bolt                   |
| 19          | 125-7229           | 16          | Nut                  | 44          | 125-7214           | 2           | Bolt                   |
| 20          | 131-2722           | 1           | Pressure Sensor Unit | 45          | 125-7214           | 2           | Bolt                   |
| 21          | 127-3039           | 2           | Bolt-Joint, Pipe     | 46          | 125-7595           | 2           | Bolt                   |
| 22          | 127-3056           | 4           | Gasket-Sensor        | 47          | 125-7215           | 2           | Bolt                   |
| 23          | 127-4744           | 1           | Sensor Pipe ASM      | 48          | 125-7216           | 3           | Bolt                   |
| 24          | 127-4745           | 1           | Sensor Pipe ASM      | 49          | 131-2741           | 2           | Bolt-Plated, M12X 20   |
| 25          | 127-3114           | 1           | Exhaust Hose ASM     | 50          | 125-7229           | 4           | Nut                    |
| 27          | 127-3057           | 2           | Clip-Hose            |             |                    |             |                        |

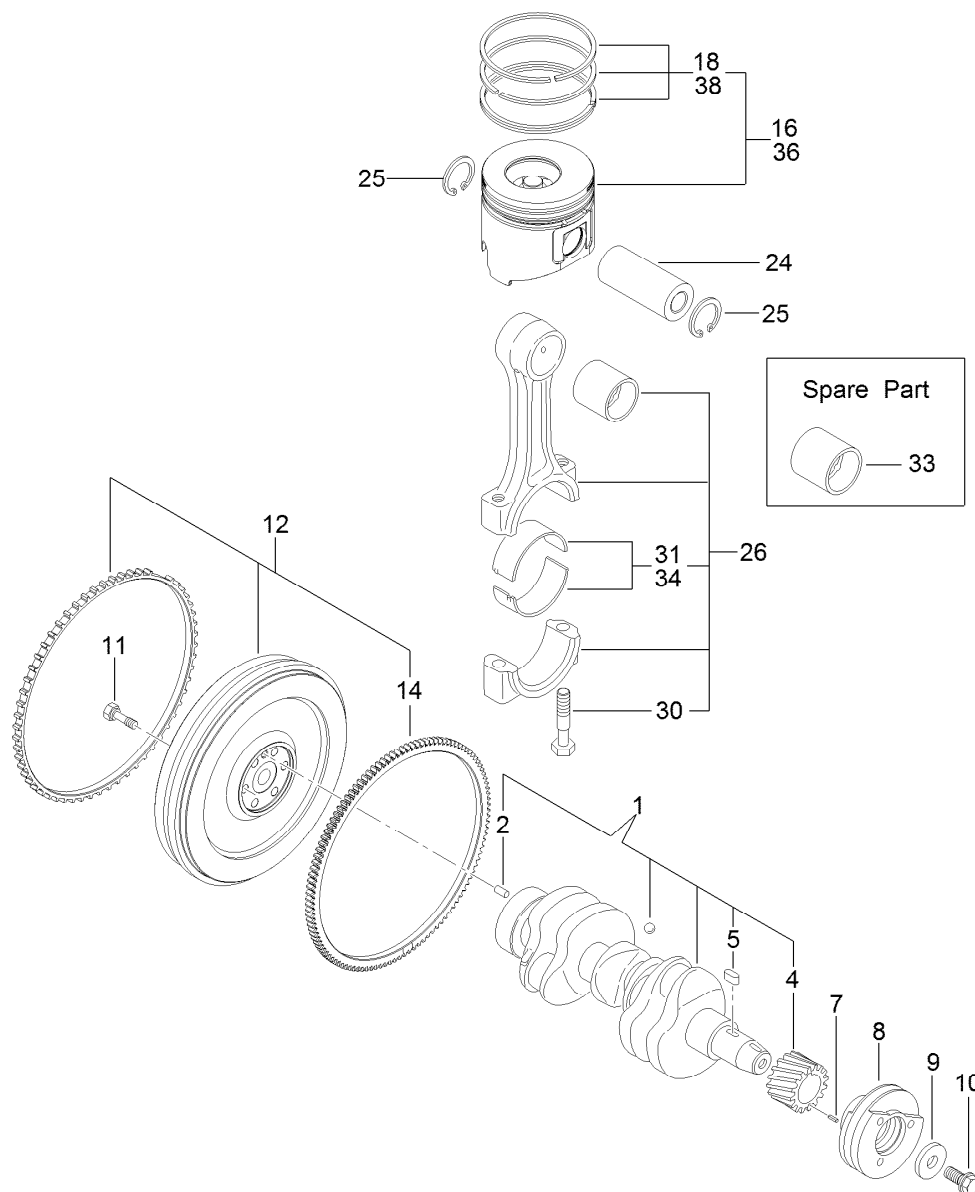


## Camshaft and Driving Gear Assembly

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

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



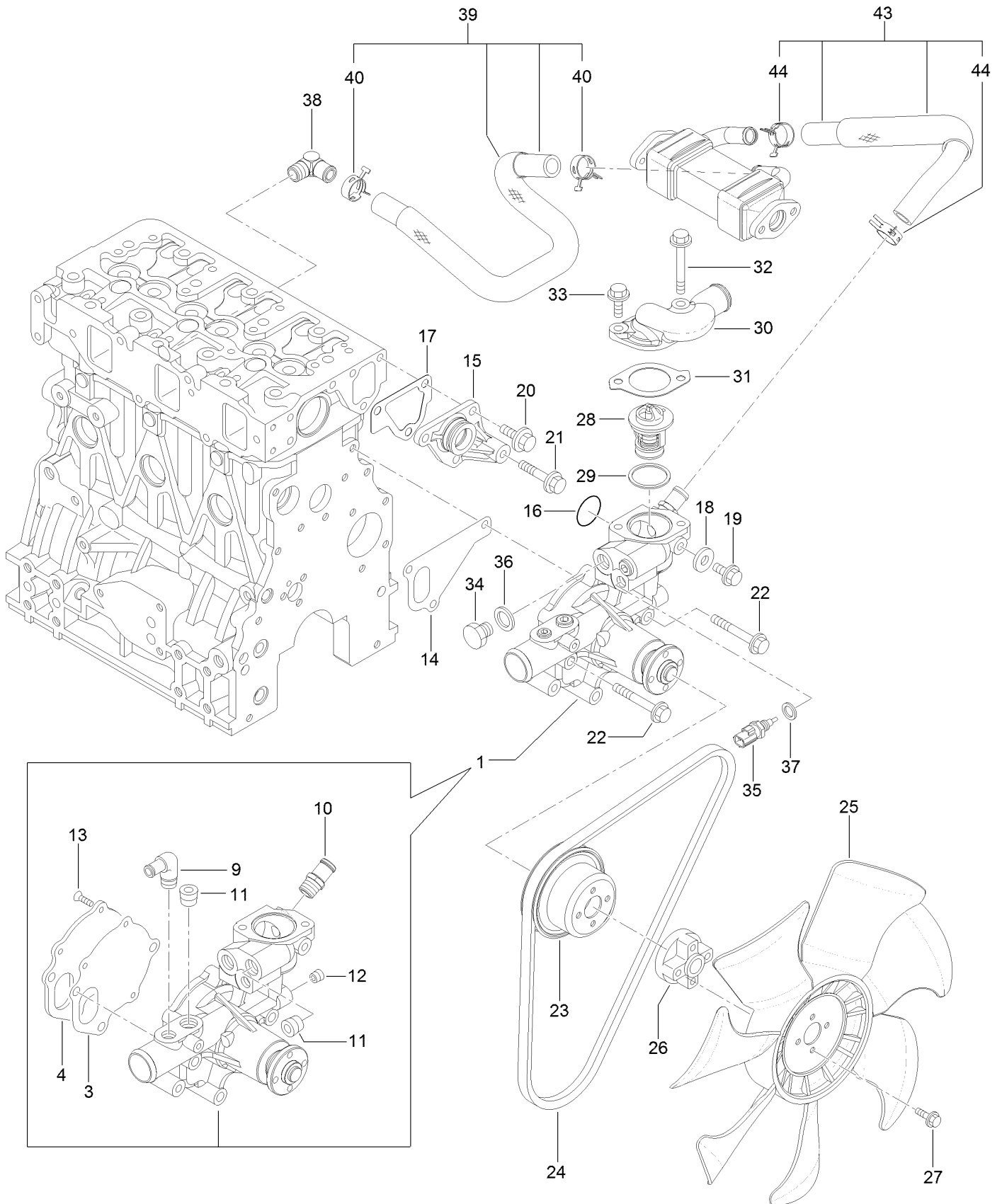


## Crankshaft and Piston Assembly

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

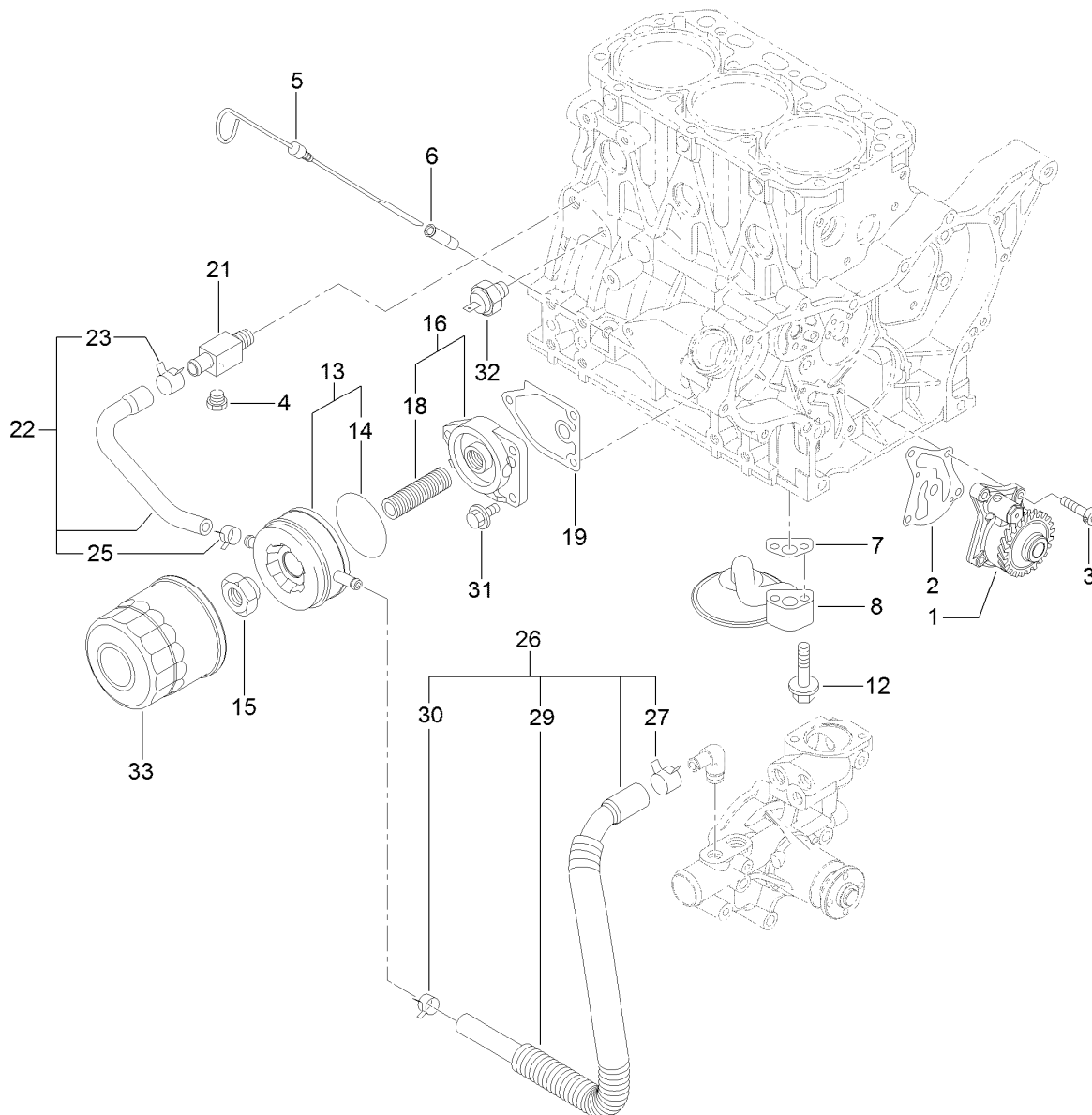
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 16   | 127-4766    | 3    | Piston ASM            |
| 18   | 127-4751    | 3    | Piston Ring ASM       |
| 24   | 125-7030    | 3    | Pin                   |
| 25   | 125-7180    | 6    | Ring                  |
| 26   | 125-7242    | 3    | Connecting Rod ASM    |
| 30   | 125-6955    | 6    | Bolt                  |
| 31   | 125-7018    | 3    | Pin-Crank             |
| 33   | 125-6997    | 3    | Pin-Piston            |
| 34   | 125-7019    | 3    | Pin-Crank (.25)       |
| 36   | 127-4767    | 3    | Piston ASM (0.25 O S) |
| 38   | 127-4752    | 3    | Ring Set (0.25 O S)   |

# Cooling Water System Assembly



## Cooling Water System Assembly (continued)

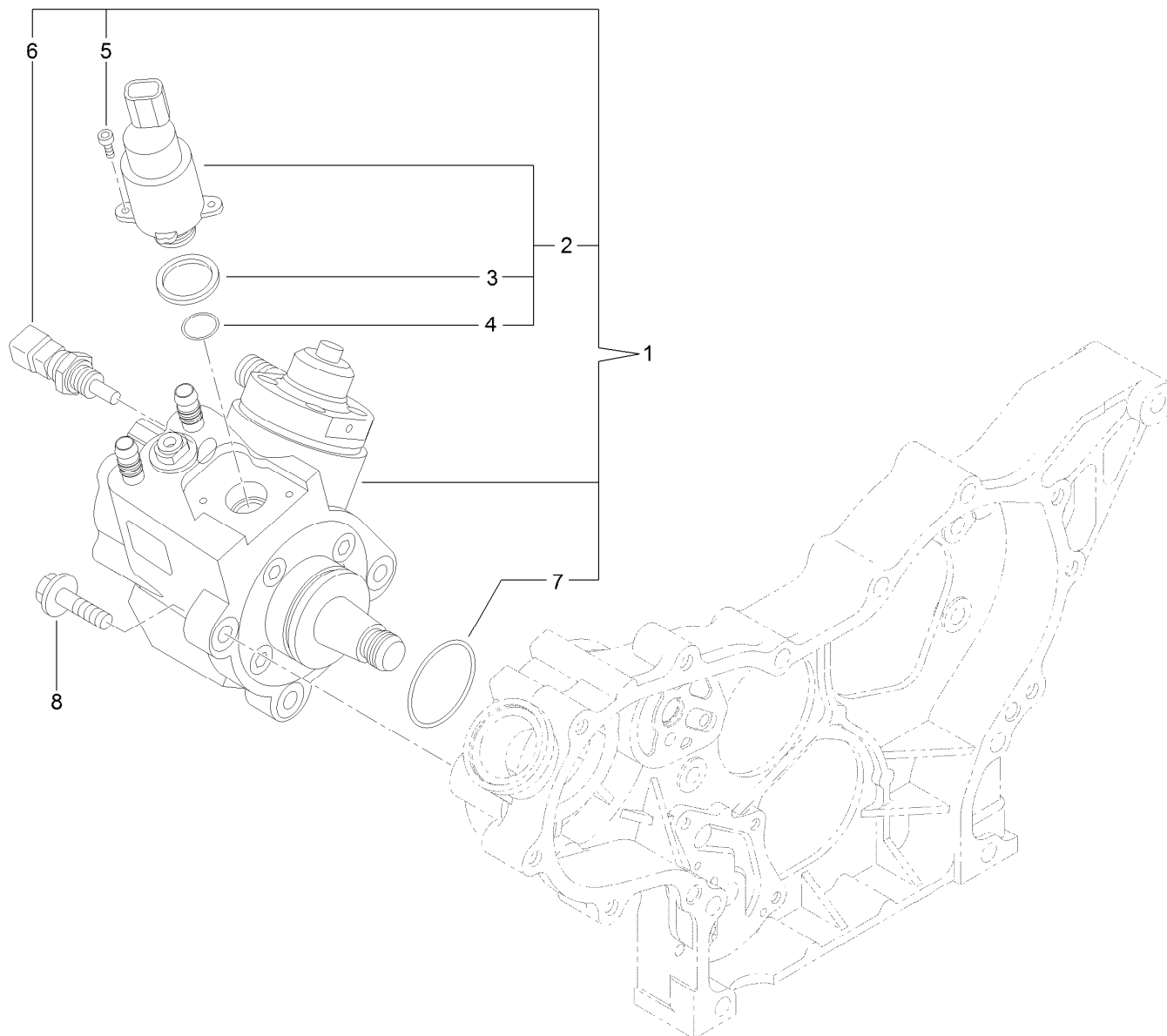
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|-----------------------|
| 1           | 131-2714           | 1           | Water Pump ASM     | 25          | 127-4702           | 1           | Fan                   |
| 3           | 125-6998           | 1           | Gasket             | 26          | 131-2705           | 1           | Spacer                |
| 4           | 125-6999           | 1           | Plate              | 27          | 131-2739           | 4           | Bolt                  |
| 9           | 125-7001           | 1           | Elbow              | 28          | 125-7029           | 1           | Thermostat            |
| 10          | 127-3017           | 1           | Joint              | 29          | 125-7026           | 1           | Gasket                |
| 11          | 125-7123           | 2           | Plug               | 30          | 131-2728           | 1           | Cover-Thermostat      |
| 12          | 125-7195           | 1           | Plug               | 31          | 125-7110           | 1           | Gasket                |
| 13          | 125-7234           | 3           | Screw              | 32          | 125-7594           | 1           | Bolt                  |
| 14          | 125-7047           | 1           | Gasket             | 33          | 125-7220           | 1           | Bolt                  |
| 15          | 125-6986           | 1           | Joint              | 34          | 125-6953           | 1           | Plug                  |
| 16          | 125-7048           | 1           | O-Ring             | 35          | 125-7124           | 1           | Sensor-Thermostat, CW |
| 17          | 125-6978           | 1           | Gasket             | 36          | 125-6979           | 1           | Gasket                |
| 18          | 125-7192           | 1           | Gasket             | 37          | 125-7176           | 1           | Washer-Seal           |
| 19          | 125-7212           | 1           | Bolt               | 38          | 127-4705           | 1           | Elbow                 |
| 20          | 125-7214           | 3           | Bolt               | 39          | 127-4757           | 1           | E G R-C Pipe ASM      |
| 21          | 125-7219           | 1           | Bolt               | 40          | 127-3020           | 2           | Clip-Hose             |
| 22          | 125-7222           | 3           | Bolt               | 43          | 127-3811           | 1           | CW Pipe ASM           |
| 23          | 127-4712           | 1           | V-Pulley           | 44          | 127-3020           | 2           | Clip-Hose             |
| 24          | 127-4771           | 1           | V-Belt             |             |                    |             |                       |



## Lubrication and Oil System Assembly

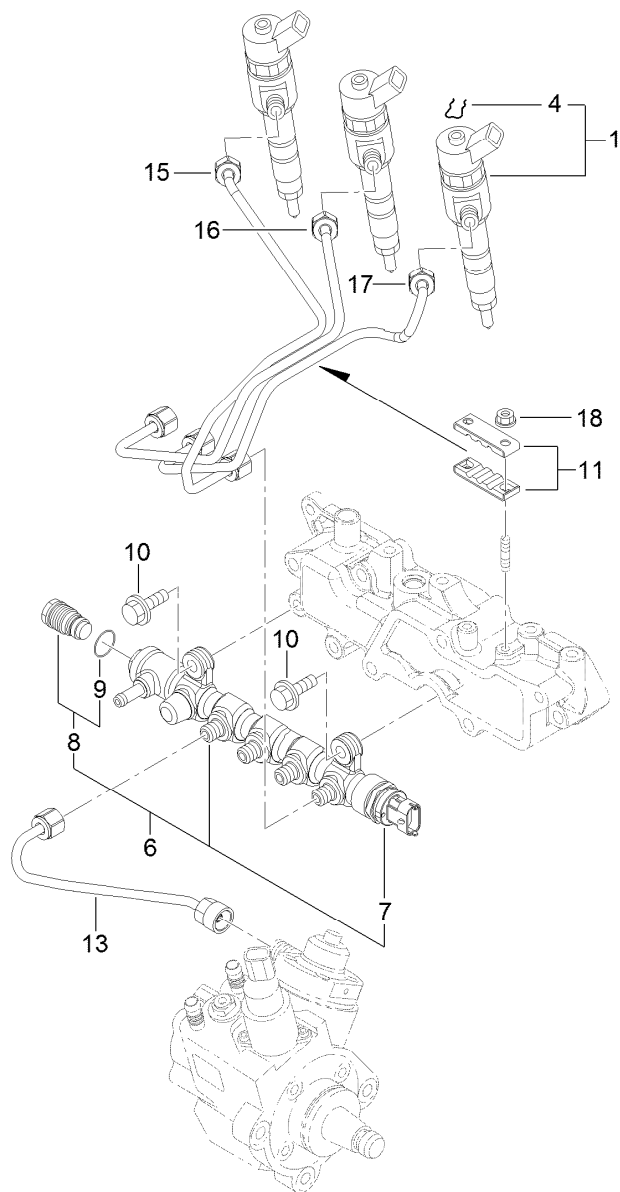
| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 127-4753    | 1    | Oil Pump ASM    |
| 2    | 127-3004    | 1    | Gasket          |
| 3    | 125-7232    | 4    | Bolt            |
| 4    | 125-7171    | 1    | Plug-Drain      |
| 5    | 125-6987    | 1    | Dipstick        |
| 6    | 125-6954    | 1    | Guide-Dipstick  |
| 7    | 125-7022    | 1    | Gasket          |
| 8    | 125-7023    | 1    | Pipe ASM        |
| 12   | 125-7217    | 2    | Bolt            |
| 13   | 125-7074    | 1    | Cooler ASM      |
| 14   | 125-7075    | 1    | O-Ring          |
| 15   | 125-7041    | 1    | Nut-Cooler, Oil |
| 16   | 125-6989    | 1    | Bracket ASM     |

| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 18   | 125-7042    | 1    | Stud          |
| 19   | 125-7024    | 1    | Gasket        |
| 21   | 125-6990    | 1    | Joint         |
| 22   | 125-7078    | 1    | Pipe ASM      |
| 23   | 125-7162    | 1    | Clip          |
| 25   | 125-7191    | 1    | Clamp-Hose    |
| 26   | 127-3804    | 1    | Pipe ASM      |
| 27   | 125-7162    | 1    | Clip          |
| 29   | 127-3805    | 1    | Tube          |
| 30   | 125-7191    | 1    | Clamp-Hose    |
| 31   | 125-7595    | 3    | Bolt          |
| 32   | 125-6918    | 1    | Switch-Oil    |
| 33   | 125-7025    | 1    | Filter-Engine |



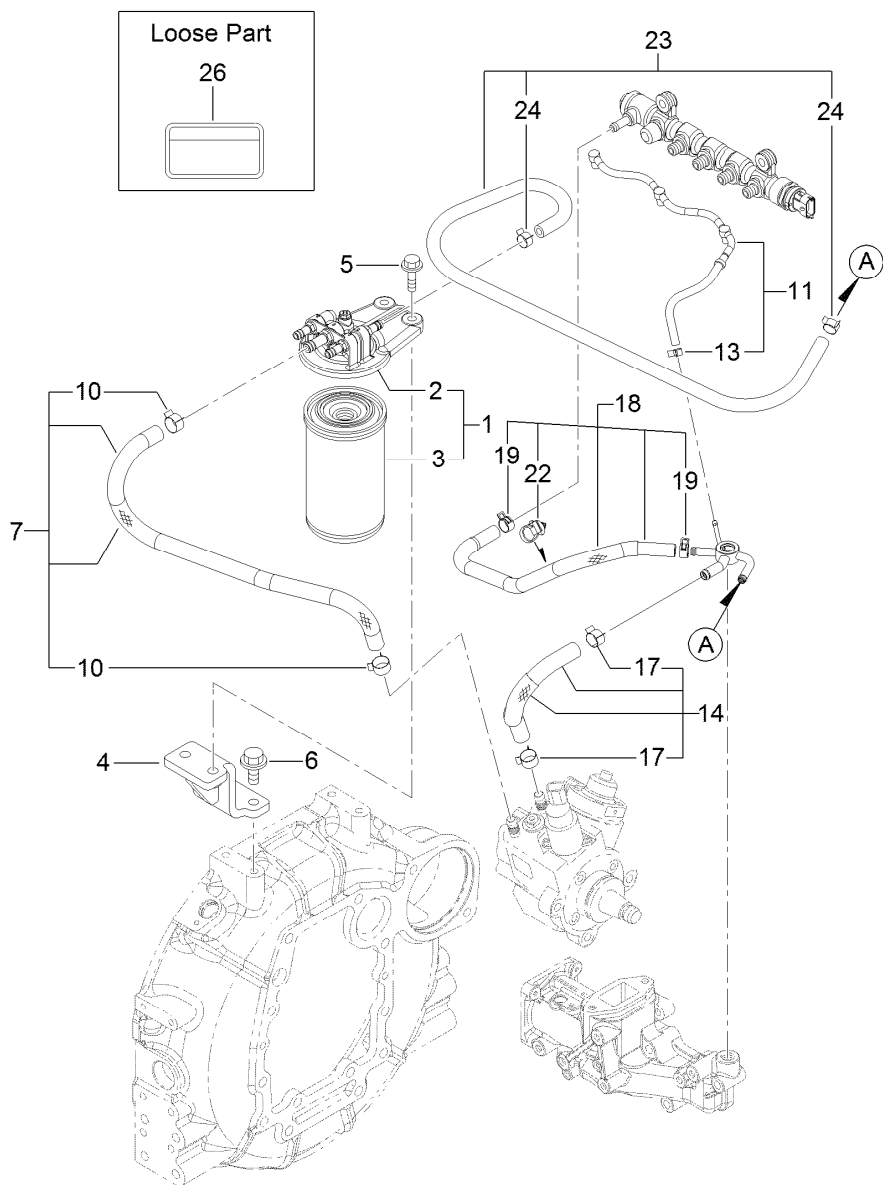
## Fuel System Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 127-3073    | 1    | Fuel Pump ASM      |
| 2    | 131-2103    | 1    | Valve ASM          |
| 3    | 131-2105    | 1    | Ring-Sealing       |
| 4    | 131-2106    | 1    | O-Ring             |
| 5    | 131-2107    | 2    | Bolt               |
| 6    | 131-2108    | 1    | Sensor-Temperature |
| 7    | 127-3074    | 1    | O-Ring             |
| 8    | 125-7216    | 3    | Bolt               |



## Fuel Injection Valve Assembly

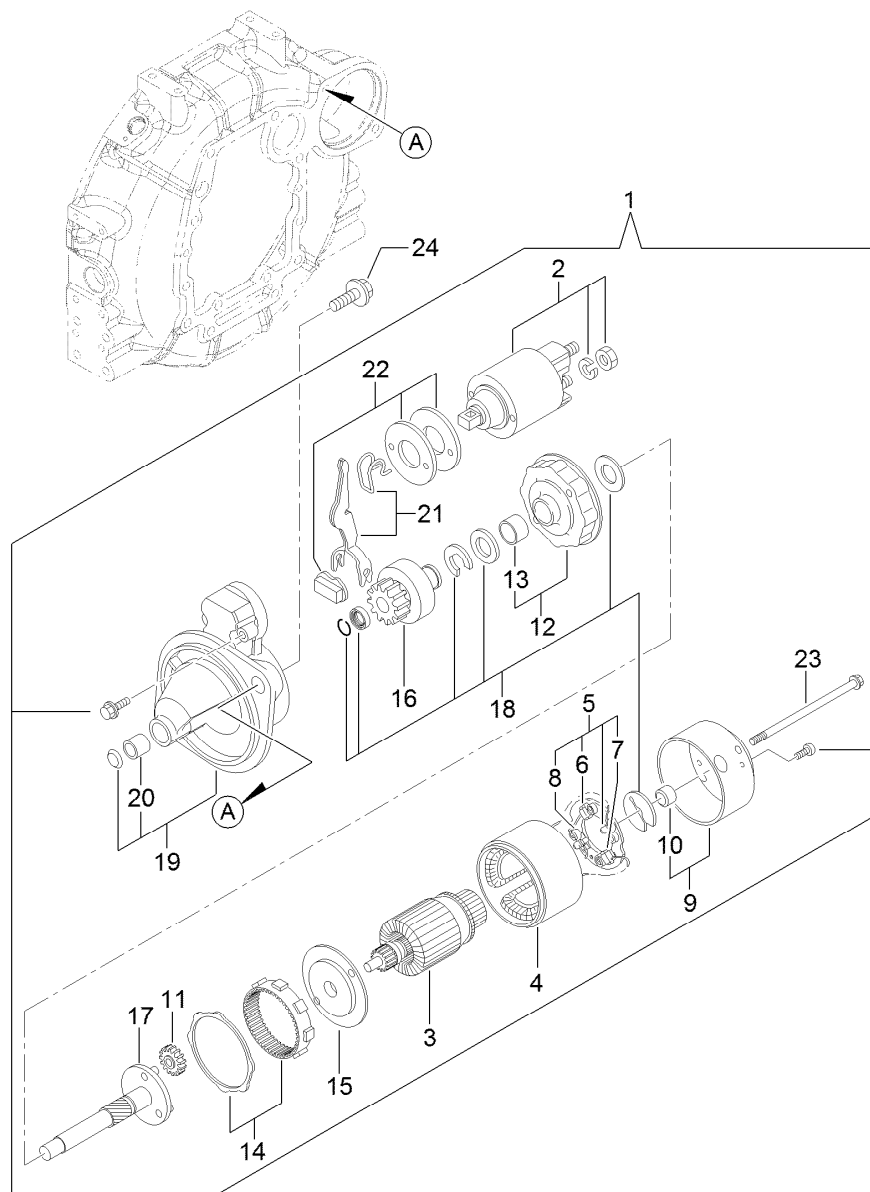
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 127-4754    | 3    | Injector ASM          |
| 4    | 131-2708    | 3    | Ring, Retaining       |
| 6    | 127-3812    | 1    | Rail ASM              |
| 7    | 131-2709    | 1    | Sensor-Pressure, Rail |
| 8    | 131-2710    | 1    | Valve ASM             |
| 9    | 131-2711    | 1    | O-Ring                |
| 10   | 125-7215    | 2    | Bolt                  |
| 11   | 127-3813    | 2    | Retainer              |
| 13   | 127-3082    | 1    | Rail In Pipe ASM      |
| 15   | 127-3814    | 1    | Injection Pipe ASM    |
| 16   | 127-3083    | 1    | Injection Pipe ASM    |
| 17   | 127-3084    | 1    | Injection Pipe ASM    |
| 18   | 125-7231    | 2    | Nut                   |



## Fuel Pipe Assembly

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 127-3075    | 1    | Fuel/Oil Filter ASM         |
| 2    | 127-3076    | 1    | Fuel/Oil Filter Bracket ASM |
| 3    | 125-8752    | 1    | Filter-Fuel/Oil             |
| 4    | 131-2731    | 1    | Bracket-Filter, Fuel        |
| 5    | 125-7216    | 2    | Bolt                        |
| 6    | 131-2740    | 1    | Bolt                        |
| 7    | 131-2732    | 1    | Fuel Pipe ASM               |
| 10   | 125-7191    | 2    | Clamp-Hose                  |
| 11   | 127-3816    | 1    | Fuel/Oil Return Pipe ASM    |

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 13   | 127-3172    | 1    | Clamp-Hose              |
| 14   | 127-3078    | 1    | Fuel Pipe ASM           |
| 17   | 125-7191    | 2    | Clamp-Hose              |
| 18   | 127-3817    | 1    | Fuel Pipe ASM           |
| 19   | 127-2950    | 2    | Clip-Hose               |
| 22   | 127-3087    | 1    | Band-Clip               |
| 23   | 131-2733    | 1    | Fuel Pipe ASM           |
| 24   | 127-2950    | 2    | Clip-Hose               |
| 26   | 125-6900    | 1    | Label-Caution, Fuel Oil |

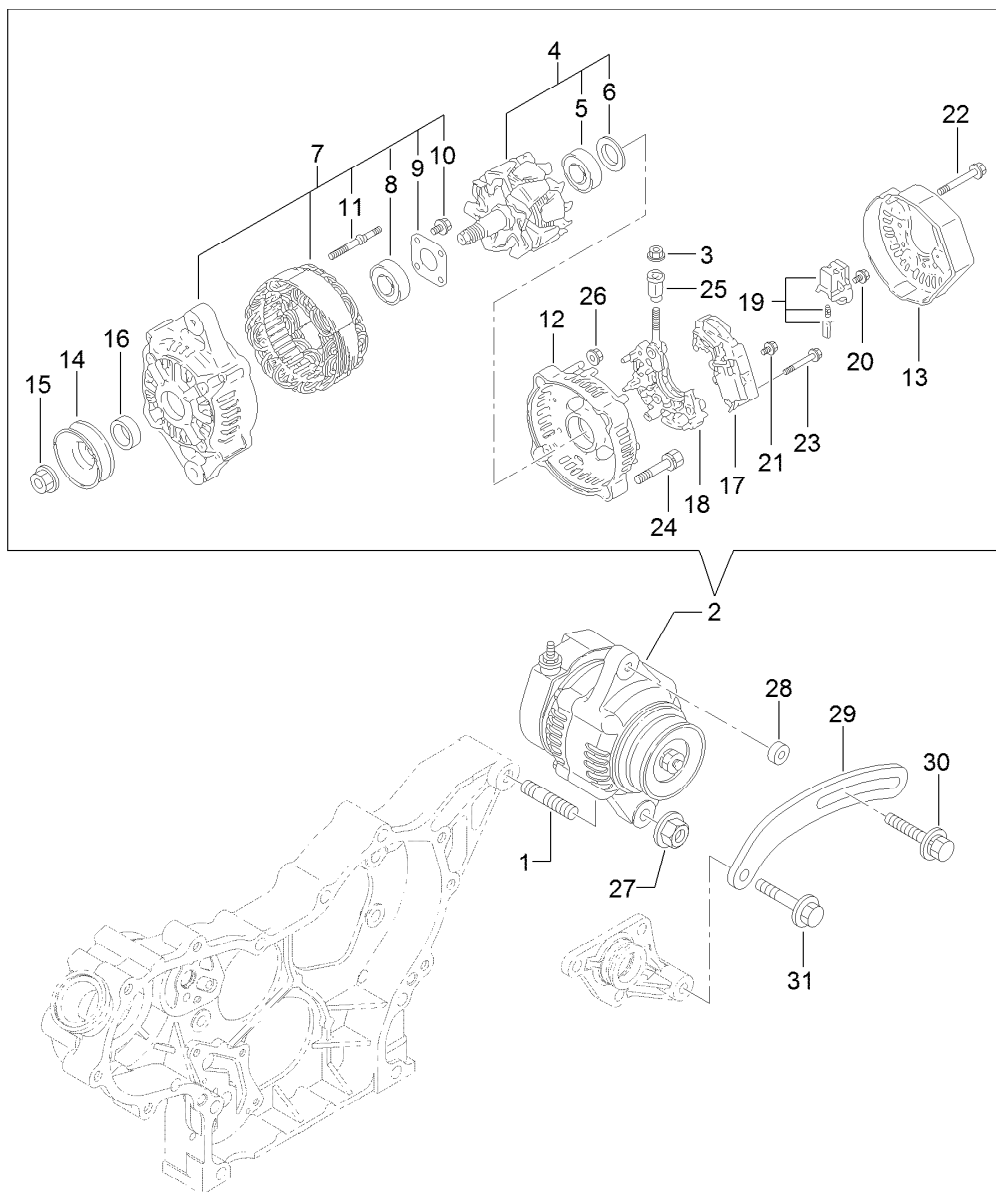


## Starting Motor Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 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          |

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

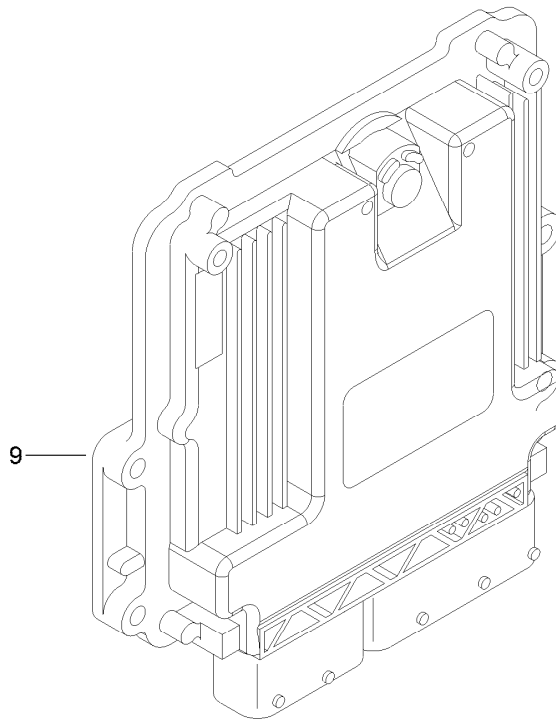




## Generator Assembly

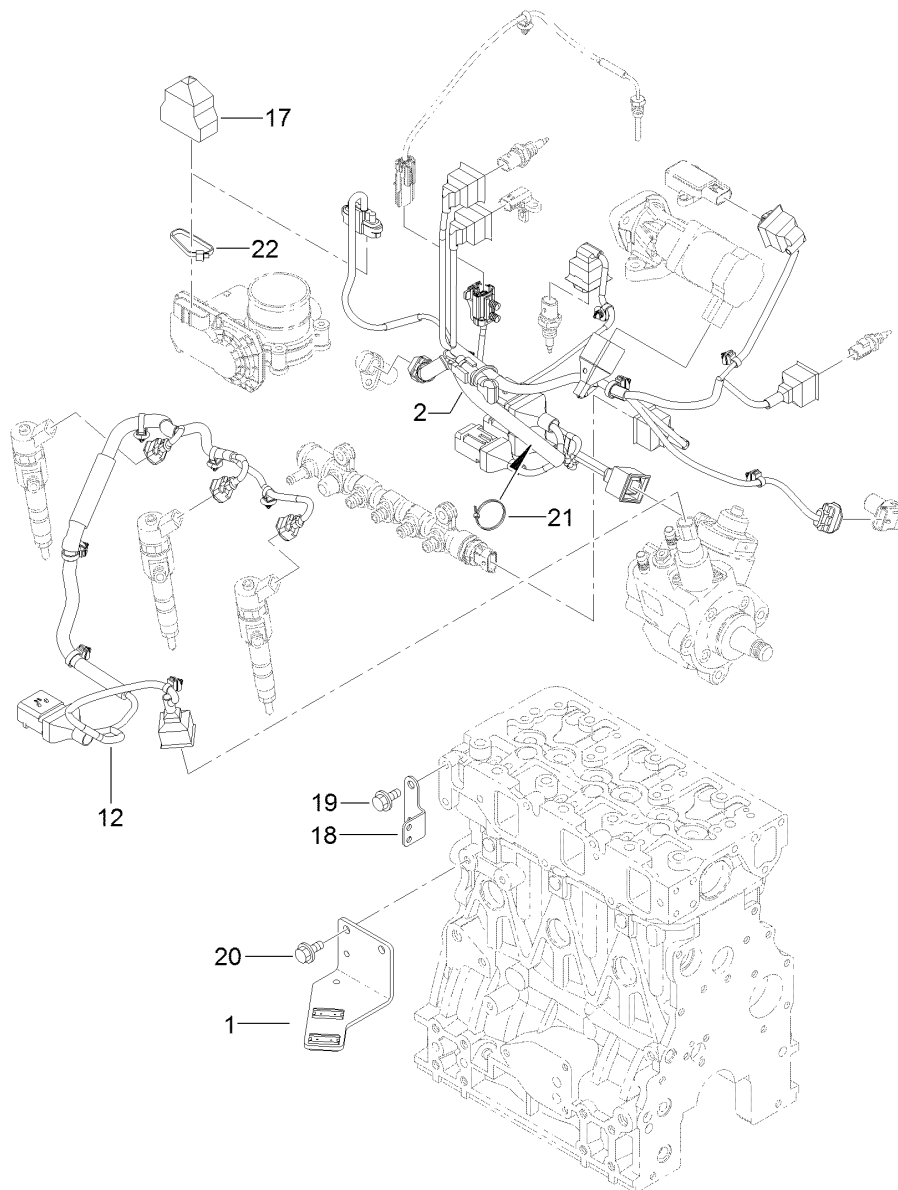
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 1    | 127-3011    | 1    | Stud           |
| 2    | 127-3841    | 1    | Generator      |
| 3    | 127-3190    | 1    | Nut            |
| 4    | 127-3843    | 1    | Rotor ASM      |
| 5    | 127-2983    | 1    | Bearing-Ball   |
| 6    | 127-2962    | 1    | Cover          |
| 7    | 127-3844    | 1    | Frame ASM      |
| 8    | 127-2958    | 1    | Bearing-Ball   |
| 9    | 127-2959    | 1    | Plate-Retainer |
| 10   | 127-2960    | 4    | Screw          |
| 11   | 127-2961    | 2    | Stud           |
| 12   | 127-3845    | 1    | Frame          |
| 13   | 127-3846    | 1    | Cover          |
| 14   | 127-2954    | 1    | Pulley         |
| 15   | 127-2955    | 1    | Nut            |
| 16   | 127-2957    | 1    | Collar         |

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



## Electronic Control Unit Assembly

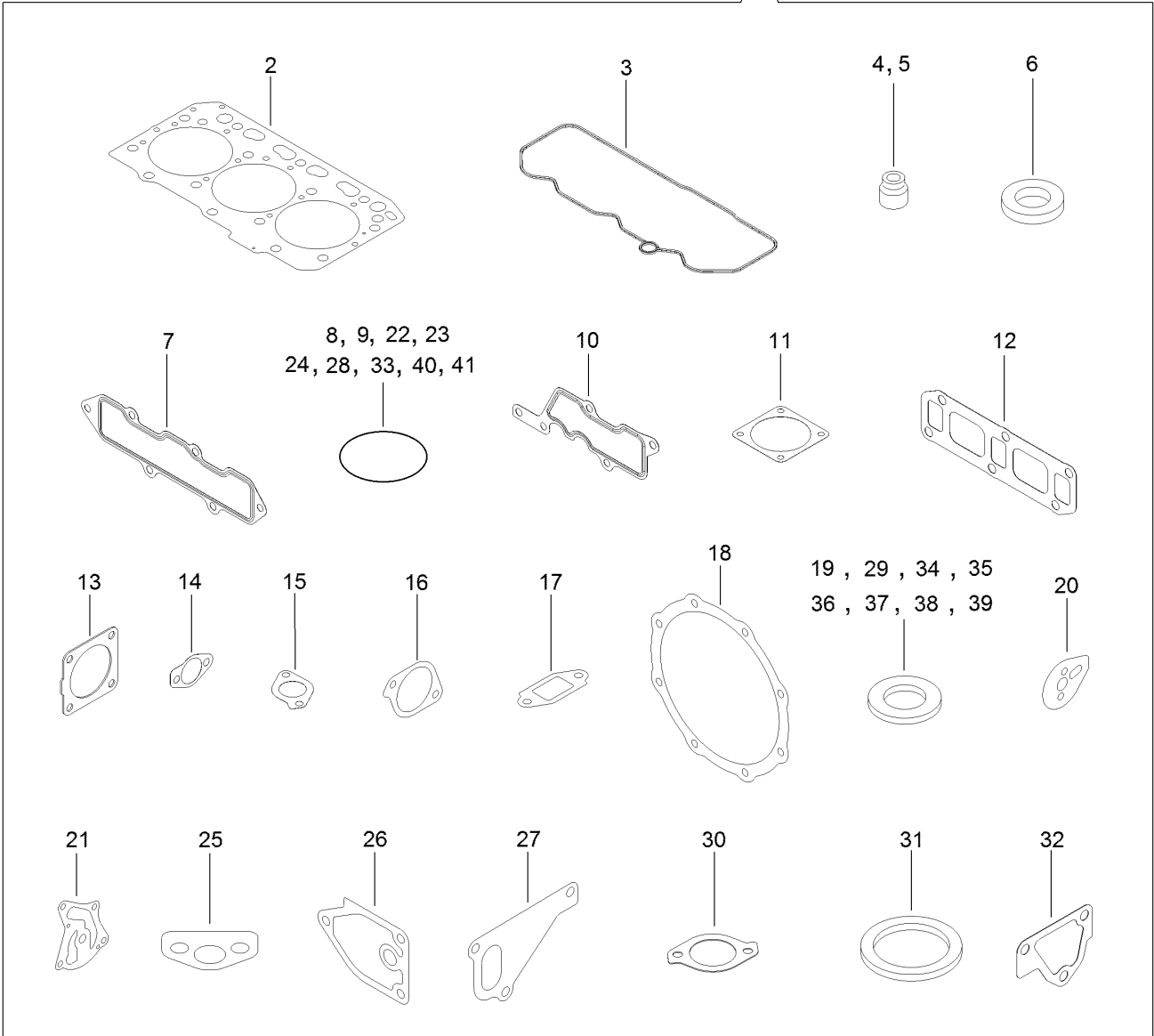
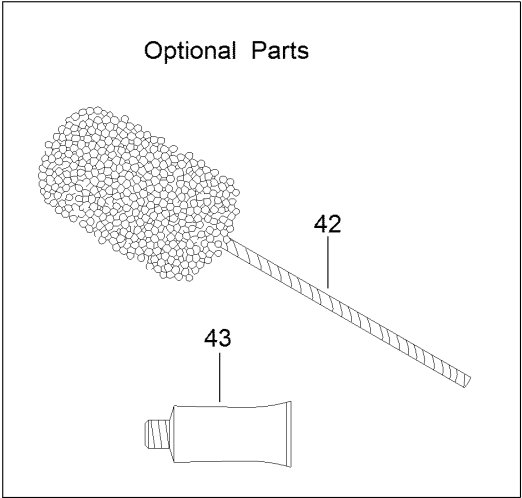
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 9           | 127-3085           | 1           | E C U ASM          |



## Electric Parts Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 131-2735    | 1    | Bracket-Connector |
| 2    | 131-2736    | 1    | Harness-B         |
| 12   | 131-2712    | 1    | Harness           |
| 17   | 131-2713    | 1    | Boot-Cap          |
| 18   | 127-3090    | 1    | Bracket-Harness   |
| 19   | 125-7212    | 2    | Bolt              |
| 20   | 125-7213    | 2    | Bolt              |
| 21   | 127-3187    | 1    | Band              |
| 22   | 127-3188    | 1    | Band              |

# Gasket Set



## Gasket Set (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>         | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|----------------------------|-------------|--------------------|-------------|--------------------|
| 1           | 131-2737           | 1           | Packing                    | 23          | 127-2973           | 1           | O-Ring             |
| 2           | 127-4716           | 1           | Head Gasket ASM            | 24          | 125-7075           | 1           | O-Ring             |
| 3           | 127-3856           | 1           | Gasket-Head, Cylinder      | 25          | 125-7022           | 1           | Gasket             |
| 4           | 127-2986           | 3           | Seal-Stem, Valve           | 26          | 125-7024           | 1           | Gasket             |
| 5           | 127-3027           | 3           | Seal-Stem, Valve           | 27          | 125-7047           | 1           | Gasket             |
| 6           | 127-3021           | 3           | Gasket-Injector            | 28          | 125-7048           | 1           | O-Ring             |
| 7           | 127-3857           | 1           | Gasket-Manifold, Intake    | 29          | 125-6979           | 1           | Gasket             |
| 8           | 127-3032           | 2           | O Ring-Sensor, Pressure    | 30          | 125-7110           | 1           | Gasket             |
| 9           | 127-3033           | 1           | O-Ring                     | 31          | 125-7026           | 1           | Gasket             |
| 10          | 127-3034           | 1           | Gasket-Collector           | 32          | 125-6978           | 1           | Gasket             |
| 11          | 127-3037           | 2           | Gasket-Throttle            | 33          | 127-3074           | 1           | O-Ring             |
| 12          | 127-3775           | 1           | Gasket-Manifold, Exhaust   | 34          | 125-7174           | 1           | Washer-Seal        |
| 13          | 127-2987           | 1           | Gasket-Silencer            | 35          | 125-7176           | 1           | Washer-Seal        |
| 14          | 127-3043           | 2           | Gasket-Cooler, E G R       | 36          | 127-3166           | 2           | Washer-Seal        |
| 15          | 127-3016           | 1           | Gasket                     | 37          | 125-7177           | 1           | Washer-Seal        |
| 16          | 127-3050           | 1           | Gasket-Intake Valve, E G R | 38          | 125-7192           | 1           | Gasket             |
| 17          | 127-3051           | 1           | Gasket-Out Valve, E G R    | 39          | 127-3174           | 2           | Gasket             |
| 18          | 127-3859           | 2           | Gasket-D P F               | 40          | 93-0418            | 3           | O-Ring             |
| 19          | 127-3056           | 4           | Gasket-Sensor              | 41          | 125-7197           | 2           | O-Ring             |
| 20          | 127-3069           | 1           | Gasket-Idle, Shaft B       | 42          | 127-3000           | 1           | Hone               |
| 21          | 127-3004           | 1           | Gasket                     | 43          | 125-7248           | 1           | Gasket-Liquid      |
| 22          | 125-6909           | 2           | O-Ring                     |             |                    |             |                    |

# Attachments and Accessories

## For 31200 Groundsmaster 360 4-Wheel Drive Multi-Purpose Machine

| Product Name                                                                      | Model/Part  |
|-----------------------------------------------------------------------------------|-------------|
| 48in V-Plow.....                                                                  | 30750       |
| Speed Reduction Kit, 2015 and After Groundsmaster 360 Multi-Purpose Machine ..... | 30287       |
| Beacon Kit .....                                                                  | 120-0256    |
| Electrical Accessory Kit .....                                                    | 115-0019    |
| Green Diesel Cap .....                                                            | 107-2172    |
| Registration Plate Kit .....                                                      | 120-6678    |
| Jack Stand Kit.....                                                               | 30579       |
| Hitch Kit .....                                                                   | 130-8716    |
| Tire (23x10.50-12) .....                                                          | 136-5375    |
| Quick Attach Front Frame .....                                                    | 30509       |
| Diagnostic Display Box .....                                                      | 85-4750     |
| 5in Air Cleaner Safety Element.....                                               | 114-4057    |
| Weight Transfer Kit .....                                                         | 120-6683    |
| V-Plow Mounting Kit.....                                                          | 30378       |
| Premium Transmission/Hydraulic Tractor Fluid (55 Gallon Drum).....                | 108-1183    |
| Auxiliary Power Unit.....                                                         | 120-6675    |
| Premium Transmission/Hydraulic Tractor Fluid (5 Gallon Pail) .....                | 108-1184    |
| Winter Attachment Joystick Kit .....                                              | 31219       |
| Winter Enclosure .....                                                            | 31220       |
| Blade-Belt Kit, 72in Side Discharge Deck .....                                    | 105-7272    |
| Atomic Blade Kit (3 Blade Pack) .....                                             | 119-8020    |
| Blade-Rotary, Atomic (24.5in).....                                                | 110-0624-03 |
| Blade-Rotary, Medium Flow (24.5in).....                                           | 110-0621-03 |
| Hardtop Sunshade.....                                                             | 30359       |
| High Lift Collection .....                                                        | 30866       |
| Carrier Frame Asm for High Lift Collection .....                                  | 30869       |
| MVP Filter Kit.....                                                               | 30261       |
| Hydraulic and Electrical Mounting Kit for High Lift Collection.....               | 30801       |
| Parking Stand Kit for High Lift Collection.....                                   | 30818       |
| Light Kit for High Lift Collection .....                                          | 30816       |
| Controller Kit for High Lift Collection .....                                     | 30897       |
| Premium Engine Oil 15w40 (55 Gallon Drum) .....                                   | 121-6394    |
| Premium Engine Oil 15w40 (5 Gallon Pail) .....                                    | 121-6395    |
| Bahiagrass Baffle Kit .....                                                       | 105-7269    |
| Blade-Flat .....                                                                  | 112-9586-03 |
| Hourmeter-Wireless.....                                                           | 115-4754    |
| 72 Inch Rear Discharge Completion Kit .....                                       | 30549       |
| CE Guard Kit.....                                                                 | 30689       |
| Blade-Belt Kit, 72in Guardian Only .....                                          | 105-7271    |
| Road Homologation Light Kit, Non-Cab Unit (Europe) .....                          | 30512       |
| Road Light Kit, Non Cab Unit (North America) .....                                | 30513       |
| Slow Moving Vehicle Sign Kit.....                                                 | 115-0014    |
| 72in Guardian Recycler Completion Kit .....                                       | 30304       |
| 72in Guardian Fine Recycler Completion Kit .....                                  | 30346       |
| Locking Latch .....                                                               | 98-9315     |
| 72in Base Deck.....                                                               | 30353       |

## Attachments and Accessories (continued)

|                                                                                                                                    |             |
|------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Grammer Seat with Air Ride Suspension.....                                                                                         | 30511       |
| Vinyl Backrest Extension Kit .....                                                                                                 | 120-0583    |
| 72in Guardian and Rear Discharge CE Mower Cover Kit.....                                                                           | 30685       |
| Leaf Mulching Kit .....                                                                                                            | 108-5273    |
| 72in Side Discharge Deck.....                                                                                                      | 30481       |
| 72in Side Discharge Mower (CE).....                                                                                                | 30354       |
| CE Kit, 72in Side Deck With French Guards .....                                                                                    | 30679       |
| Adapter Kit, 100in Rear Discharge Mower for 2-Wheel Drive or 2013 and Before 4-Wheel Drive<br>Groundsmaster 360 Traction Unit..... | 31102       |
| 100in Rear Discharge Deck .....                                                                                                    | 31101       |
| Adapter Kit, 100 Inch Rear Discharge Deck for 2014 and After Groundsmaster 360 4-Wheel Drive Traction<br>Unit .....                | 31103       |
| Leaf Mulching Kit for 100in Rear Discharge Deck .....                                                                              | 31105       |
| Standard Blade Kit for 100 Inch Rear Discharge Deck .....                                                                          | 131-3364    |
| 100in CE Mower Cover Kit.....                                                                                                      | 30687       |
| Blade-Combination (19in).....                                                                                                      | 106-7166-03 |
| Blade-combination (25.18in).....                                                                                                   | 125-9444-03 |



**Count on it.**