



**Count on it.**

Form No. 3477-927 Rev A

# Parts Catalog

## Groundsmaster® 4000 Rotary Mower

Model No. 30609—Serial No. 420000000 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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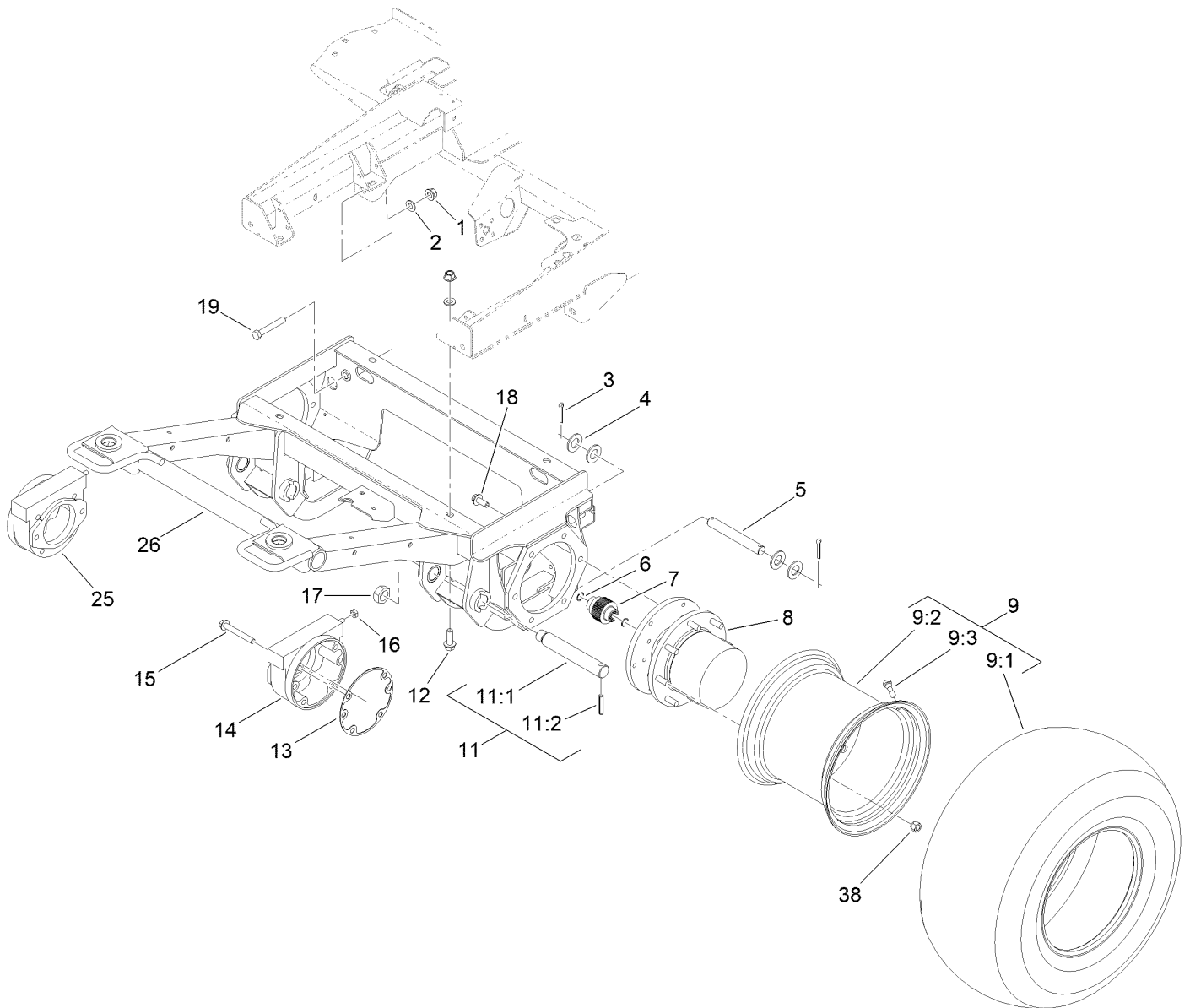
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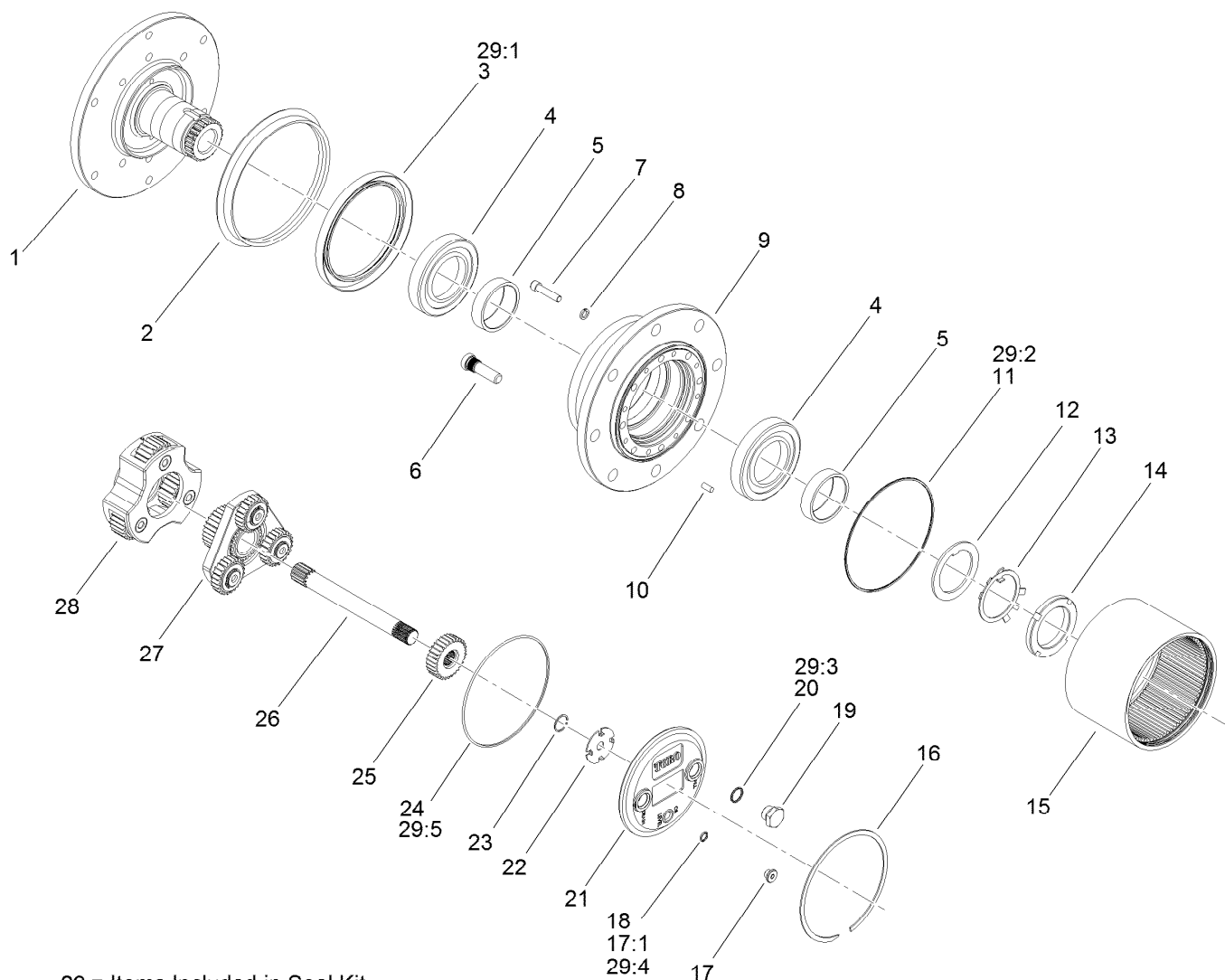
# Front Frame and Steering Assembly



## Front Frame and 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           | 99-5107            | 6           | Nut-HF Nylock            | 11:1        | 140-6348           | 1           | Pin-Lift Arm       |
| 2           | 3256-26            | 6           | Washer-Flat              | 11:2        | 32121-110          | 1           | Pin-Roll, Slotted  |
| 3           | 3272-30            | 4           | Pin-Cotter               | 12          | 100-6116           | 4           | Screw-HHF          |
| 4           | 3256-29            | 8           | Washer-Flat              | 13          | 93-7984            | 2           | Gasket             |
| 5           | 110-6006           | 2           | Pin-Clevis               | 14          | 100-3070           | 1           | LH Brake ASM       |
| 6           | 93-7972            | 4           | Ring-Retaining, Internal | 15          | 33106-080          | 8           | Screw-HHF          |
| 7           | 100-3046           | 2           | Shaft-Brake, Splined     | 16          | 3218-4             | 2           | Nut-Jam            |
| 8           | 136-2913           | 2           | Planetary ASM            | 17          | 3296-49            | 2           | Nut-Lock, NI       |
| 9           |                    | 2           | Wheel And Tire ASM ●     | 18          | 33106-030          | 12          | Screw-HHF          |
| 9:1         | 119-8313           | 1           | Tire                     | 19          | 325-13             | 2           | Screw-HH           |
| 9:2         | 136-4391           | 1           | Rim                      | 25          | 100-3069           | 1           | RH Brake ASM       |
| 9:3         | 232-27             | 1           | Stem-Valve               | 26          | 132-6250-03        | 1           | Frame-Front        |
| 11          | 140-6337           | 2           | Pin ASM                  | 38          | 139-2564           | 16          | Nut-Lug            |

● Not serviced separately

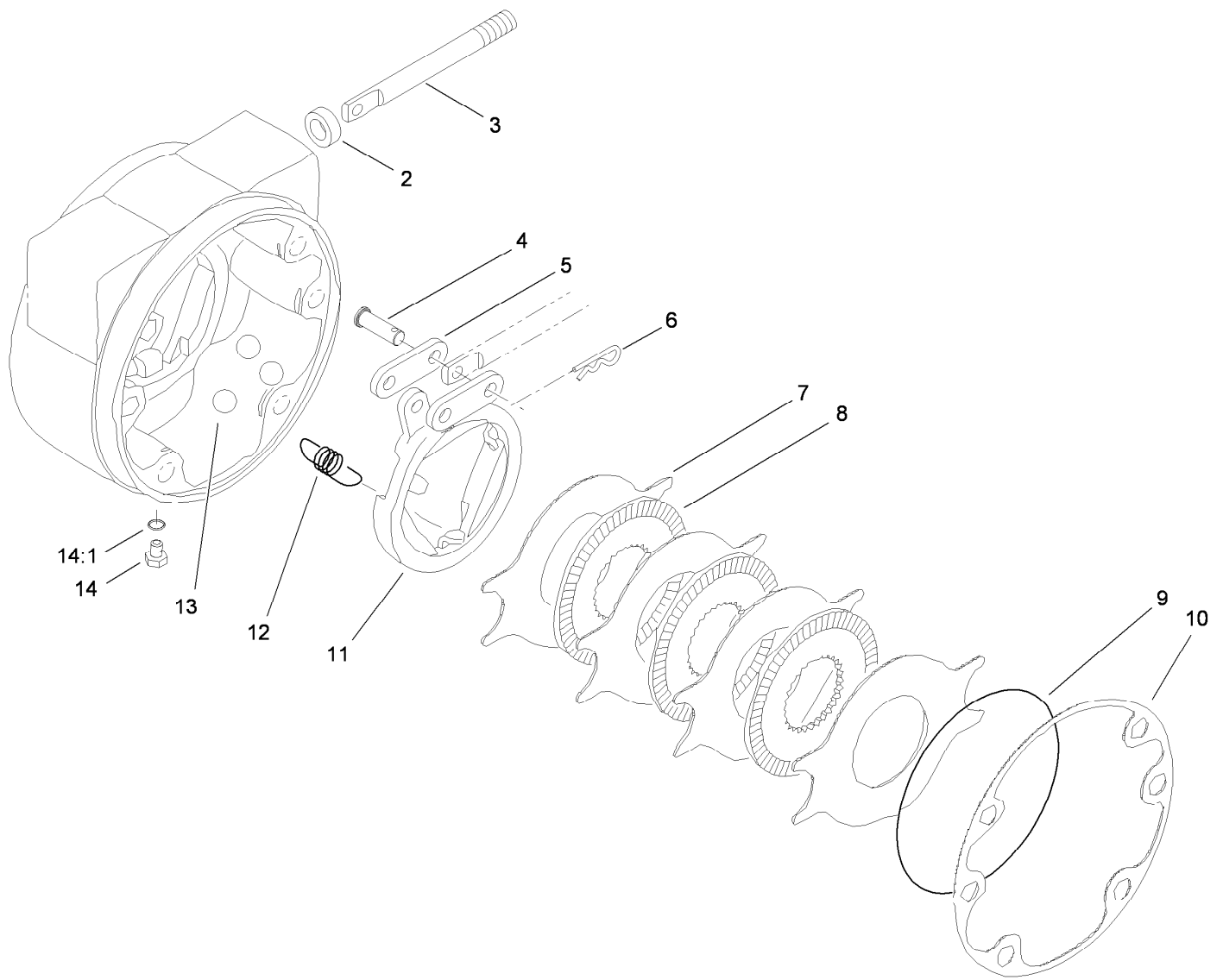


## Planetary Assembly No. 136-2913

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    |             | 1    | Spindle ●         |
| 2    | 138-1204    | 1    | Seal-Boot         |
| 3    |             | 1    | Seal-Lip ●        |
| 4    | 138-1205    | 2    | Bearing-Cup       |
| 5    | 138-1206    | 2    | Bearing-Cone      |
| 6    | 105-8124    | 8    | Stud-Wheel        |
| 7    | 138-1207    | 8    | Screw-Socket Head |
| 8    | 138-1208    | 8    | Washer-Lock       |
| 9    |             | 1    | Housing ●         |
| 10   | 105-8121    | 4    | Pin-Dowel         |
| 11   |             | 1    | O-Ring ●          |
| 12   | 138-6928    | 1    | Spacer            |
| 13   | 138-6929    | 1    | Washer            |
| 14   | 138-6930    | 1    | Nut-Lock          |
| 15   | 138-1209    | 1    | Gear-Ring         |
| 16   | 138-1210    | 1    | Ring-Snap         |
| 17   | 353-990     | 1    | Plug ASM          |
| 17:1 | 237-78      | 1    | O-Ring            |

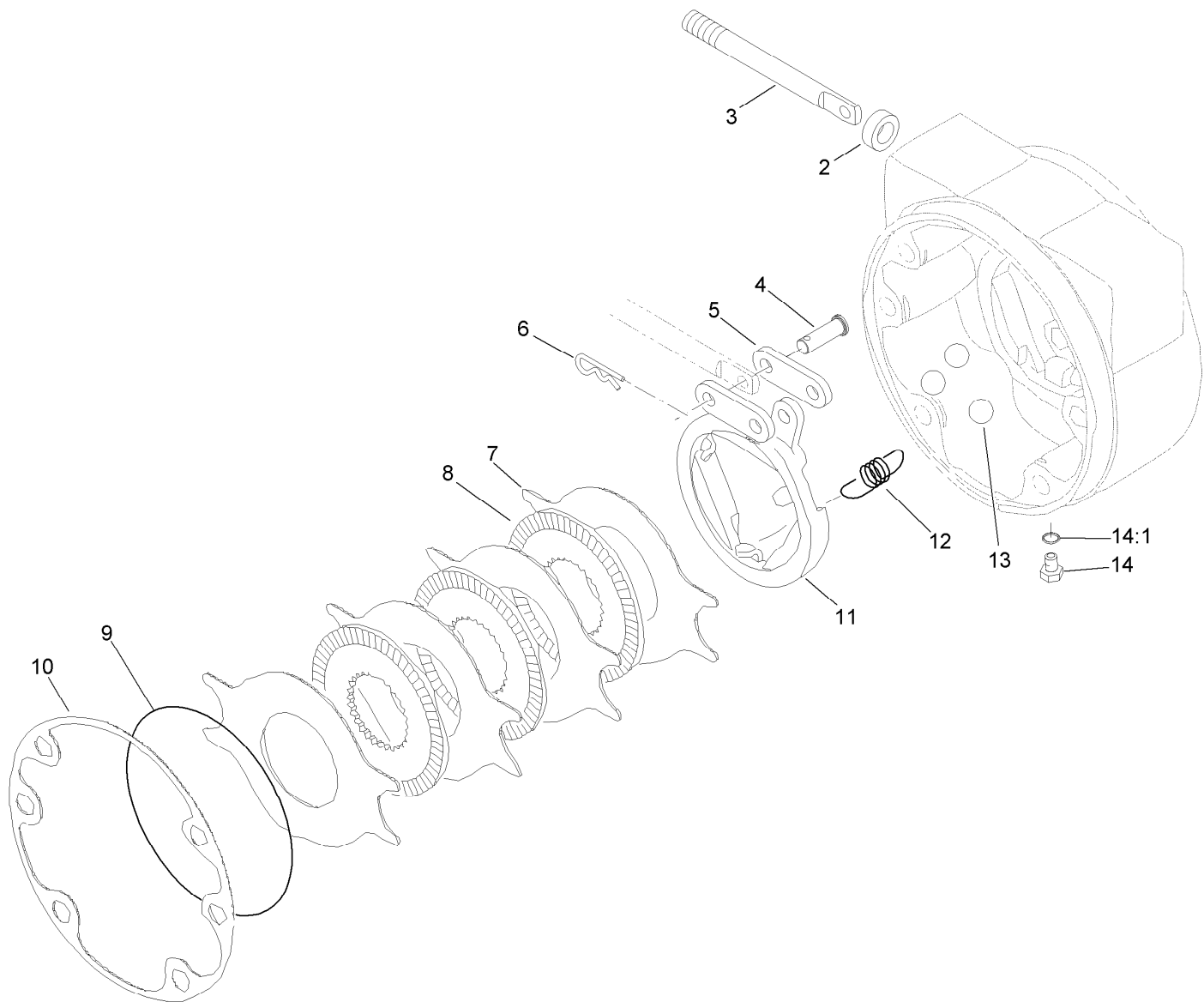
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 18   | 237-78      | 1    | O-Ring                |
| 19   | 138-1211    | 2    | Plug-Flange, Magnetic |
| 20   | 138-1212    | 2    | O-Ring                |
| 21   | 138-1213    | 1    | Cap-End               |
| 22   | 138-1214    | 1    | Washer-Thrust, Sun    |
| 23   | 105-8131    | 2    | Ring-Retaining        |
| 24   |             | 1    | O-Ring ●              |
| 25   | 138-1215    | 1    | Gear-Primary, Sun     |
| 26   | 138-1216    | 1    | Shaft-Drive           |
| 27   | 138-1217    | 1    | Primary Carrier ASM   |
| 28   | 138-1218    | 1    | Secondary Carrier ASM |
| 29   | 138-1219    | 1    | Seal Kit              |
| 29:1 |             | 1    | Seal-Lip ●            |
| 29:2 |             | 1    | O-Ring ●              |
| 29:3 |             | 1    | O-Ring ●              |
| 29:4 |             | 1    | O-Ring ●              |
| 29:5 |             | 1    | O-Ring ●              |

● Not serviced separately



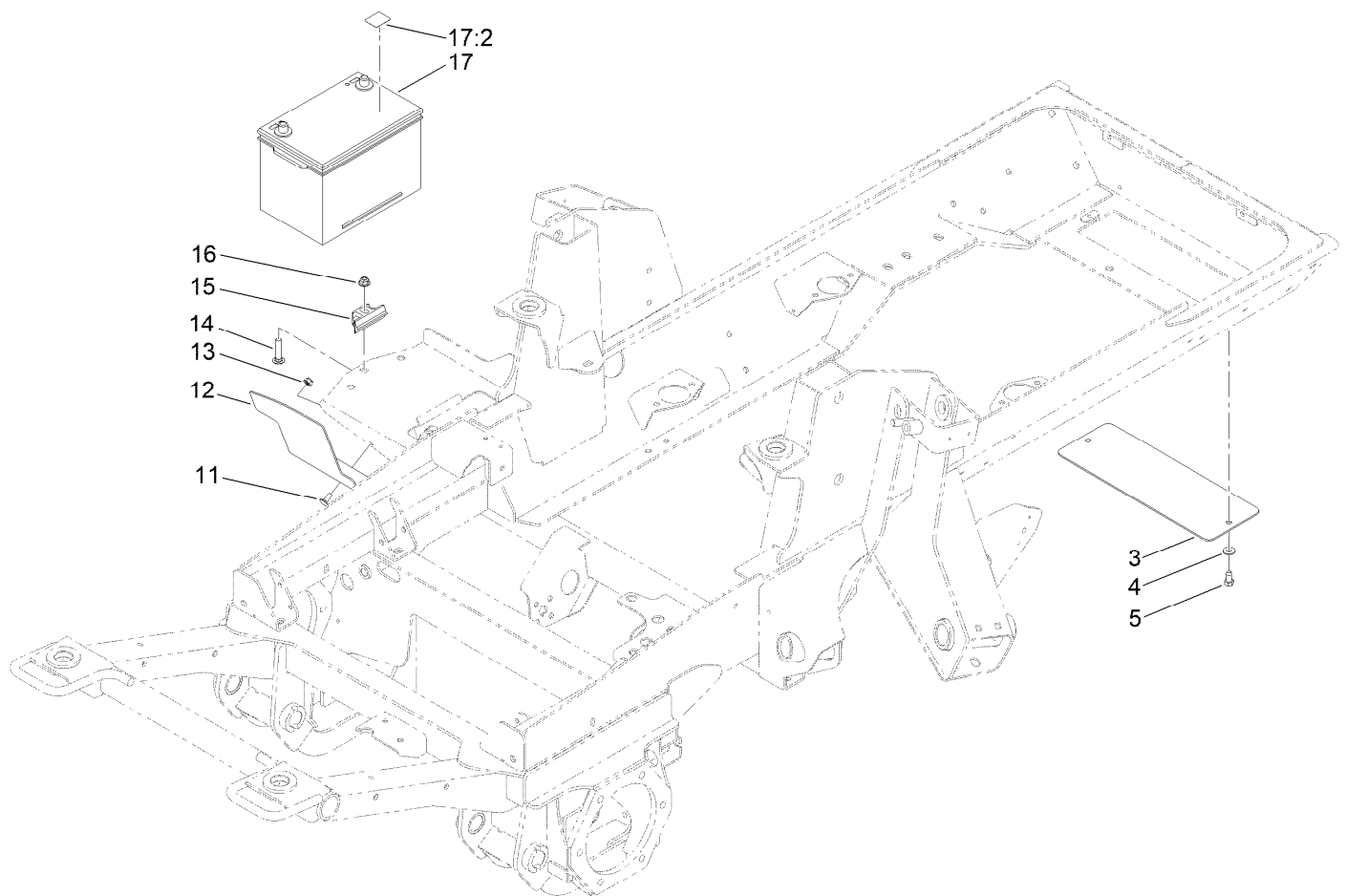
## Brake Assembly No. 100-3070-03

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 2    | 93-7977     | 1    | Seal              |
| 3    | 93-7978     | 1    | Rod-Pull          |
| 4    | 93-7983     | 2    | Pin-Clevis        |
| 5    | 93-7980     | 2    | Link              |
| 6    | 93-7979     | 2    | Pin-Hitch         |
| 7    | 93-7986     | 4    | Disc-Stationary   |
| 8    | 104-4278    | 3    | Disc-Rotating     |
| 9    | 93-7976     | 1    | Ring-Retaining    |
| 10   | 93-7984     | 1    | Gasket            |
| 11   | 104-4279    | 1    | Actuator-Rotating |
| 12   | 93-7987     | 3    | Spring-Extension  |
| 13   | 93-7985     | 3    | Ball              |
| 14   | 353-990     | 2    | Plug ASM          |
| 14:1 | 237-78      | 1    | O-Ring            |



## Brake Assembly No. 100-3069-03

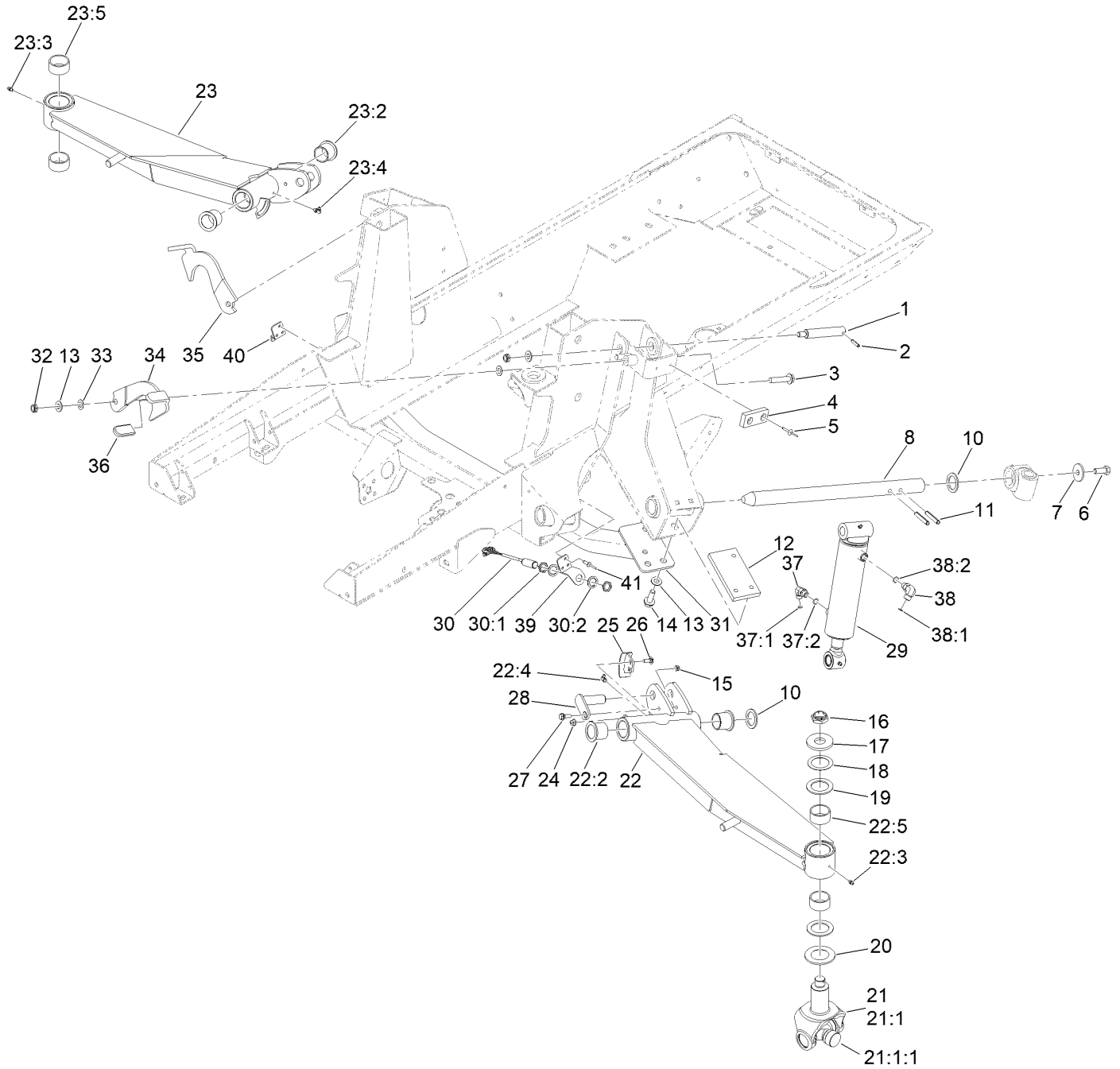
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 2    | 93-7977     | 1    | Seal              |
| 3    | 93-7978     | 1    | Rod-Pull          |
| 4    | 93-7983     | 2    | Pin-Clevis        |
| 5    | 93-7980     | 2    | Link              |
| 6    | 93-7979     | 2    | Pin-Hitch         |
| 7    | 93-7986     | 4    | Disc-Stationary   |
| 8    | 104-4278    | 3    | Disc-Rotating     |
| 9    | 93-7976     | 1    | Ring-Retaining    |
| 10   | 93-7984     | 1    | Gasket            |
| 11   | 104-4280    | 1    | Actuator-Rotating |
| 12   | 93-7987     | 3    | Spring-Extension  |
| 13   | 93-7985     | 3    | Ball              |
| 14   | 353-990     | 2    | Plug ASM          |
| 14:1 | 237-78      | 1    | O-Ring            |



## Battery, Shield and Rear Cover Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 3    | 131-1246-0P | 1    | Plate-Cover      |
| 4    | 3256-3      | 2    | Washer-Flat      |
| 5    | 32104-6     | 2    | Screw-HH, TAP    |
| 11   | 3230-23     | 2    | Bolt-CARR        |
| 12   | 121-1512-0P | 1    | Shield, Battery  |
| 13   | 104-8300    | 2    | Nut-HF, NI       |
| 14   | 3231-5      | 1    | Screw-CARR       |
| 15   | 138-6335    | 1    | Retainer-Battery |
| 16   | 104-8301    | 1    | Nut-HF, NI       |
| 17   | 139-1005    | 1    | Battery Kit      |
| 17:2 | 139-1006    | 1    | Decal            |

# Wing Lift Arm Assembly

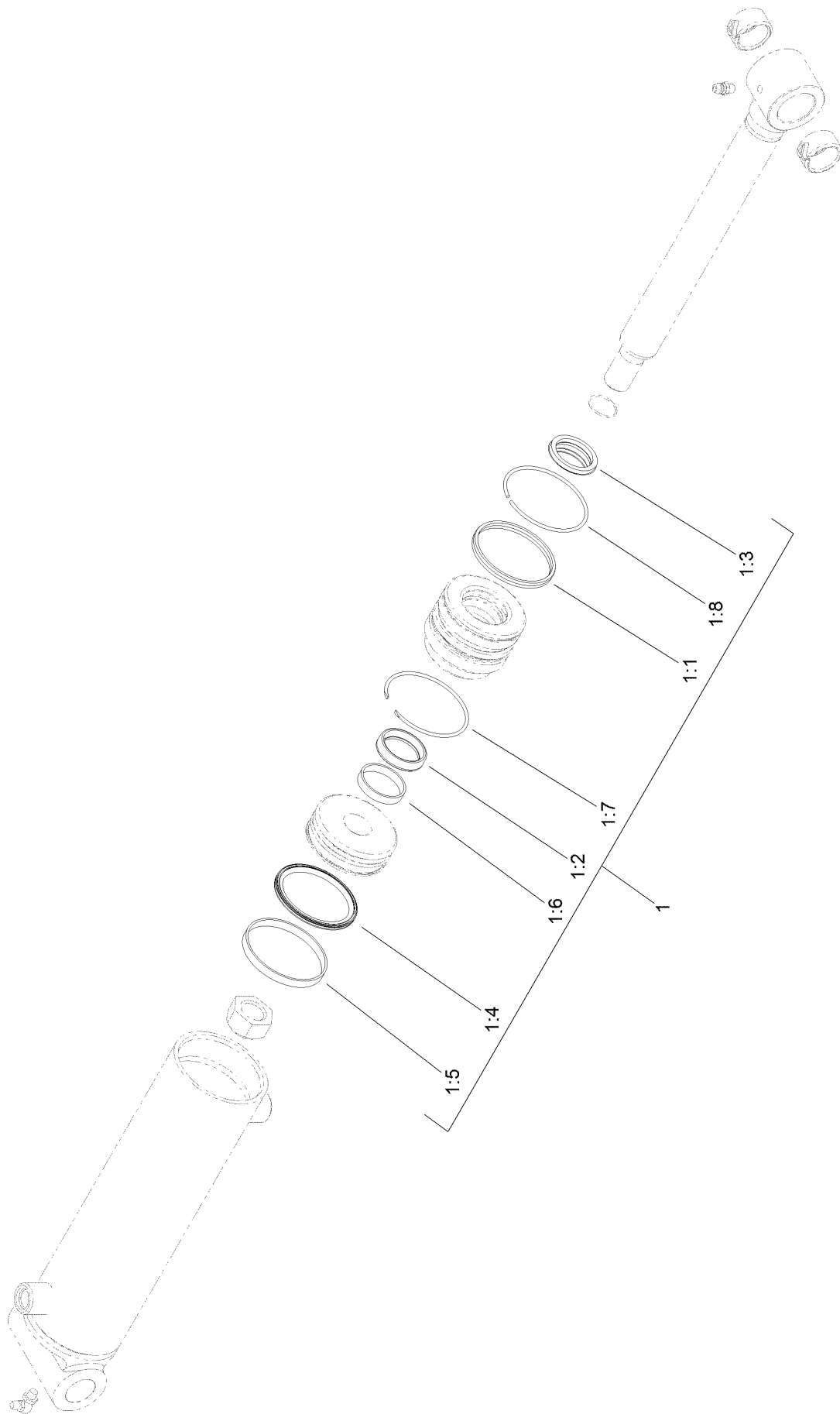


## Wing Lift Arm Assembly (continued)

| <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           | 104-3537           | 2           | Pin-Cylinder          | 23:2        | 69-6470            | 2           | Bushing-Caster              |
| 2           | 32121-9            | 2           | Pin-Roll, Slotted     | 23:3        | 302-5              | 1           | Fitting-Grease              |
| 3           | 3234-46            | 2           | Screw-HHF             | 23:4        | 302-60             | 1           | Fitting-Grease              |
| 4           | 86-5350            | 2           | Bumper-Rubber         | 23:5        | 114-5596           | 2           | Bushing-Straight            |
| 5           | 3269-11            | 4           | Rivet-Pop             | 24          | 104-8300           | 4           | Nut-HF, NI                  |
| 6           | 325-5              | 2           | Screw-HH              | 25          | 132-1429           | 2           | Sensor-Trigger              |
| 7           | 106-2008           | 2           | Washer-Case Hard      | 26          | 3230-16            | 4           | Screw-CARR                  |
| 8           | 121-3882           | 2           | Shaft-Pivot, Lift Arm | 27          | 27-0410            | 2           | Screw-Shoulder              |
| 10          | 256-304            | 4           | Washer-Thrust         | 28          | 131-4305           | 2           | Pin                         |
| 11          | 117-5479           | 4           | Pin-Spring            | 29          | 139-0956           | 2           | HYD Cylinder ASM            |
| 12          | 120-8859           | 2           | Block-Tapped          | 30          | 115-5300           | 2           | Proximity Switch ASM        |
| 13          | 3256-26            | 10          | Washer-Flat           | 30:1        | 117-3207           | 2           | Nut-Hex                     |
| 14          | 100-6116           | 6           | Screw-HHF             | 30:2        | 117-3208           | 2           | Washer-Lock, Internal Tooth |
| 15          | 3296-47            | 2           | Nut-Lock,NI           | 31          | 120-9000-03        | 1           | Crossmember                 |
| 16          | 116-1399           | 2           | Locknut               | 32          | 3296-45            | 4           | Nut-Hex                     |
| 17          | 104-0719           | 2           | Washer-Hardened       | 33          | 104-3577           | 4           | Washer                      |
| 18          | 114-5641           | 2           | Washer-Thrust         | 34          | 136-4395-03        | 1           | Latch-Deck, LH              |
| 19          | 104-0721           | 4           | Washer-Thrust         | 35          | 136-4394-03        | 1           | Latch-Deck, RH              |
| 20          | 104-0720           | 2           | Spacer                | 36          | 48-7081            | 2           | Grip-Plastic                |
| 21          | 114-5640-03        | 2           | Joint Yoke ASM        | 37          | 340-82             | 2           | Fitting-Elbow, 90 DEG       |
| 21:1        |                    | 1           | Yoke-Joint ●          | 37:1        | 237-42             | 1           | O-Ring                      |
| 21:1:1      | 104-4299           | 1           | Cross And Bearing Kit | 37:2        | 237-21             | 1           | O-Ring                      |
| 22          | 145-8347           | 1           | Lift Arm ASM          | 38          | 340-77             | 2           | Fitting-Elbow, 90 DEG       |
| 22:2        | 69-6470            | 2           | Bushing-Caster        | 38:1        | 237-22             | 1           | O-Ring                      |
| 22:3        | 302-5              | 1           | Fitting-Grease        | 38:2        | 237-42             | 1           | O-Ring                      |
| 22:4        | 302-60             | 1           | Fitting-Grease        | 39          | 132-1421           | 1           | Plate-Pivot, LH             |
| 22:5        | 114-5596           | 2           | Bushing-Straight      | 40          | 132-1422           | 1           | Plate-Pivot, RH             |
| 23          | 145-8346           | 1           | Lift Arm ASM          | 41          | 3290-412           | 6           | Rivet-Blind                 |

● Not serviced separately

# Hydraulic Cylinder Assembly No. 139-0956



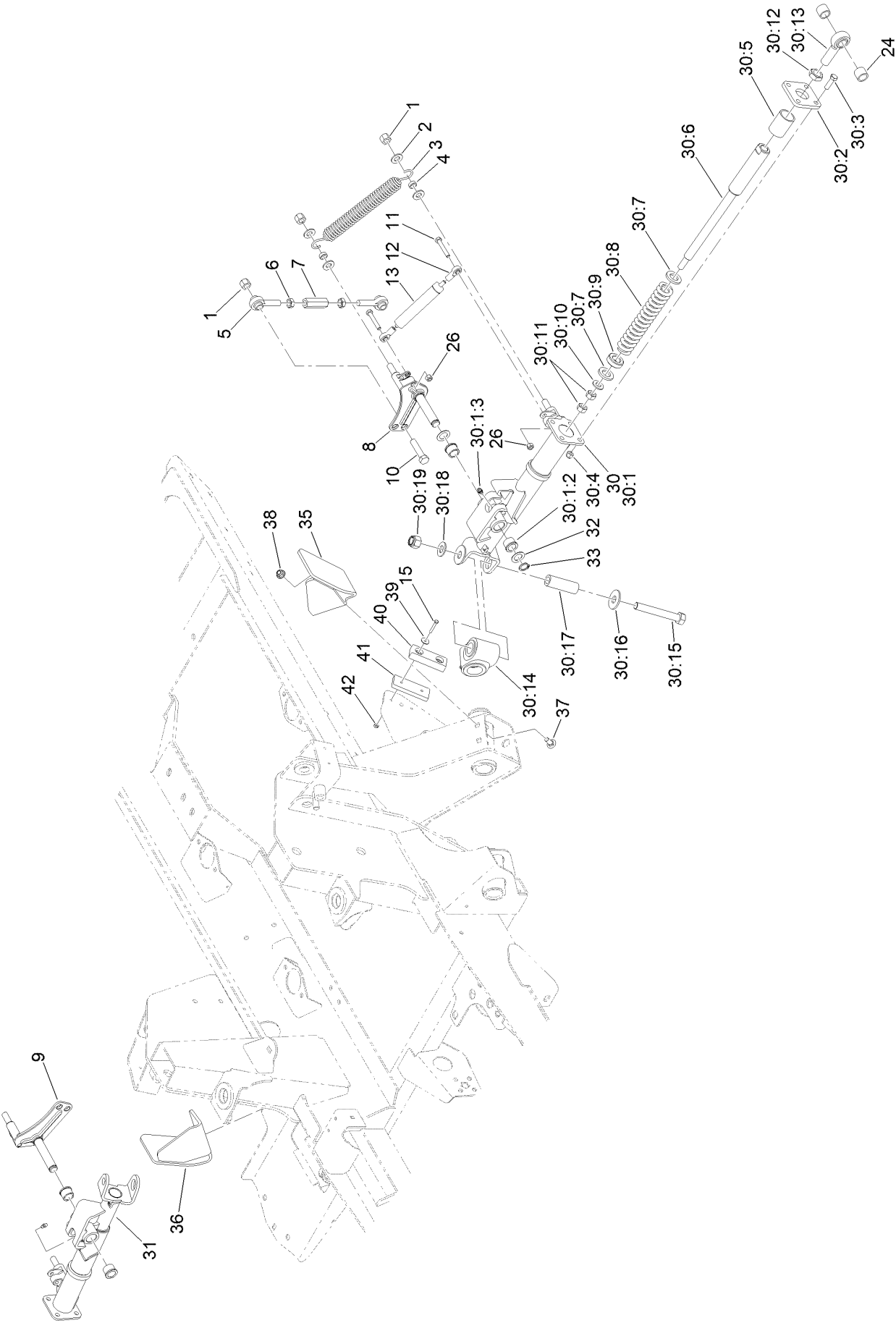
# Hydraulic Cylinder Assembly No. 139-0956 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 139-0994           | 1           | Seal Repair Kit    |
| 1:1         |                    | 1           | Seal-Dual ●        |
| 1:2         |                    | 1           | Seal-Rod ●         |
| 1:3         |                    | 1           | Wiper-Rod ●        |
| 1:4         |                    | 1           | Seal-Piston ●      |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>         |
|-------------|--------------------|-------------|----------------------------|
| 1:5         |                    | 1           | Ring-Wear, Piston ●        |
| 1:6         |                    | 1           | Ring-Wear, Rod ●           |
| 1:7         |                    | 1           | Ring-Retaining, Internal ● |
| 1:8         |                    | 1           | Ring-Retaining, External ● |

● Not serviced separately

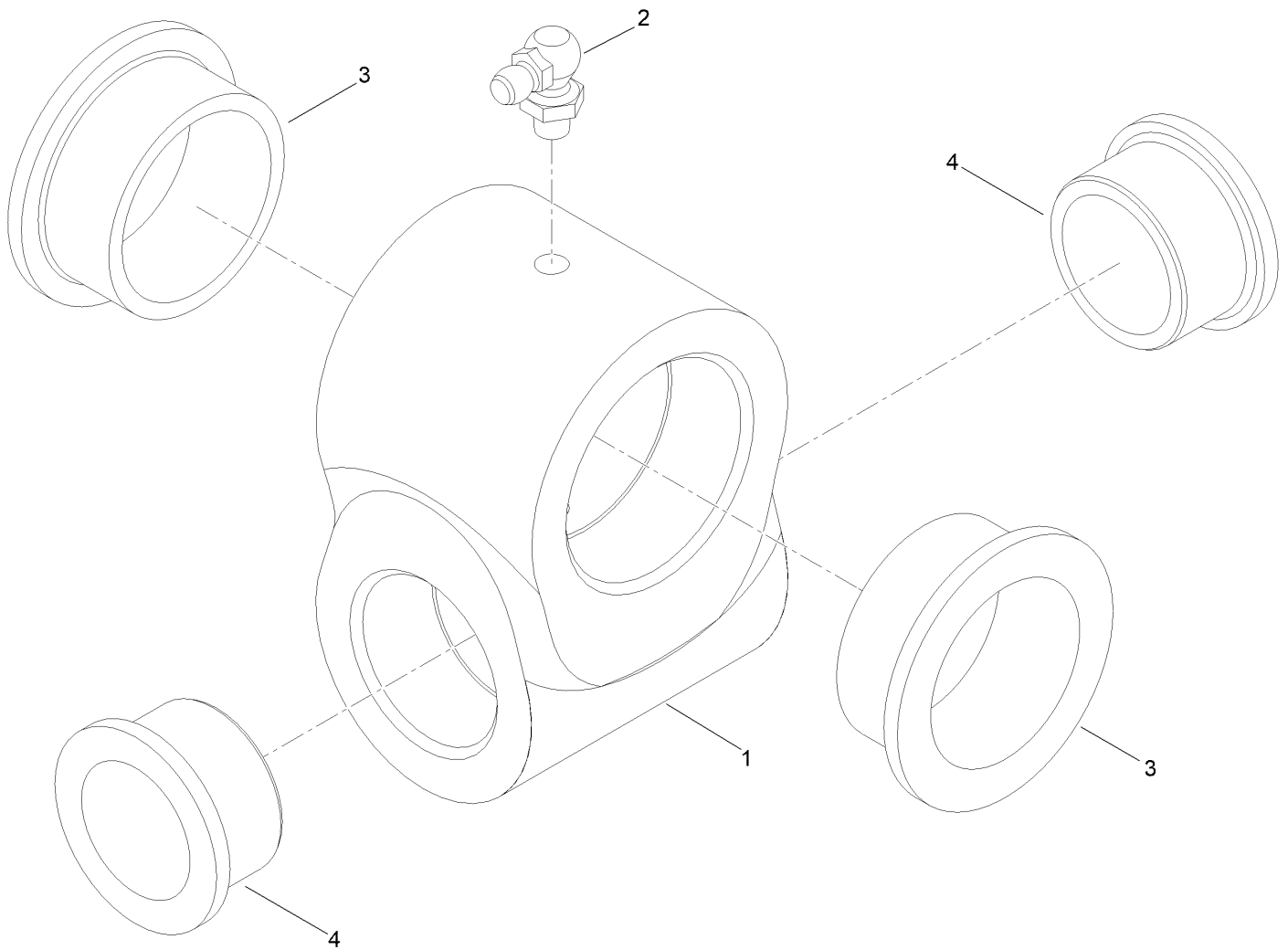
# Impact Arm Assembly



## Impact Arm 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           | 3296-23            | 6           | Nut-Lock, NI          | 30:7        | 105-4551           | 2           | Washer-Flat           |
| 2           | 3256-26            | 8           | Washer-Flat           | 30:8        | 100-8138           | 1           | Spring-Compression    |
| 3           | 104-7520           | 2           | Spring-Damper         | 30:9        | 105-4552           | 1           | Bearing-Plastic       |
| 4           | 104-7521           | 4           | Bushing               | 30:10       | 3256-26            | 1           | Washer-Flat           |
| 5           | 105-2808           | 4           | End-Rod               | 30:11       | 3217-9             | 2           | Nut-HH                |
| 6           | 3220-5             | 4           | Nut-Jam               | 30:12       | 3220-7             | 1           | Nut-Jam               |
| 7           | 105-2809           | 2           | Tube-Link             | 30:13       | 105-2806           | 1           | End-Rod               |
| 8           | 114-2717           | 1           | Crank-Bell, LH        | 30:14       | 138-5253           | 1           | Pivot Hub ASM         |
| 9           | 114-2716           | 1           | Crank-Bell, RH        | 30:15       | 327-23             | 1           | Screw-HH              |
| 10          | 325-9              | 2           | Screw-HH              | 30:16       | 3256-7             | 1           | Washer-Flat           |
| 11          | 322-10             | 4           | Screw-HH              | 30:17       | 94-6604            | 1           | Tube-Spacer           |
| 12          | 104-8331           | 4           | End-Rod, Spherical    | 30:18       | 3256-27            | 1           | Washer-Flat           |
| 13          | 105-3249           | 2           | Damper                | 30:19       | 3296-53            | 1           | Nut-Lock, NI          |
| 15          | 3290-360           | 4           | Screw-HH              | 31          | 140-6486           | 1           | RH Rear Arm Strut ASM |
| 24          | 136-0077           | 4           | Spacer                | 32          | 3-6498             | 4           | Washer-Thrust         |
| 26          | 3296-29            | 4           | Nut-Lock, NI          | 33          | 32120-93           | 2           | Ring-Retaining        |
| 30          | 140-6485           | 1           | LH Rear Arm Strut ASM | 35          | 120-8856-03        | 1           | Bracket-Roller, LH    |
| 30:1        | 140-6478           | 1           | LH Rear Arm ASM       | 36          | 120-8874-03        | 1           | Bracket-Roller, RH    |
| 30:1:2      | 256-113            | 2           | Bushing-Flange        | 37          | 3231-2             | 4           | Bolt-CARR             |
| 30:1:3      | 302-5              | 1           | Fitting-Grease        | 38          | 104-8301           | 4           | Nut-HF, NI            |
| 30:2        | 145-8390           | 1           | Plate                 | 39          | 3256-61            | 4           | Washer-Flat           |
| 30:3        | 323-7              | 4           | Screw-HH              | 40          | 86-5350            | 2           | Bumper-Rubber         |
| 30:4        | 3296-39            | 4           | Nut-Lock, NI          | 41          | 119-8308           | 2           | Plate                 |
| 30:5        | 105-4550           | 1           | Bushing-Straight      | 42          | 3296-2             | 4           | Nut-Lock, NI          |
| 30:6        | 145-8392           | 1           | Shaft-Spring          |             |                    |             |                       |

# Pivot Hub Assembly No. 138-5253



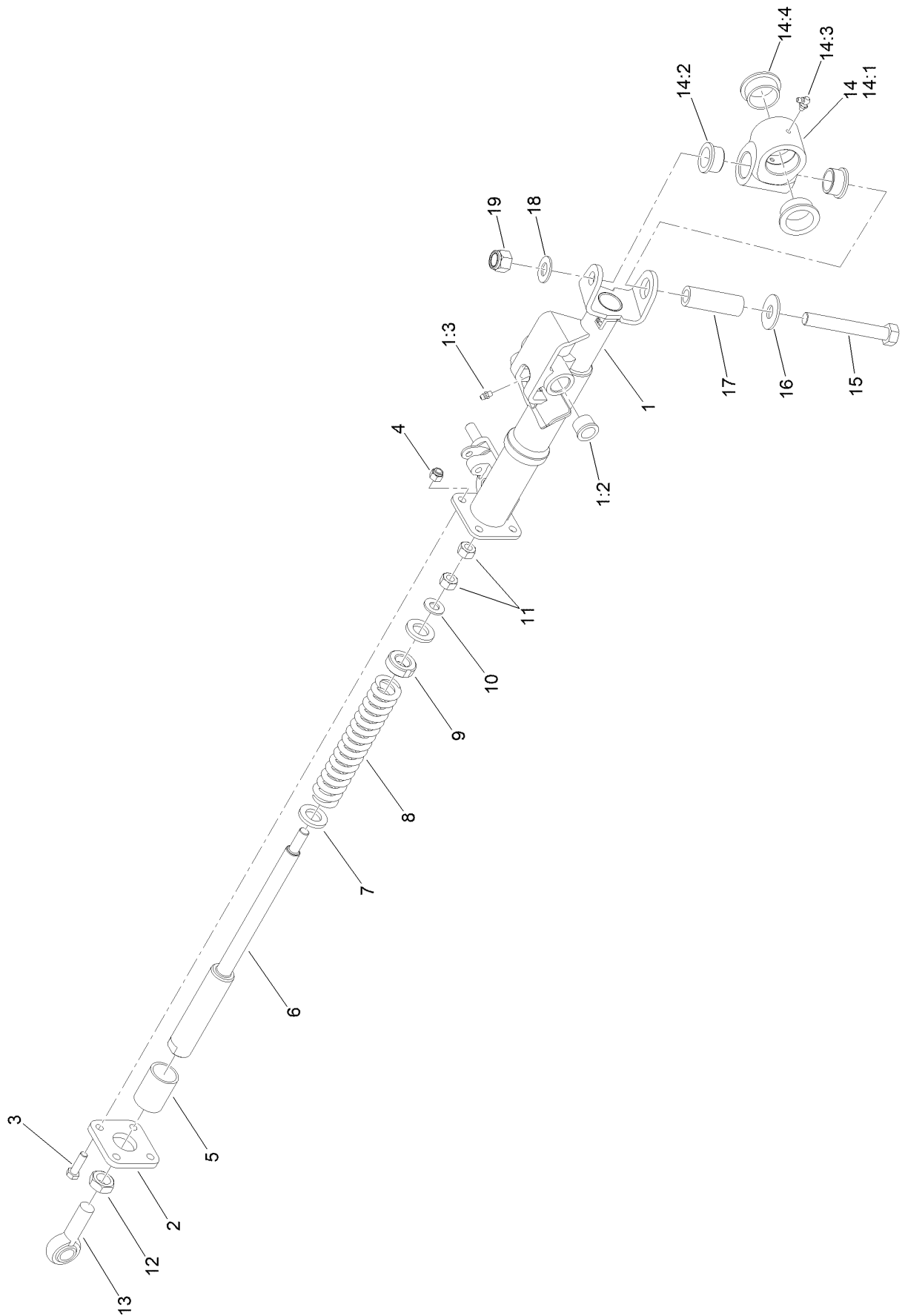
# Pivot Hub Assembly No. 138-5253 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           |                    | 1           | Hub-Pivot ●        |
| 2           | 302-60             | 1           | Fitting-Grease     |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 3           | 115-5469           | 2           | Bushing-Flange     |
| 4           | 114-5680           | 2           | Bushing-Flange     |

● Not serviced separately

# RH Rear Arm Strut Assembly No. 140-6486



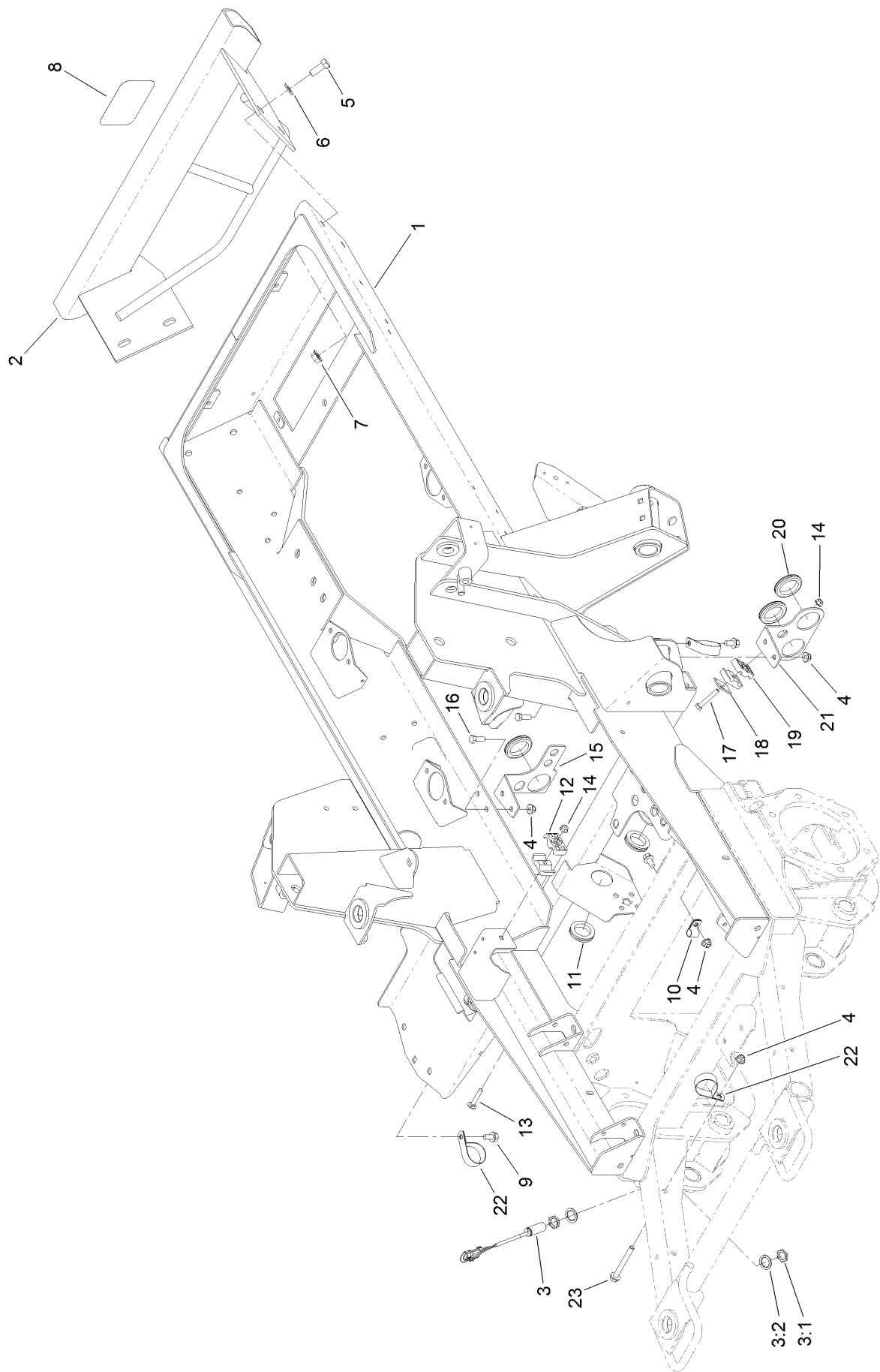
## RH Rear Arm Strut Assembly No. 140-6486 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 140-6480           | 1           | RH Rear Arm ASM    |
| 1:2         | 256-113            | 2           | Bushing-Flange     |
| 1:3         | 302-5              | 1           | Fitting-Grease     |
| 2           | 145-8390           | 1           | Plate              |
| 3           | 323-7              | 4           | Screw-HH           |
| 4           | 3296-39            | 4           | Nut-Lock, NI       |
| 5           | 105-4550           | 1           | Bushing-Straight   |
| 6           | 145-8392           | 1           | Shaft-Spring       |
| 7           | 105-4551           | 2           | Washer-Flat        |
| 8           | 100-8138           | 1           | Spring-Compression |
| 9           | 105-4552           | 1           | Bearing-Plastic    |
| 10          | 3256-26            | 1           | Washer-Flat        |
| 11          | 3217-9             | 2           | Nut-HH             |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 12          | 3220-7             | 1           | Nut-Jam            |
| 13          | 105-2806           | 1           | End-Rod            |
| 14          | 138-5253           | 1           | Pivot Hub ASM      |
| 14:1        |                    | 1           | Hub-Pivot ●        |
| 14:2        | 302-60             | 1           | Fitting-Grease     |
| 14:3        | 115-5469           | 2           | Bushing-Flange     |
| 14:4        | 114-5680           | 2           | Bushing-Flange     |
| 15          | 327-23             | 1           | Screw-HH           |
| 16          | 3256-7             | 1           | Washer-Flat        |
| 17          | 94-6604            | 1           | Tube-Spacer        |
| 18          | 3256-27            | 1           | Washer-Flat        |
| 19          | 3296-53            | 1           | Nut-Lock, NI       |

● Not serviced separately

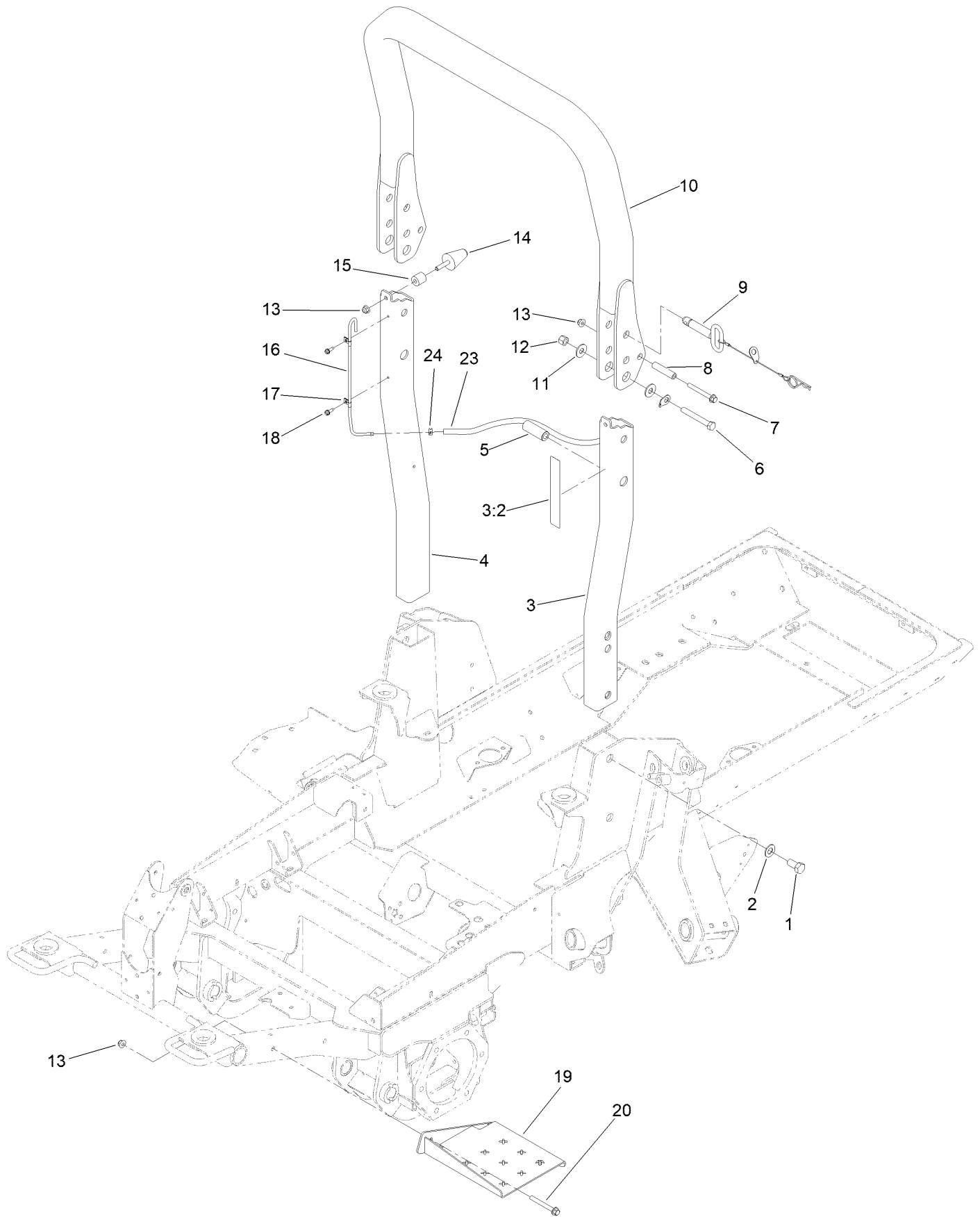
# Frame, Bumper and Proximity Sensor Assembly



## Frame, Bumper and Proximity Sensor 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           | 120-4010-03        | 1           | Frame                       | 12          | 56-7971            | 2           | Clamp-Tube               |
| 2           | 161-1780           | 1           | Bumper ASM                  | 13          | 3230-5             | 1           | Bolt-CARR                |
| 3           | 115-0282           | 1           | Proximity Sensor ASM        | 14          | 104-8300           | 2           | Nut-HF, NI               |
| 3:1         | 117-3207           | 2           | Nut-Hex                     | 15          | 121-1508-0P        | 1           | Bracket-Bulkhead         |
| 3:2         | 117-3208           | 2           | Washer-Lock, Internal Tooth | 16          | 323-6              | 4           | Screw-HH                 |
| 4           | 104-8301           | 6           | Nut-HF, NI                  | 17          | 322-10             | 1           | Screw-HH                 |
| 5           | 325-5              | 4           | Screw-HH                    | 18          | 69-9760            | 1           | Plate-Cover              |
| 6           | 3256-26            | 4           | Washer-Flat                 | 19          | 56-7976            | 2           | Clamp-Tube               |
| 7           | 32128-23           | 4           | Nut-HF                      | 20          | 240-2              | 3           | Grommet-Rubber           |
| 8           | 105-8278           | 1           | Decal                       | 21          | 121-1481-0P        | 1           | Plate-Mount, LH Bulkhead |
| 9           | 3234-1             | 3           | Screw-HHF                   | 22          | 2412-147           | 3           | Clamp-R                  |
| 10          | 2412-138           | 1           | R-Clamp                     | 23          | 3234-41            | 1           | Screw-HHF                |
| 11          | 240-7              | 2           | Grommet-Rubber              |             |                    |             |                          |

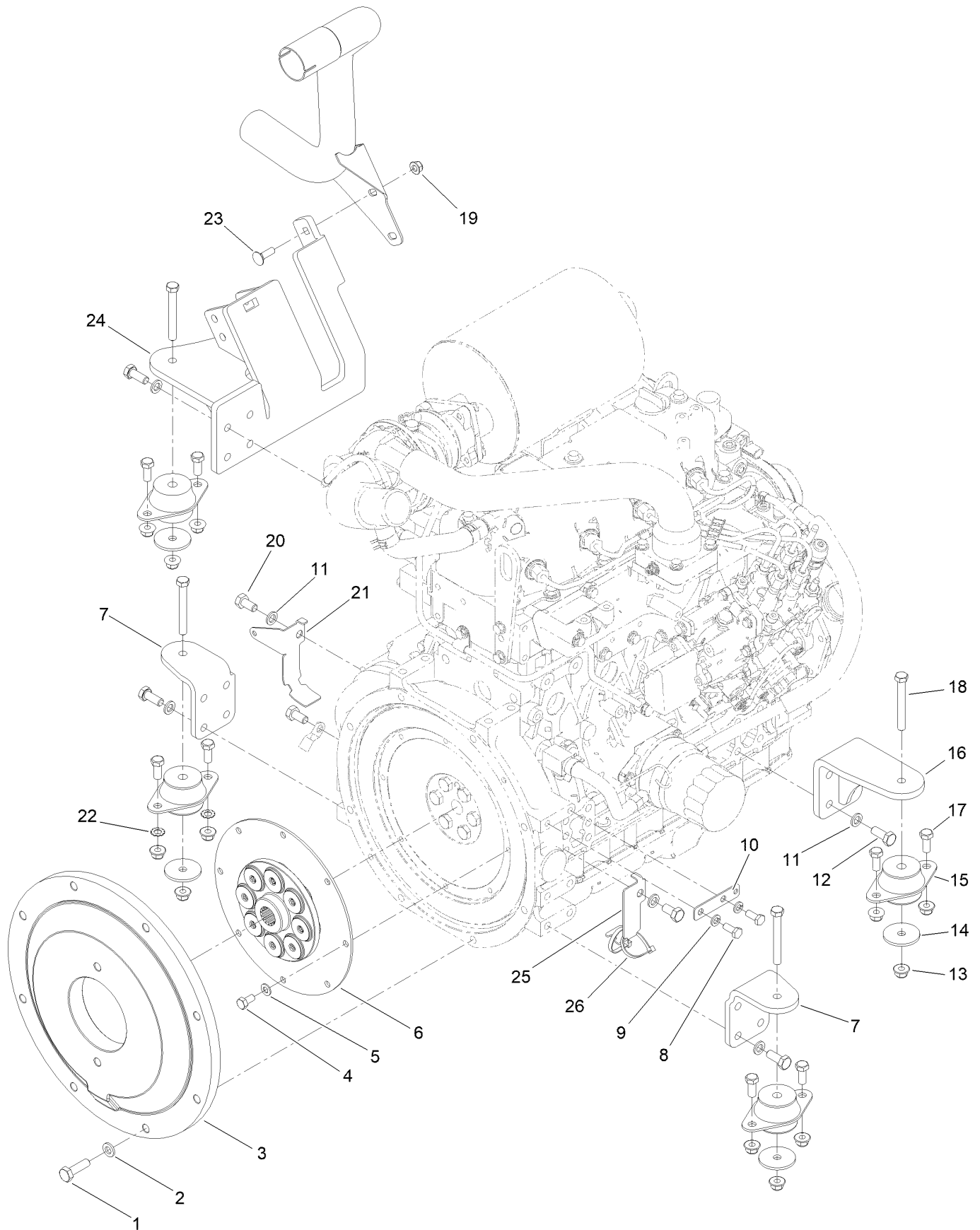
# ROPS and Step Assembly



## ROPS and Step 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           | 121-1658           | 4           | Screw-HH           | 12          | 3296-23            | 2           | Nut-Lock, NI           |
| 2           | 3256-27            | 4           | Washer-Flat        | 13          | 104-8301           | 6           | Nut-HF, NI             |
| 3           | 121-1744           | 1           | Left ROPS ASM      | 14          | 121-1604           | 2           | Bumper-Rubber          |
| 3:2         | 120-8947           | 1           | Decal-Danger, ROPS | 15          | 61-2220            | 2           | Spacer                 |
| 4           | 121-1632-03        | 1           | ROPS-Lower, RH     | 16          | 121-1638           | 1           | Tube-Vent              |
| 5           | 121-1660           | 2           | Spacer             | 17          | 2412-72            | 2           | Clip-Closed, Insulated |
| 6           | 325-35             | 2           | Screw-HH           | 18          | 32104-95           | 2           | Screw-HWH              |
| 7           | 3234-41            | 2           | Screw-HHF          | 19          | 120-9020-03        | 1           | Step                   |
| 8           | 106-0877           | 2           | Spacer-Shield      | 20          | 3234-41            | 2           | Screw-HHF              |
| 9           | 121-1629           | 2           | ROPS Fold Pin ASM  | 23          | 110-5701           | 1           | Hose-Fuel              |
| 10          | 121-1642           | 1           | ROPS-Upper         | 24          | 2412-98            | 1           | Clamp-Hose             |
| 11          | 3256-6             | 4           | Washer-Flat        |             |                    |             |                        |

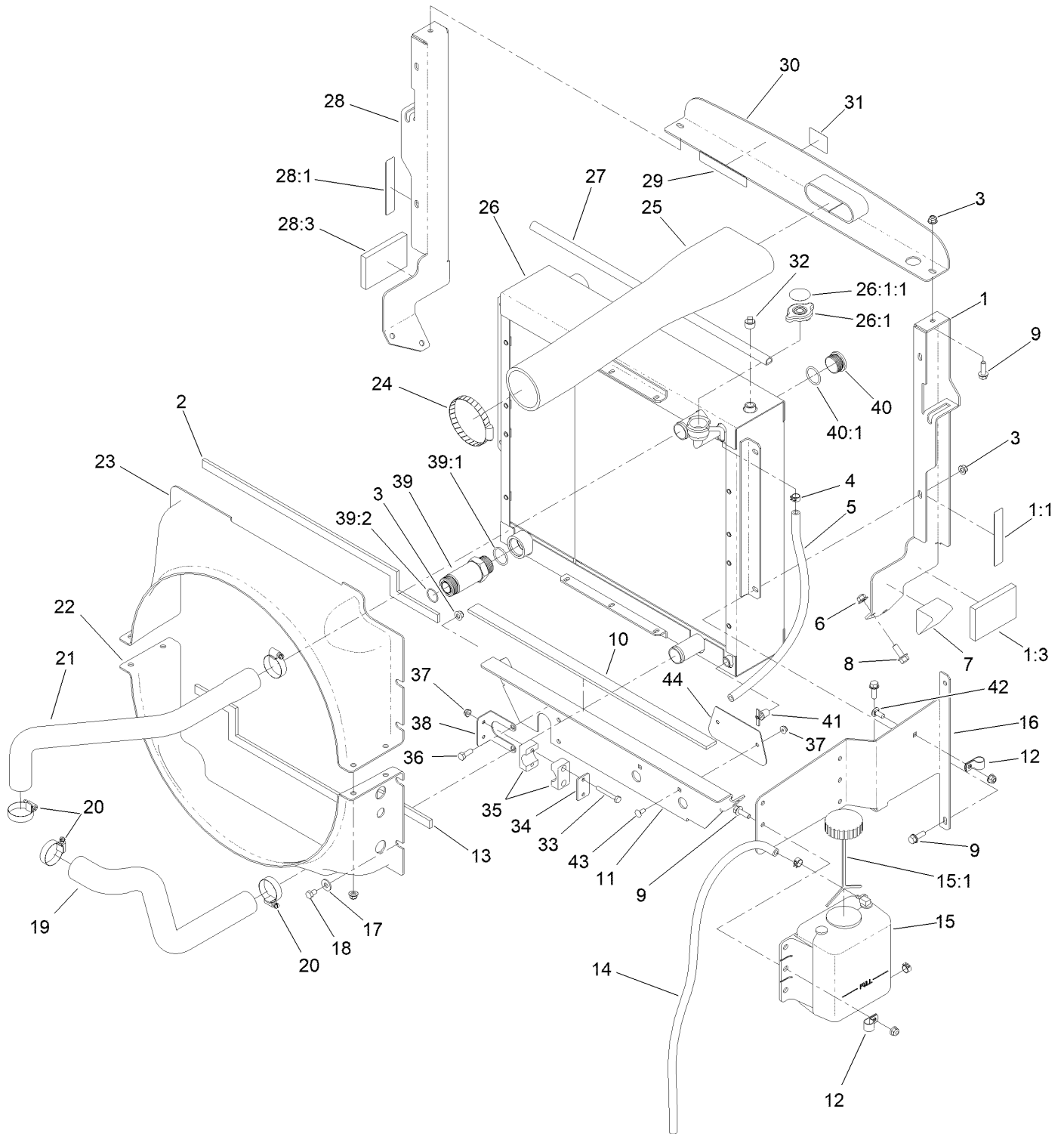
# Flywheel and Motor Mount Assembly



## Flywheel and Motor Mount 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           | 117-5663           | 8           | Screw-HH           | 14          | 63-7400            | 4           | Washer-Rebound      |
| 2           | 107-1413           | 8           | Washer-Hardened    | 15          | 53-9682            | 4           | Mount-Engine        |
| 3           | 132-6120-0P        | 1           | Plate-Flywheel     | 16          | 120-4068-0P        | 1           | Mount-Motor         |
| 4           | 139-9940           | 8           | Screw-HH,Patch     | 17          | 323-5              | 8           | Screw-HH            |
| 5           | 87-7510            | 8           | Washer-Flat        | 18          | 323-14             | 4           | Screw-HH            |
| 6           | 132-6121           | 1           | Coupling-Flywheel  | 19          | 104-8300           | 2           | Nut-HF, NI          |
| 7           | 120-4066-0P        | 2           | Mount-Motor, Front | 20          | 33115-020          | 3           | Screw-HH            |
| 8           | 33114-020          | 2           | Screw-HH           | 21          | 139-0992           | 1           | Bracket-Harness, RH |
| 9           | 3253-4             | 2           | Washer-Lock        | 22          | 3255-9             | 2           | Washer-Lock         |
| 10          | 121-5636           | 1           | Tab-Harness        | 23          | 3230-2             | 2           | Bolt-CARR           |
| 11          | 48-9590            | 18          | Washer-Lock        | 24          | 127-3722-0P        | 1           | Mount-Motor         |
| 12          | 33115-025          | 16          | Screw-HH           | 25          | 139-0993           | 1           | Bracket-Harness, LH |
| 13          | 104-8301           | 12          | Nut-HF, NI         | 26          | 3290-378           | 2           | Tie-Cable           |

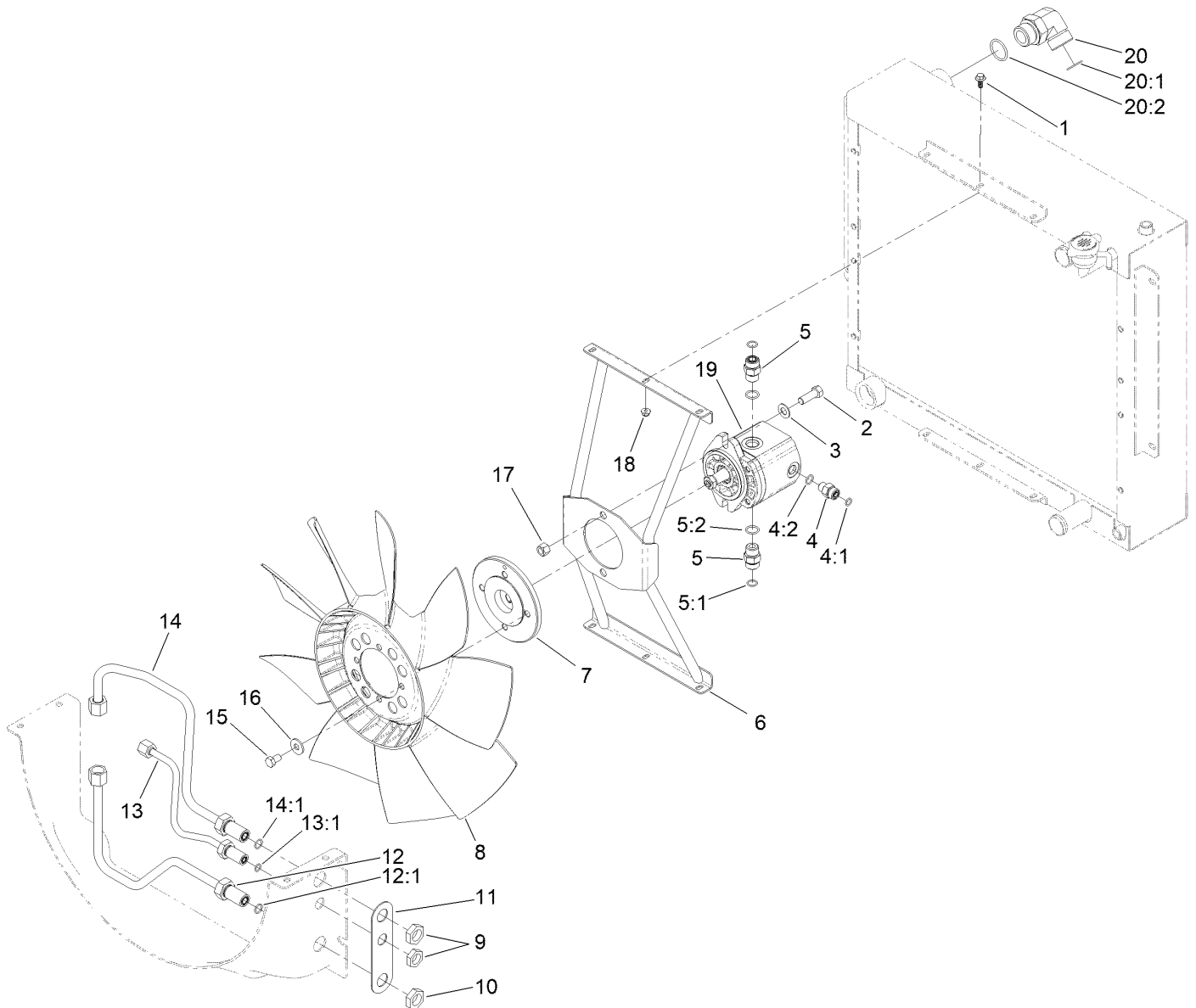
# Radiator Assembly



## Radiator Assembly (continued)

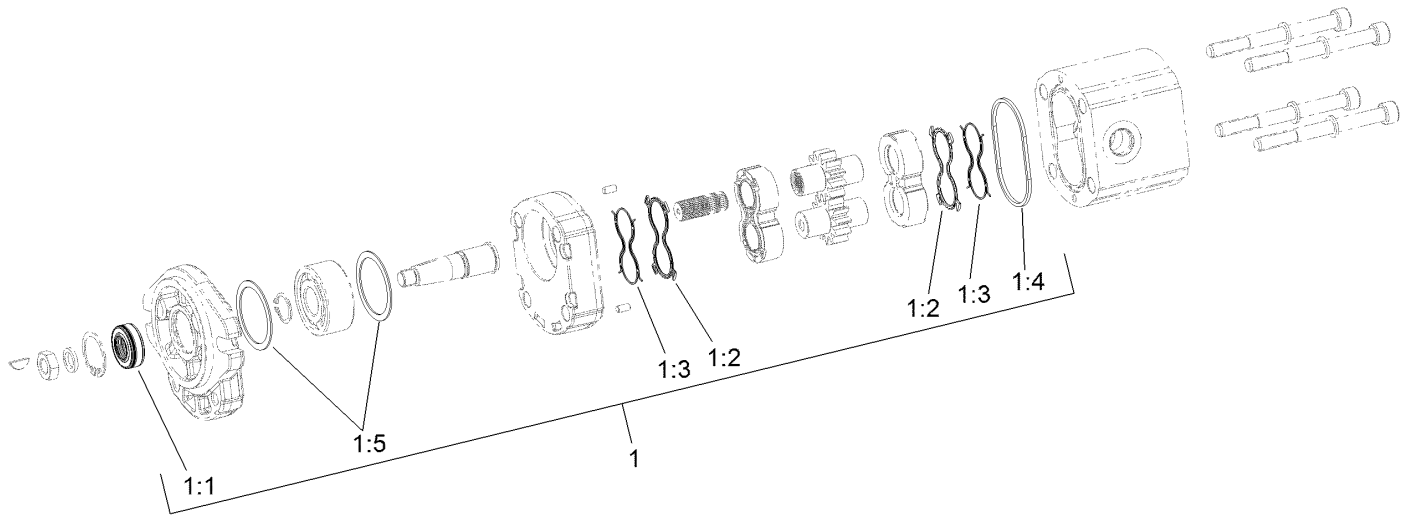
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      |
|-------------|--------------------|-------------|-------------------------|-------------|--------------------|-------------|-------------------------|
| 1           | 121-1479           | 1           | LH Radiator Support ASM | 25          | 121-1474           | 1           | Hose-Inlet, Air Cleaner |
| 1:1         | 93-7272            | 1           | Decal-Warning           | 26          | 132-6161           | 1           | Radiator/Oil Cooler     |
| 1:3         | 100-2196           | 1           | Pad-Foam                | 26:1        | 115-7766           | 1           | Cap-Radiator            |
| 2           | 121-1684           | 1           | Foam-Radiator           | 26:1:1      | 106-6755           | 1           | Decal-Cap, Radiator     |
| 3           | 104-8300           | 15          | Nut-HF, NI              | 27          | 114-3828           | 1           | Seal-Bulb               |
| 4           | 92-2379            | 3           | Clamp-Hose              | 28          | 121-1478           | 1           | RH Radiator Support ASM |
| 5           | 110-4112           | 1           | Hose-Fuel               | 28:1        | 93-7272            | 1           | Decal-Warning           |
| 6           | 104-8301           | 6           | Nut-HF, NI              | 28:3        | 100-2196           | 1           | Pad-Foam                |
| 7           | 93-5954            | 2           | Plug-Foam               | 29          | 93-7272            | 1           | Decal-Warning           |
| 8           | 3234-11            | 6           | Screw-HHF               | 30          | 136-4364-0P        | 1           | Bracket-Intake          |
| 9           | 3234-29            | 12          | Screw-HHF               | 31          | 117-4765           | 1           | Decal-Starting Fluid    |
| 10          | 104-2226           | 1           | Strip-Foam              | 32          | 281-13             | 1           | Plug-Pipe               |
| 11          | 139-0952-0P        | 1           | Support-Radiator        | 33          | 321-11             | 2           | Screw-HH                |
| 12          | 92-6064            | 2           | Clamp-R                 | 34          | 114-4902           | 1           | Plate-Cover             |
| 13          | 121-1685           | 1           | Foam-Radiator, Lower    | 35          | 114-4901           | 1           | Clamp                   |
| 14          | 110-9662           | 1           | Hose-Fuel               | 36          | 322-4              | 2           | Screw-HH                |
| 15          | 144-6219           | 1           | Reservoir-Coolant ASM   | 37          | 104-7201           | 4           | Nut-HF, NI              |
| 15:1        | 87-7050            | 1           | Cap-Reservoir           | 38          | 120-8984           | 1           | Bracket-Clamp           |
| 16          | 130-0603-0P        | 1           | Bracket-Mount, Bottle   | 39          | 100-5565           | 1           | Fitting-STR             |
| 17          | 3256-3             | 8           | Washer-Flat             | 39:1        | 237-146            | 1           | O-Ring                  |
| 18          | 322-1              | 8           | Screw-HH                | 39:2        | 340-65             | 1           | O-Ring                  |
| 19          | 121-1746           | 1           | Hose-Radiator, Lower    | 40          | 106-2030           | 1           | Plug-Hex, Hollow        |
| 20          | 2412-111           | 4           | Clamp-Hose, W/Liner     | 40:1        | 237-146            | 1           | O-Ring                  |
| 21          | 121-1747           | 1           | Hose-Radiator, Upper    | 41          | 304-46             | 1           | Draincock               |
| 22          | 121-1517           | 1           | Shroud-Radiator, Lower  | 42          | 3230-23            | 1           | Bolt-CARR               |
| 23          | 121-1515           | 1           | Shroud-Radiator, Upper  | 43          | 3229-11            | 2           | Screw-CARR              |
| 24          | 2412-110           | 1           | Clamp-Band/Screw        | 44          | 139-0989-0P        | 1           | Plate                   |

# Fan Mounting and Hardline Assembly



## Fan Mounting and Hardline Assembly (continued)

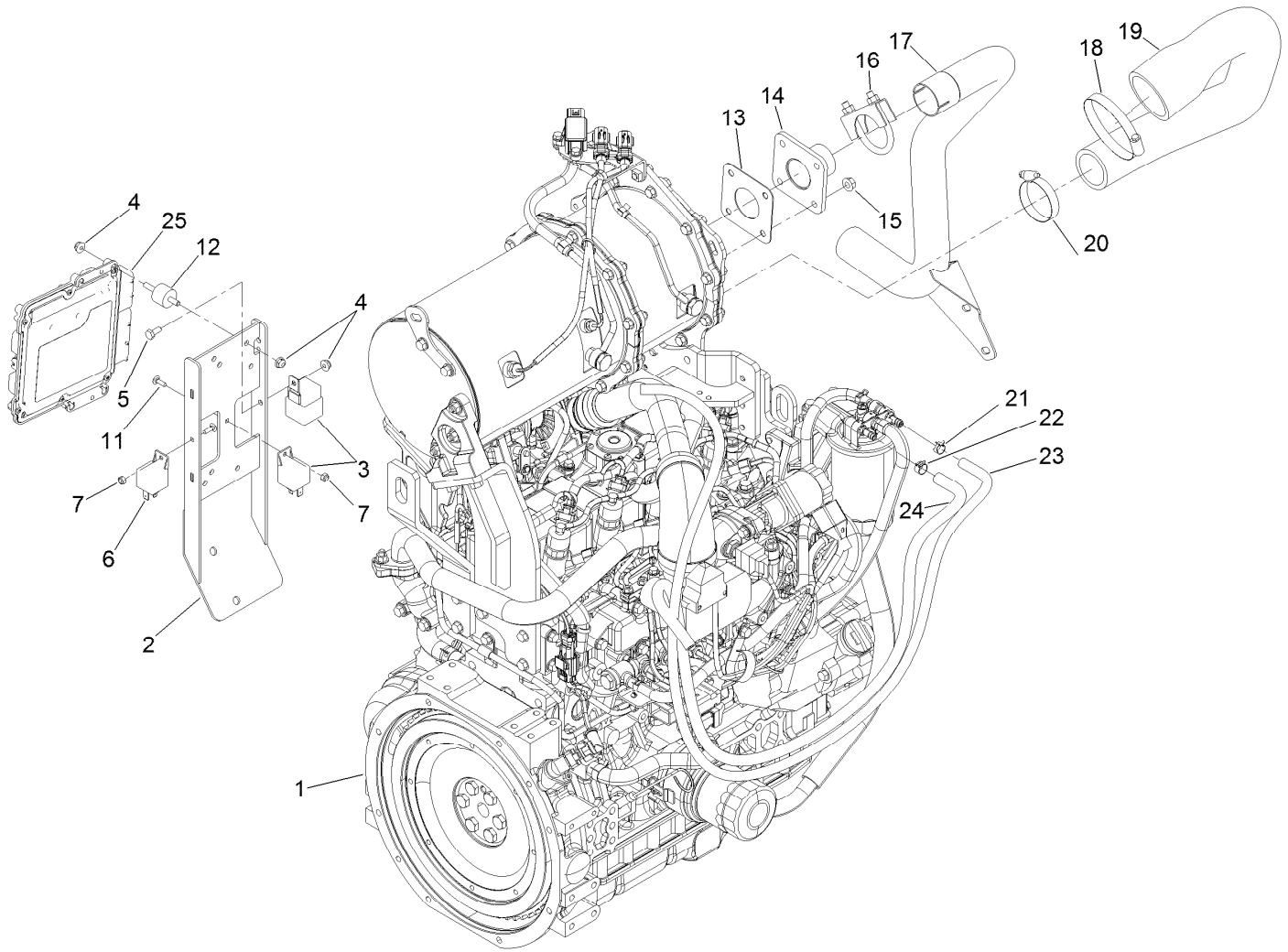
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|-----------------------|
| 1           | 99-6810            | 6           | Screw-HHF          | 12          | 137-5554           | 1           | Tube ASM              |
| 2           | 324-5              | 2           | Screw-HH           | 12:1        | 237-30             | 1           | O-Ring                |
| 3           | 3256-25            | 2           | Washer-Flat        | 13          | 137-5555           | 1           | Tube ASM              |
| 4           | 340-2              | 1           | Fitting-Straight   | 13:1        | 237-22             | 1           | O-Ring                |
| 4:1         | 237-22             | 1           | O-Ring             | 14          | 137-5553           | 1           | Tube ASM              |
| 4:2         | 237-42             | 1           | O-Ring             | 14:1        | 237-30             | 1           | O-Ring                |
| 5           | 340-4              | 2           | Fitting-Straight   | 15          | 115-8486           | 4           | Screw-HH              |
| 5:1         | 237-30             | 1           | O-Ring             | 16          | 80-6990            | 4           | Washer-Hardened       |
| 5:2         | 237-79             | 1           | O-Ring             | 17          | 3296-48            | 2           | Nut-Hex               |
| 6           | 137-5594           | 1           | Mount-Fan          | 18          | 104-7201           | 6           | Nut-HF, NI            |
| 7           | 140-6482           | 1           | Hub-Fan            | 19          | 137-5571           | 1           | Hydraulic Motor ASM   |
| 8           | 114-3825           | 1           | Fan                | 20          | 340-129            | 1           | Fitting-Elbow, 90 DEG |
| 9           | 340-70             | 1           | Nut-Lock           | 20:1        | 237-146            | 1           | O-Ring                |
| 10          | 340-127            | 2           | Nut-Bulkhead       | 20:2        | 340-65             | 1           | O-Ring                |
| 11          | 121-1518           | 1           | Shim-Support       |             |                    |             |                       |



## Hydraulic Motor Assembly No. 137-5571

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 139-1019    | 1    | Seal Kit                |
| 1:1  |             | 1    | Seal-Shaft ●            |
| 1:2  |             | 2    | Seal-Plate, Balancing ● |
| 1:3  |             | 2    | Seal-Anti Extrusion ●   |
| 1:4  |             | 1    | O-Ring (Housing) ●      |
| 1:5  |             | 2    | Seal-Square ●           |

● Not serviced separately

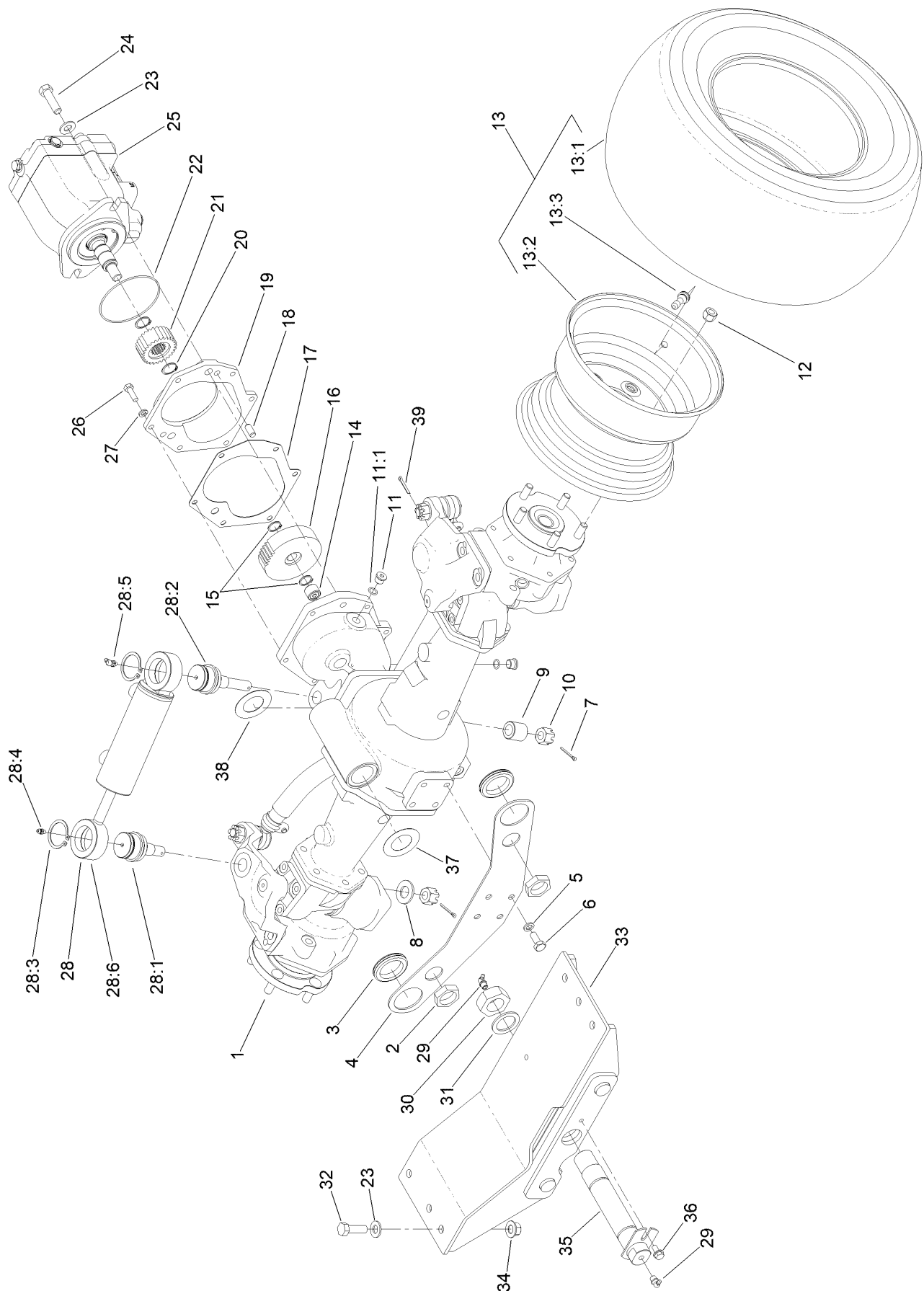


## Engine and Controller Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 138-6917    | 1    | Engine-Yanmar    |
| 2    | 136-4430-0P | 1    | Mount-Controller |
| 3    | 99-7430     | 1    | Relay-Mini       |
| 4    | 104-7201    | 9    | Nut-HF, NI       |
| 5    | 321-3       | 1    | Screw-HH         |
| 6    | 99-7435     | 2    | Relay            |
| 7    | 3296-2      | 2    | Nut-Lock, NI     |
| 11   | 1-807533    | 2    | Bolt-CARR        |
| 12   | 132-1356    | 4    | Mount-Isolator   |
| 13   | 121-3058    | 1    | Gasket-Exhaust   |
| 14   | 121-3060    | 1    | Flange-Exhaust   |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 15   | 33004-00    | 4    | Nut-HF                   |
| 16   | 18-2130     | 1    | Clamp                    |
| 17   | 121-1613    | 1    | Pipe-Exhaust             |
| 18   | 2412-110    | 1    | Clamp-Band/Screw         |
| 19   | 121-1475    | 1    | Hose-Outlet, Air Cleaner |
| 20   | 2412-130    | 1    | Clamp-Hose               |
| 21   | 2412-98     | 1    | Clamp-Hose               |
| 22   | 92-2379     | 1    | Clamp-Hose               |
| 23   | 115-2368    | 1    | Hose-Fuel                |
| 24   | 110-4007    | 1    | Hose-Fuel                |
| 25   | 121-5592    | 1    | Electronic Control Unit  |

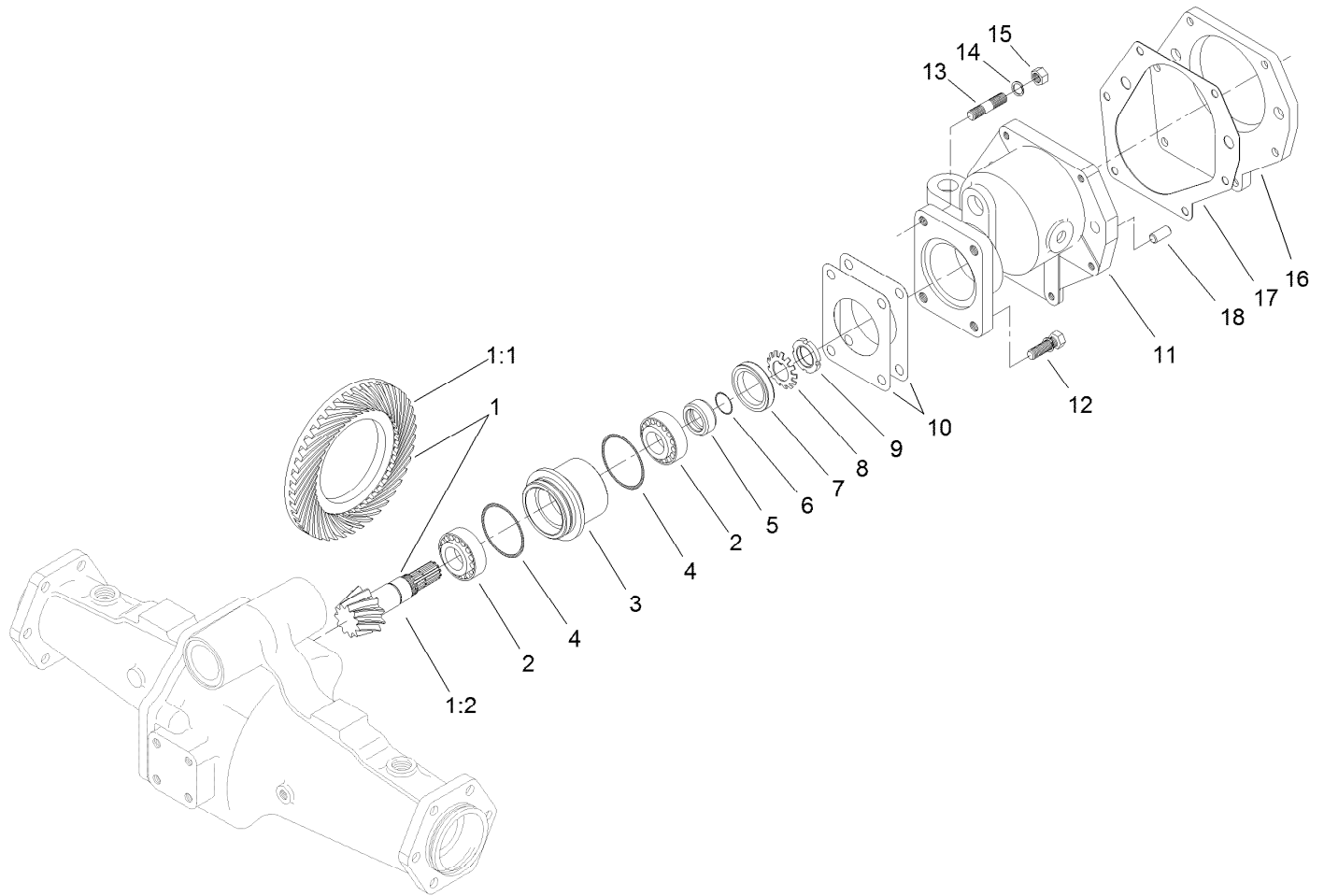
# Rear Axle and Steering Cylinder Assembly



## Rear Axle and Steering Cylinder 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           | 110-4750           | 1           | Drive Axle ASM         | 22          | 237-166            | 1           | O-Ring                    |
| 2           | 340-126            | 2           | Nut-Bulkhead           | 23          | 3256-26            | 8           | Washer-Flat               |
| 3           | 240-2              | 2           | Grommet-Rubber         | 24          | 325-7              | 2           | Screw-HH                  |
| 4           | 120-9069-03        | 1           | Plate-Mount, Bulkhead  | 25          | 120-8814           | 1           | HYD Motor ASM             |
| 5           | 43-0090            | 4           | Screw-HH               | 26          | 33114-025          | 6           | Screw-HH                  |
| 6           | 48-9590            | 4           | Washer-Lock            | 27          | 3253-4             | 6           | Washer-Lock               |
| 7           | 3272-12            | 2           | Pin-Cotter             | 28          | 121-1535           | 1           | Steering Cylinder ASM     |
| 8           | 92-5836            | 1           | Washer                 | 28:1        | 106-6774           | 1           | Joint-Ball                |
| 9           | 100-3796           | 1           | Spacer-Joint, Ball     | 28:2        | 100-3795           | 1           | Joint-Ball                |
| 10          | 32136-14           | 2           | Nut-Hst                | 28:3        | 32151-104          | 2           | Ring-Retaining, External  |
| 11          | 353-989            | 2           | Plug-Hex, Hollow       | 28:4        | 302-5              | 1           | Fitting-Grease            |
| 11:1        | 237-42             | 1           | O-Ring                 | 28:5        | 302-60             | 1           | Fitting-Grease            |
| 12          | 93-5268            | 10          | Nut-Lug                | 28:6        | 121-1534           | 1           | HYD Steering Cylinder ASM |
| 13          |                    | 2           | Tire And Wheel ASM ●   | 29          | 302-33             | 2           | Fitting-Grease            |
| 13:1        | 120-8910           | 1           | Tire-Off Road          | 30          | 3296-68            | 1           | Nut-Lock, NI              |
| 13:2        | 120-8909           | 1           | Rim                    | 31          | 92-1765            | 1           | Washer-Thrust             |
| 13:3        | 232-27             | 1           | Stem-Valve             | 32          | 325-6              | 6           | Screw-HH                  |
| 14          | 74-5700            | 1           | Bearing-Needle, Roller | 33          | 130-2744-03        | 1           | Mount-Rear                |
| 15          | 32120-15           | 2           | Ring-Snap, EXT         | 34          | 99-5107            | 6           | Nut-HF Nylock             |
| 16          | 100-3053           | 1           | Gear-45 Tooth          | 35          | 145-8330           | 1           | Pin-Axle, Rear            |
| 17          | 106-1140           | 1           | Gasket                 | 36          | 32144-14           | 1           | Screw-HWHTF               |
| 18          | 104-2353           | 2           | Pin-Dowel              | 37          | 99-8431            | 2           | Washer-Thrust             |
| 19          | 95-7541            | 1           | Plate-Cover            | 38          | 99-8432            | 2           | Washer-Thrust             |
| 20          | 32120-76           | 2           | Ring-Snap, EXT         | 39          | 3272-11            | 2           | Pin-Cotter                |
| 21          | 104-0755           | 1           | Pinion-27 Tooth        |             |                    |             |                           |

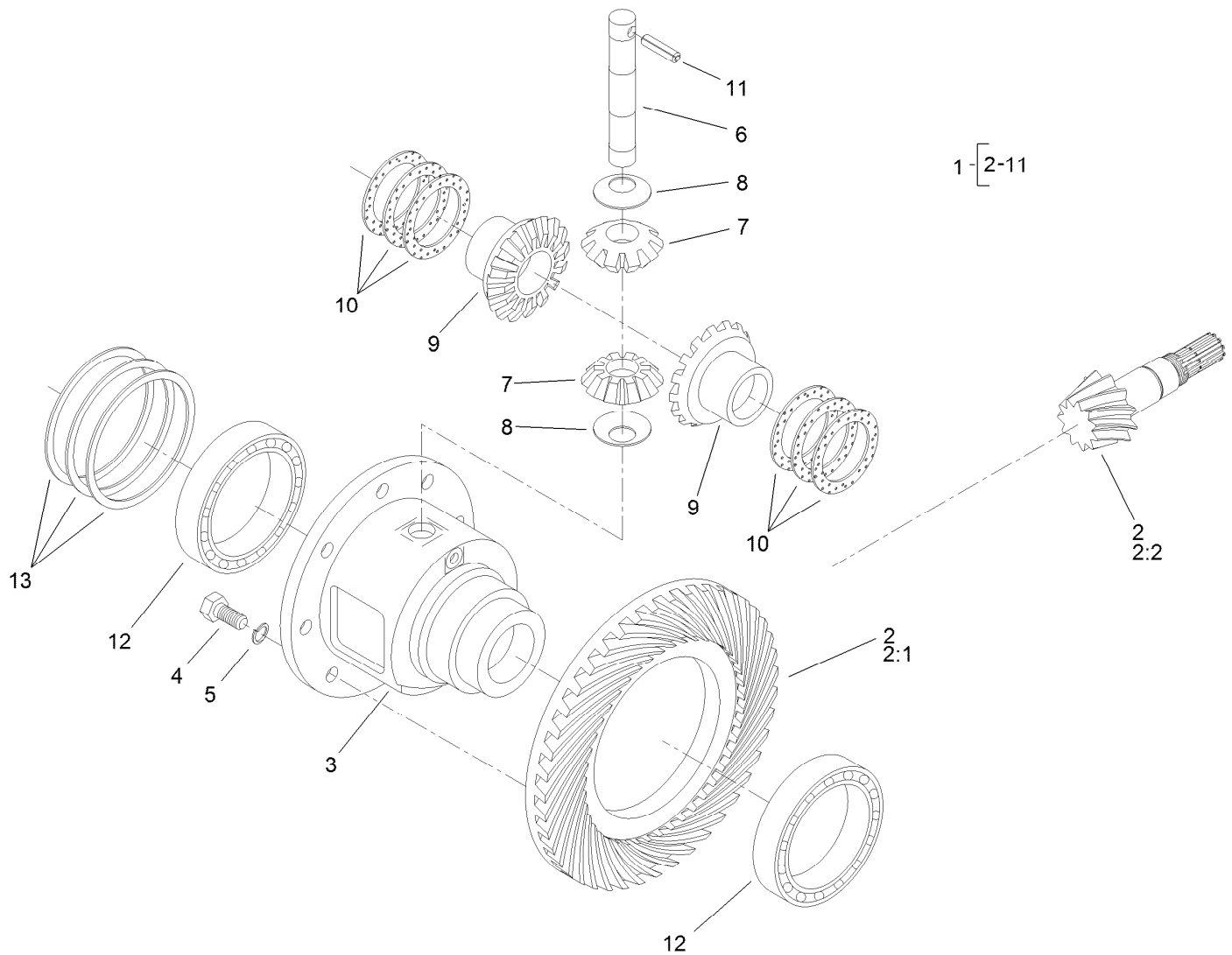
● Not serviced separately



## Bevel Pinion Shaft Assembly Rear Axle Assembly No. 110-4750

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>          |
|-------------|--------------------|-------------|-----------------------------|
| 1           | 106-1093           | 1           | Ring And Pinion Set         |
| 1:1         | 95-7504            | 1           | Gear-43 Tooth, Bevel Spiral |
| 1:2         | 106-1092           | 1           | Pinion-Spiral, Bevel        |
| 2           | 99-7570            | 2           | Bearing-Roller, Taper       |
| 3           | 95-7534            | 1           | Case-Bearing                |
| 4           | 106-1065           | 2           | O-Ring                      |
| 5           | 99-7572            | 1           | Collar-Seal, Oil            |
| 6           | 106-1066           | 1           | O-Ring                      |
| 7           | 99-7574            | 1           | Seal-Oil                    |
| 8           | 99-7559            | 1           | Washer-Lock                 |
| 9           | 99-7560            | 1           | Nut-Lock                    |

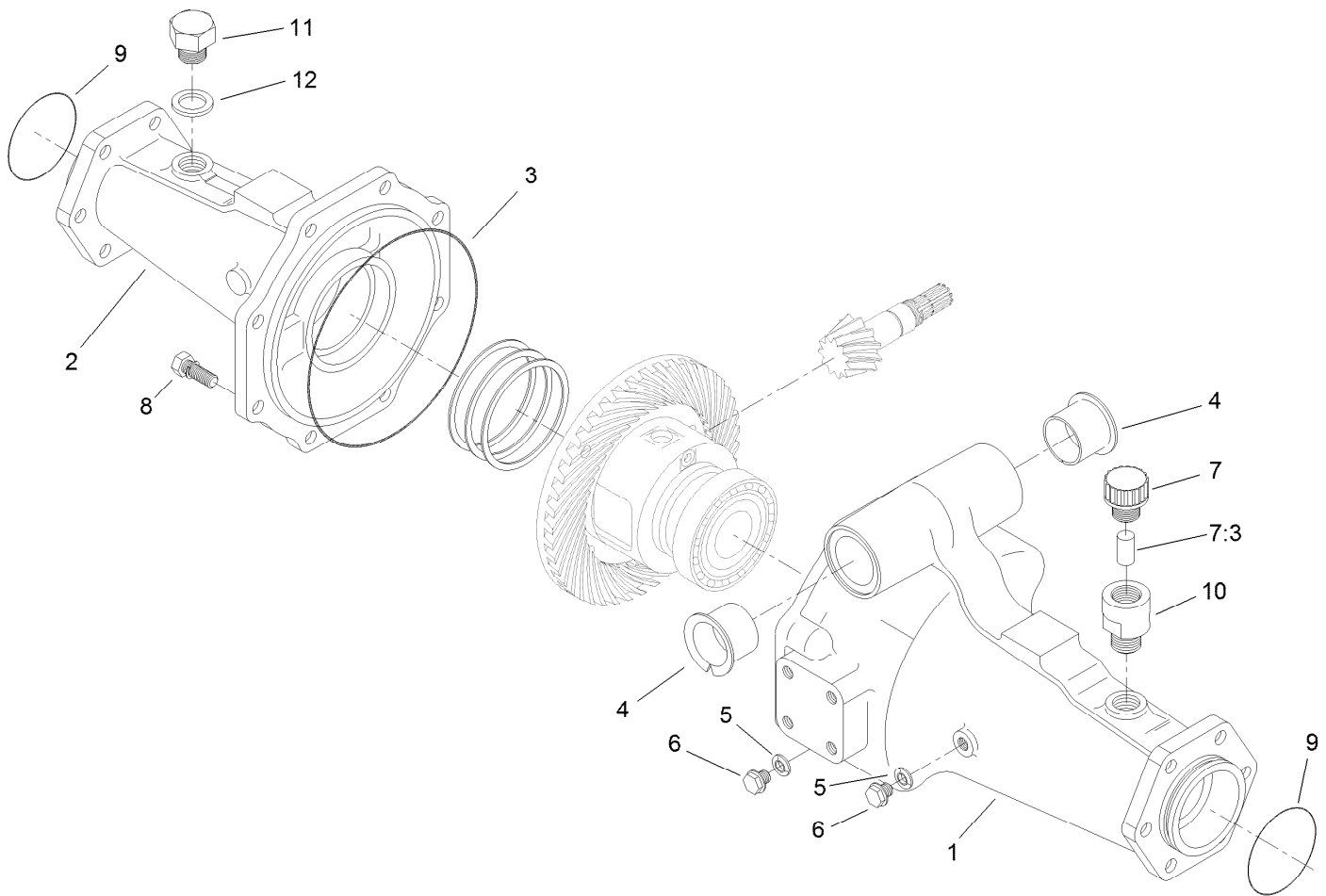
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 99-7550            | 2           | Shim 0.1           |
| 10          | 99-7551            | 2           | Shim 0.2           |
| 11          | 95-7533            | 1           | Case-Gear          |
| 12          | 99-7575            | 2           | Bolt               |
| 13          | 98-7735            | 2           | Stud               |
| 14          | 99-7527            | 2           | Washer-Spring      |
| 15          | 99-7526            | 2           | Nut                |
| 16          | 95-7541            | 1           | Plate-Cover        |
| 17          | 106-1140           | 1           | Gasket             |
| 18          | 104-2353           | 2           | Pin-Dowel          |



## Differential Assembly Rear Axle Assembly No. 110-4750

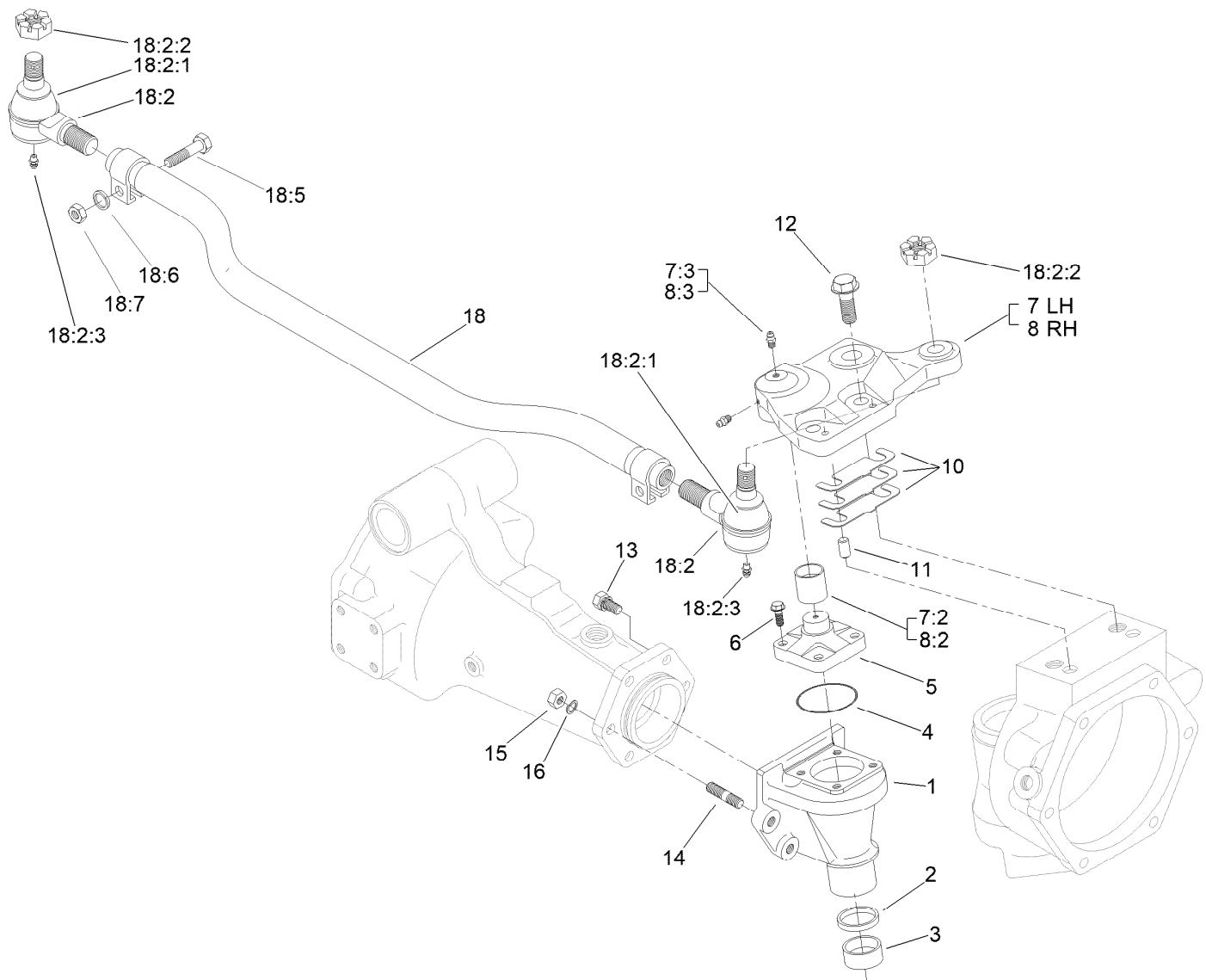
| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 95-7503     | 1    | Differential ASM            |
| 2    | 106-1093    | 1    | Ring And Pinion Set         |
| 2:1  | 95-7504     | 1    | Gear-43 Tooth, Bevel Spiral |
| 2:2  | 106-1092    | 1    | Pinion-Spiral, Bevel        |
| 3    | 95-7502     | 1    | Case-Differential           |
| 4    | 99-7576     | 8    | Bolt                        |
| 5    | 3253-4      | 8    | Washer-Lock                 |
| 6    | 99-7578     | 1    | Shaft-Differential          |
| 7    | 99-7579     | 2    | Pinion-Differential         |
| 8    | 145-5288    | 2    | Washer-Pinion, Differential |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 9    | 99-7581     | 2    | Gear-Differential   |
| 10   | 99-7582     | 2    | Washer-Differential |
| 10   | 99-7583     | 2    | Washer-Differential |
| 10   | 99-7584     | 2    | Washer-Differential |
| 11   | 99-7588     | 1    | Pin-Spring          |
| 12   | 99-7562     | 2    | Bearing-Ball        |
| 13   | 99-7585     | 2    | Shim 0.1            |
| 13   | 99-7586     | 2    | Shim 0.2            |
| 13   | 99-7587     | 2    | Shim 0.4            |



## Axle Support Assembly Rear Axle Assembly No. 110-4750

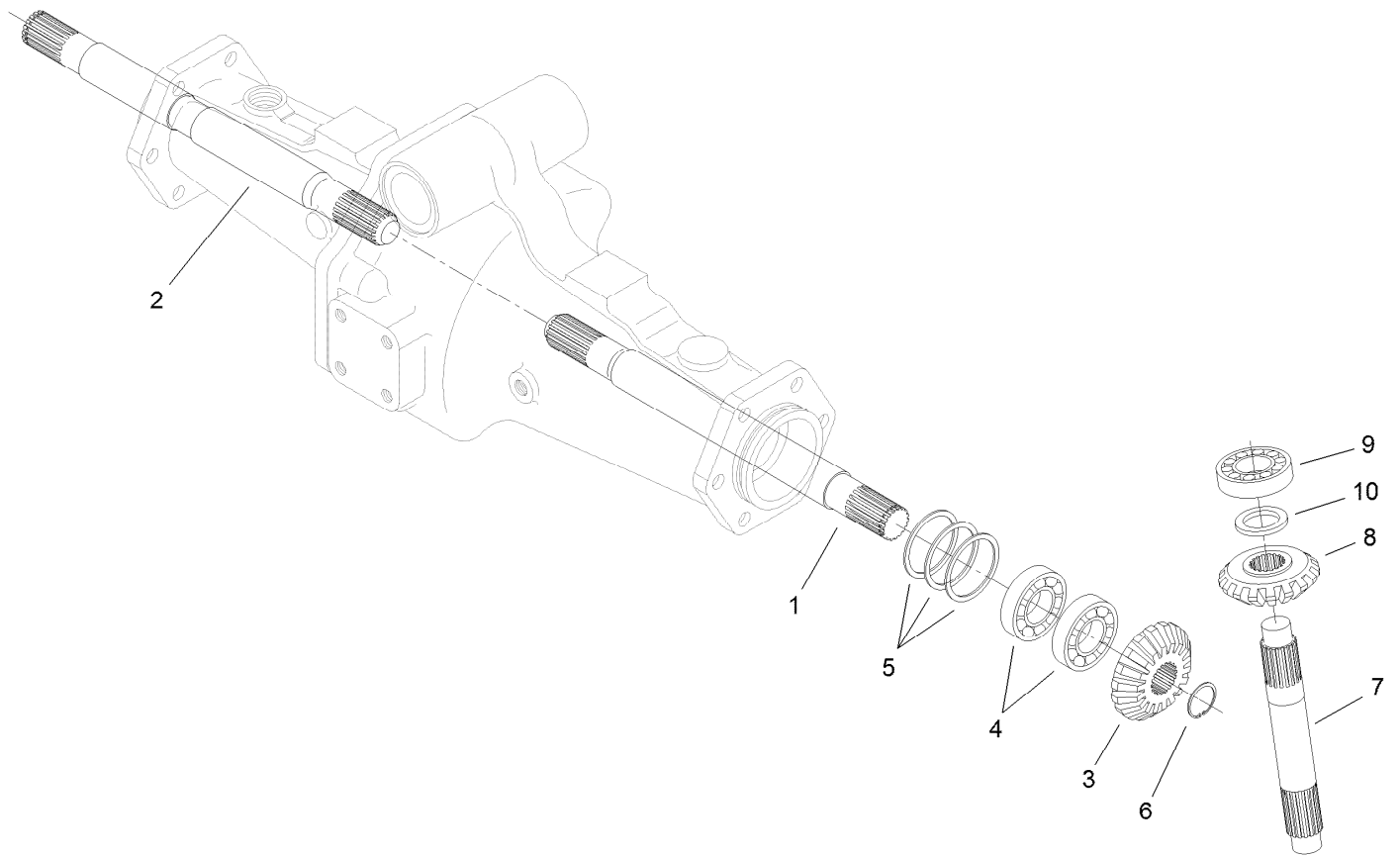
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 95-7508     | 1    | Support-Axle        |
| 2    | 95-7506     | 1    | Support-Axle        |
| 3    | 106-1067    | 1    | O-Ring              |
| 4    | 95-7537     | 2    | Bushing-Flanged     |
| 5    | 99-7590     | 2    | Washer-Seal         |
| 6    | 99-7589     | 2    | Plug                |
| 7    | 110-4812    | 1    | Axle Vent ASM       |
| 7:3  | 110-4815    | 1    | Insert-Filter, Foam |
| 8    | 99-7592     | 8    | Bolt                |
| 9    | 106-1068    | 2    | O-Ring              |
| 10   | 104-2377    | 1    | Extension-Vent      |
| 11   | 104-8643    | 1    | Plug                |
| 12   | 104-8644    | 1    | O-Ring              |



## Bevel Gear Case Assembly Rear Axle Assembly No. 110-4750

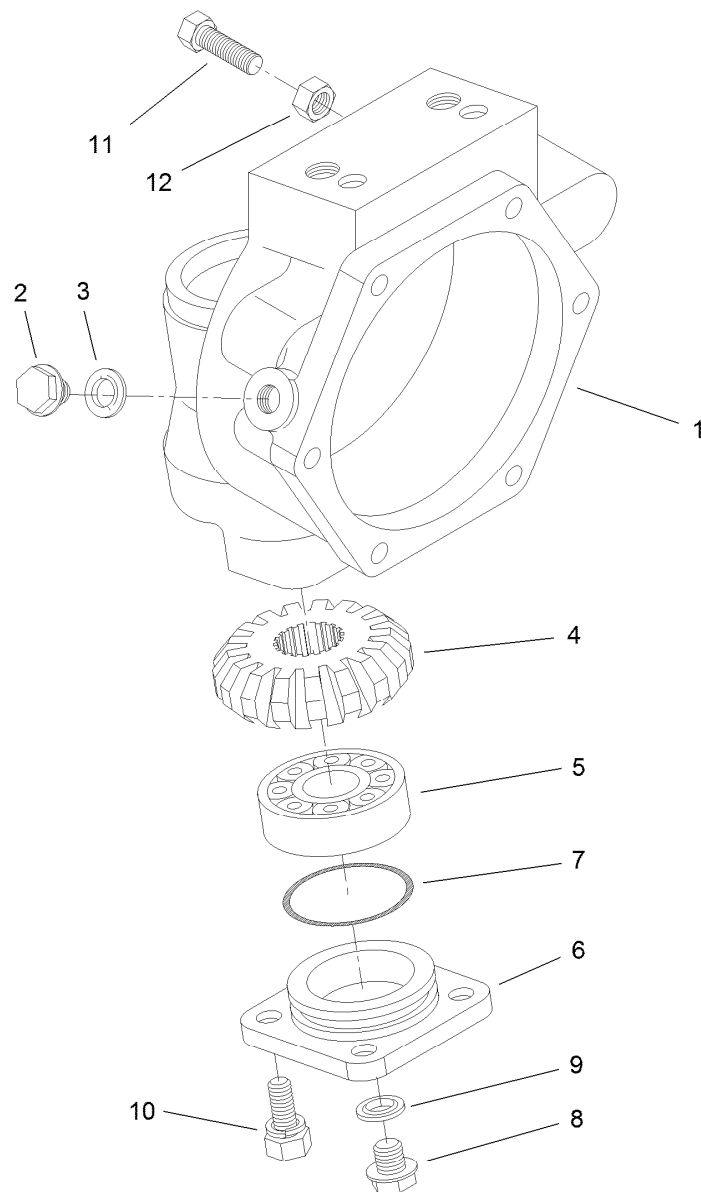
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 110-4752    | 2    | Case-Gear, Bevel    |
| 2    | 110-4754    | 2    | Seal-Oil            |
| 3    | 104-2378    | 2    | Bushing             |
| 4    | 106-1069    | 2    | O-Ring              |
| 5    | 104-2373    | 2    | Knuckle             |
| 6    | 104-2374    | 8    | Bolt                |
| 7    | 100-3768    | 1    | LH Steering Arm ASM |
| 7:2  | 104-8634    | 1    | Bushing             |
| 7:3  | 106-1104    | 2    | Fitting-Grease      |
| 8    | 100-3766    | 1    | RH Steering Arm ASM |
| 8:2  | 104-8634    | 1    | Bushing             |
| 8:3  | 106-1104    | 2    | Fitting-Grease      |
| 10   | 95-7547     | 2    | Shim 0.1            |
| 10   | 95-7548     | 2    | Shim 0.2            |
| 10   | 95-7549     | 2    | Shim 0.3            |

| Ref.   | Part Number | Qty. | Description                 |
|--------|-------------|------|-----------------------------|
| 11     | 99-7597     | 4    | Pin-Dowel                   |
| 12     | 104-2375    | 4    | Bolt                        |
| 13     | 99-7599     | 8    | Bolt                        |
| 14     | 99-7525     | 4    | Stud                        |
| 15     | 99-7526     | 4    | Nut                         |
| 16     | 99-7527     | 4    | Washer-Spring               |
| 18     | 106-1141    | 1    | Steering Tie Rod ASM        |
| 18:2   | 106-1113    | 2    | Tie Rod End ASM - RH Thread |
| 18:2:1 | 100-3853    | 1    | Cover-Dust                  |
| 18:2:2 | 100-3854    | 1    | Nut-Castle                  |
| 18:2:3 | 110-4755    | 1    | Fitting-Grease              |
| 18:5   | 100-3855    | 2    | Bolt                        |
| 18:6   | 99-7527     | 2    | Washer-Spring               |
| 18:7   | 99-7526     | 2    | Nut                         |



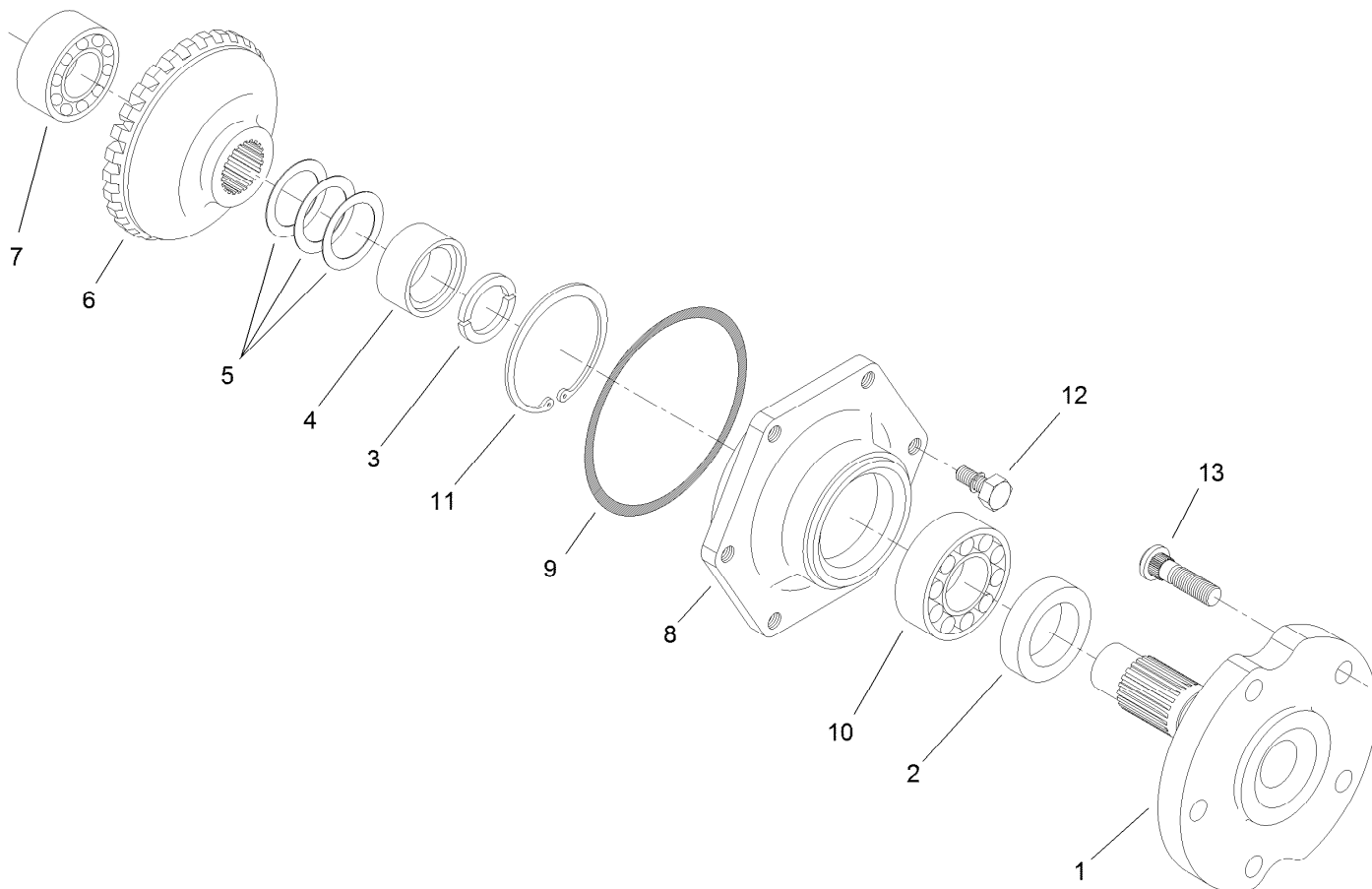
## Bevel Gear Shaft Assembly Rear Axle Assembly No. 110-4750

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       |
|-------------|--------------------|-------------|--------------------------|
| 1           | 95-7509            | 1           | Shaft-Gear, Differential |
| 2           | 95-7512            | 1           | Shaft-Gear, Differential |
| 3           | 95-7517            | 2           | Gear-Bevel, 15 Tooth     |
| 4           | 119-8558           | 4           | Bearing-Noseal           |
| 5           | 99-7552            | 2           | Shim 0.1                 |
| 5           | 99-7553            | 2           | Shim 0.2                 |
| 5           | 99-7554            | 2           | Shim 0.5                 |
| 6           | 99-7531            | 2           | Clip                     |
| 7           | 110-4753           | 2           | Shaft-Gear, Bevel        |
| 8           | 95-7519            | 2           | Gear-Bevel, 17 Tooth     |
| 9           | 99-7532            | 2           | Bearing-Roller, Taper    |
| 10          | 99-7558            | 2           | Collar                   |



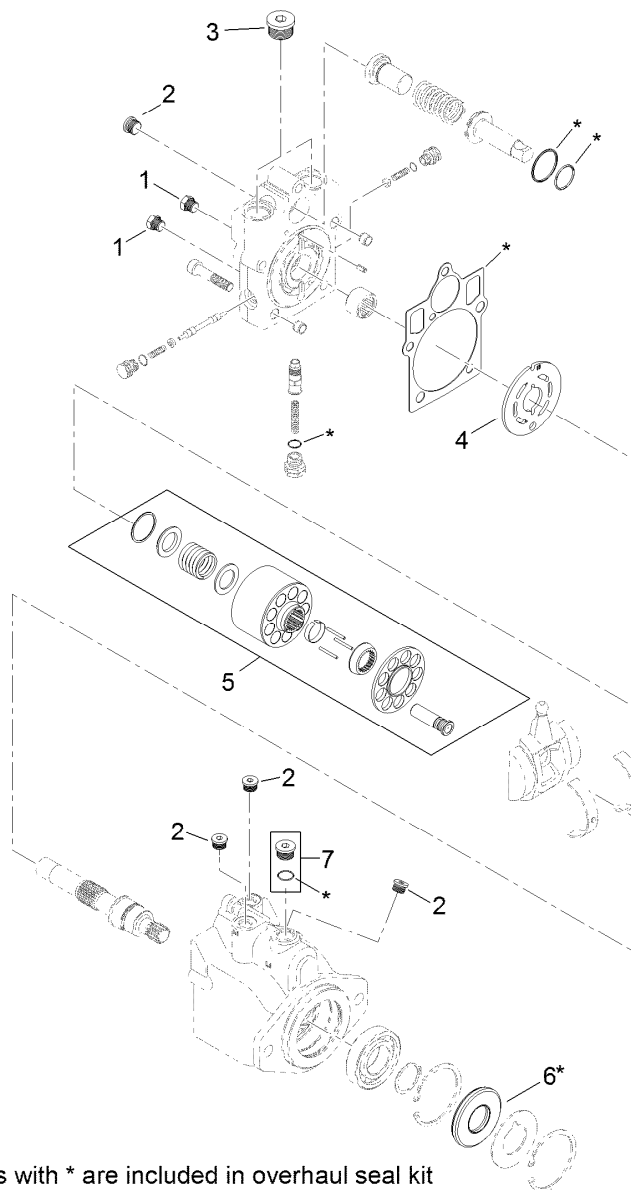
## Axle Case Assembly Rear Axle Assembly No. 110-4750

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 1           | 110-4751           | 2           | Case-Axle             |
| 2           | 99-7535            | 2           | Plug                  |
| 3           | 99-7536            | 2           | Washer-Seal           |
| 4           | 95-7527            | 2           | Gear-Bevel, 17 Tooth  |
| 5           | 99-7532            | 2           | Bearing-Roller, Taper |
| 6           | 100-2560           | 2           | Cover                 |
| 7           | 106-1070           | 2           | O-Ring                |
| 8           | 99-7589            | 2           | Plug                  |
| 9           | 99-7590            | 2           | Washer-Seal           |
| 10          | 100-2562           | 8           | Bolt                  |
| 11          | 106-1102           | 2           | Bolt-Stop             |
| 12          | 106-1103           | 2           | Nut                   |



## Axle Assembly Rear Axle Assembly No. 110-4750

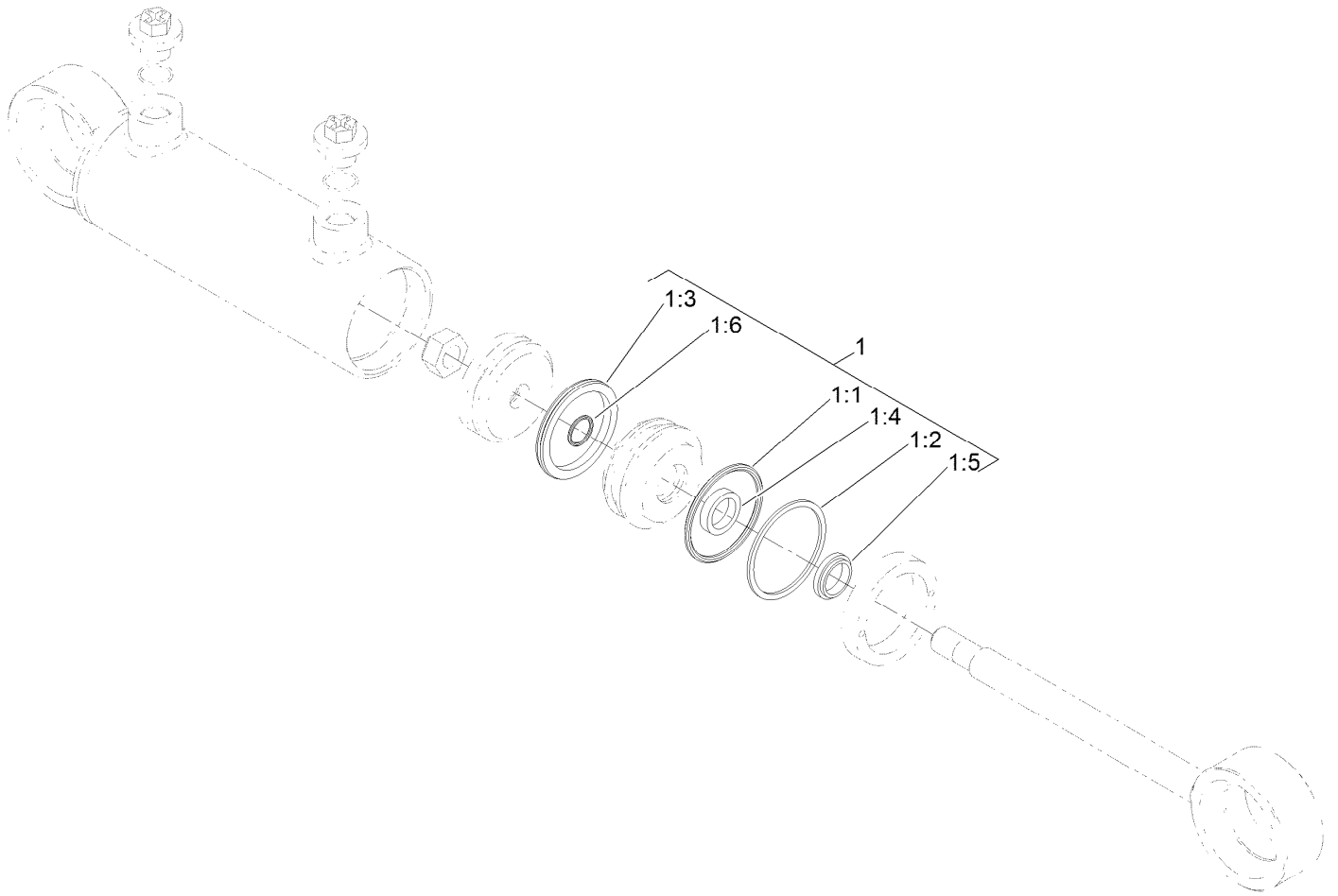
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 95-7522     | 2    | Axle                 |
| 2    | 99-7564     | 2    | Seal-Oil             |
| 3    | 95-7544     | 4    | Clip                 |
| 4    | 95-7523     | 2    | Spacer               |
| 5    | 99-7555     | 2    | Shim 0.3             |
| 5    | 99-7556     | 2    | Shim 0.2             |
| 5    | 99-7557     | 2    | Shim 0.5             |
| 6    | 95-7524     | 2    | Gear-Bevel, 29 Tooth |
| 7    | 99-7534     | 2    | Bearing-Ball         |
| 8    | 95-7521     | 2    | Cover-Axle           |
| 9    | 106-1071    | 2    | O-Ring               |
| 10   | 93-7775     | 2    | Bearing-Ball         |
| 11   | 99-7539     | 2    | Clip                 |
| 12   | 104-2374    | 12   | Bolt                 |
| 13   | 99-7563     | 10   | Stud                 |



8 = all items with \* are included in overhaul seal kit

## Hydraulic Motor Assembly No. 120-8814

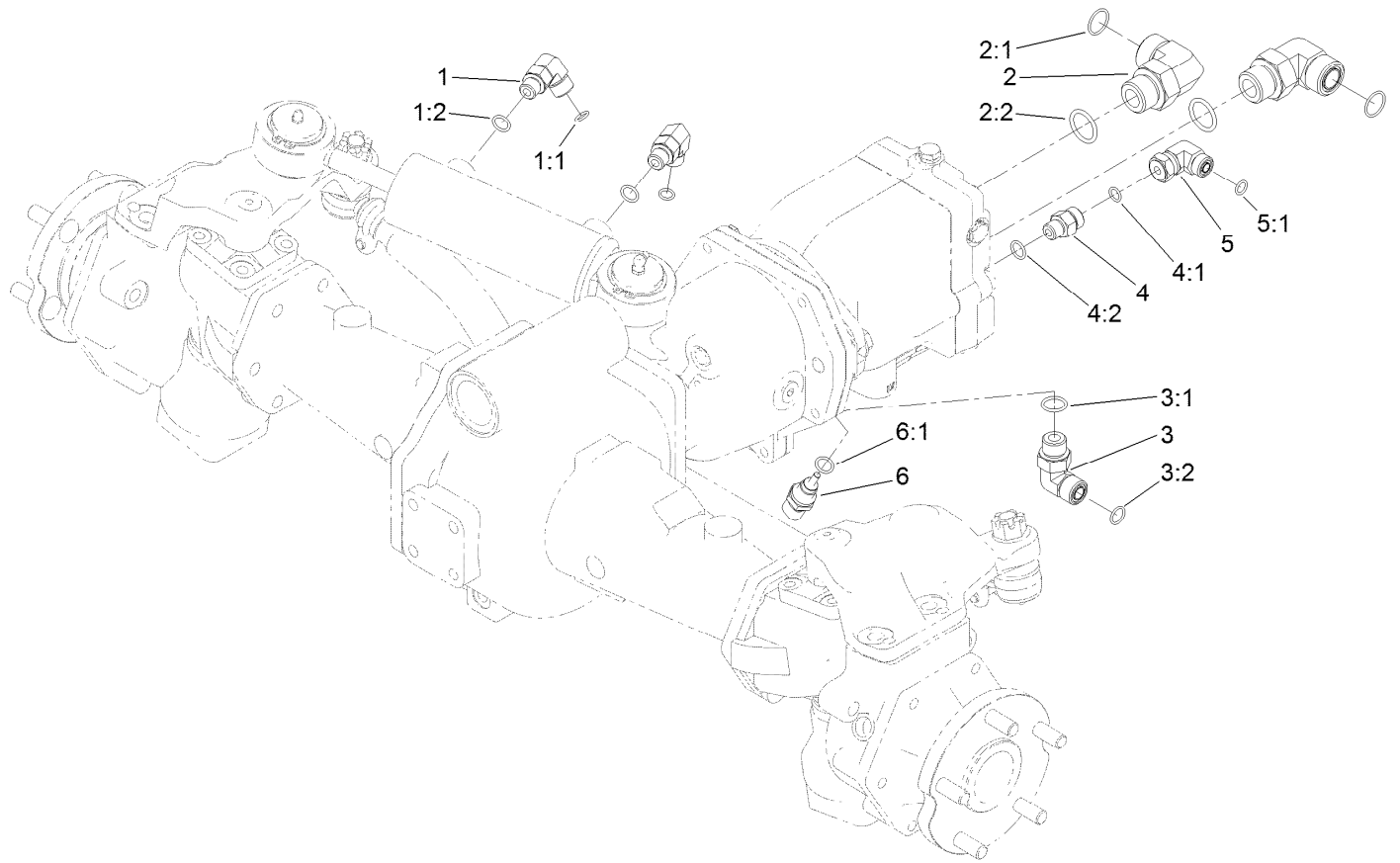
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 92-1352     | 2    | Plug                   |
| 2    | 69-3080     | 5    | Plug                   |
| 3    | 69-3130     | 2    | Plug                   |
| 4    | 121-1734    | 1    | Plate-Valve            |
| 5    | 110-6472    | 1    | Cylinder Block Kit ASM |
| 6    | 69-3190     | 1    | Seal-Lip               |
| 7    | 67-9090     | 1    | Plug                   |
| 8    | 121-1736    | 1    | Overhaul Seal Kit      |



## Steering Cylinder Assembly No. 121-1534

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 125-4302           | 1           | Seal Kit           |
| 1:1         |                    | 1           | O-Ring ●           |
| 1:2         |                    | 1           | Backup ●           |
| 1:3         |                    | 1           | Bp Seal ●          |
| 1:4         |                    | 1           | Bt Seal ●          |
| 1:5         |                    | 1           | Dust Seal ●        |
| 1:6         |                    | 1           | O-Ring ●           |

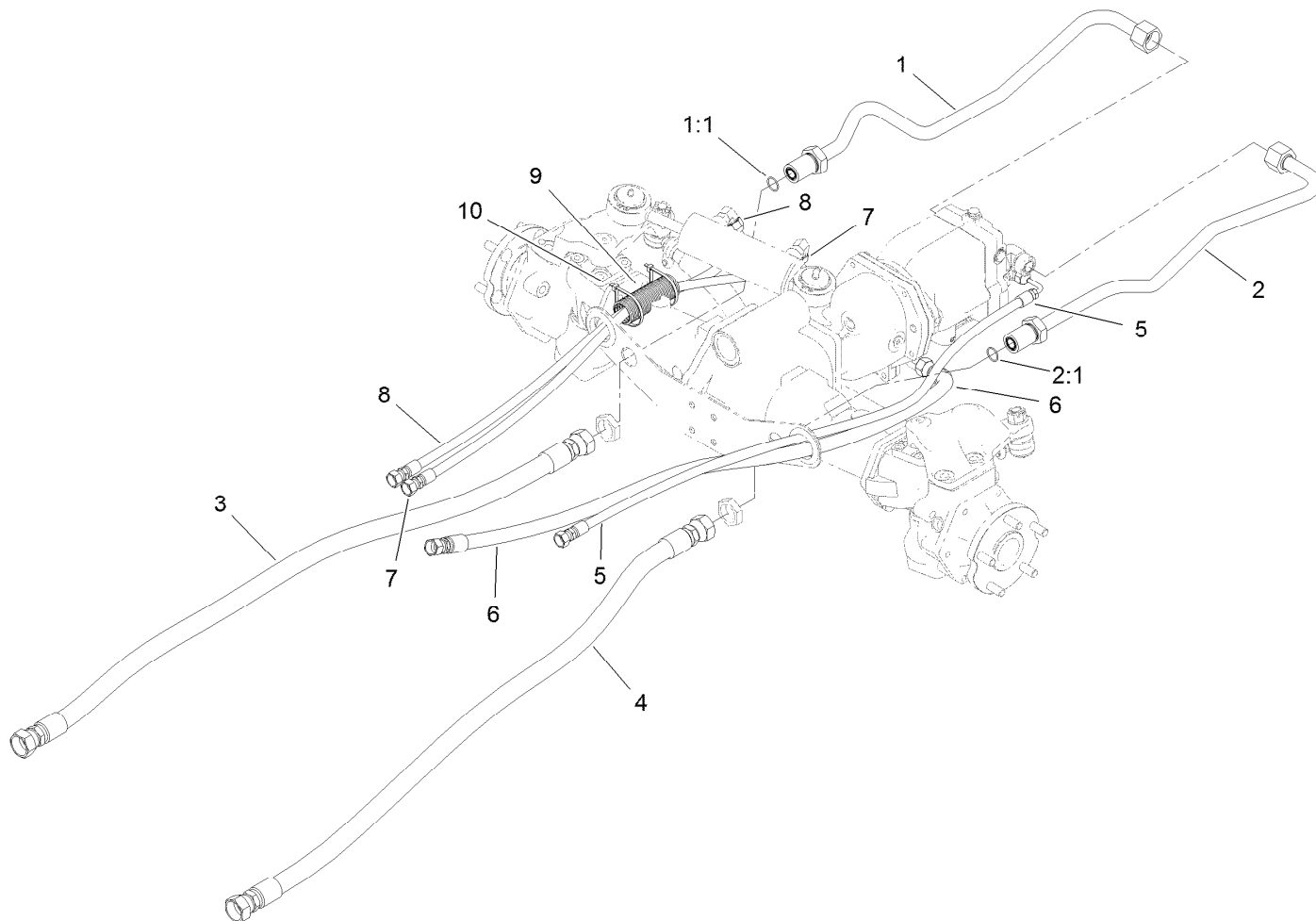
● Not serviced separately



## Hydraulic Fitting Assembly

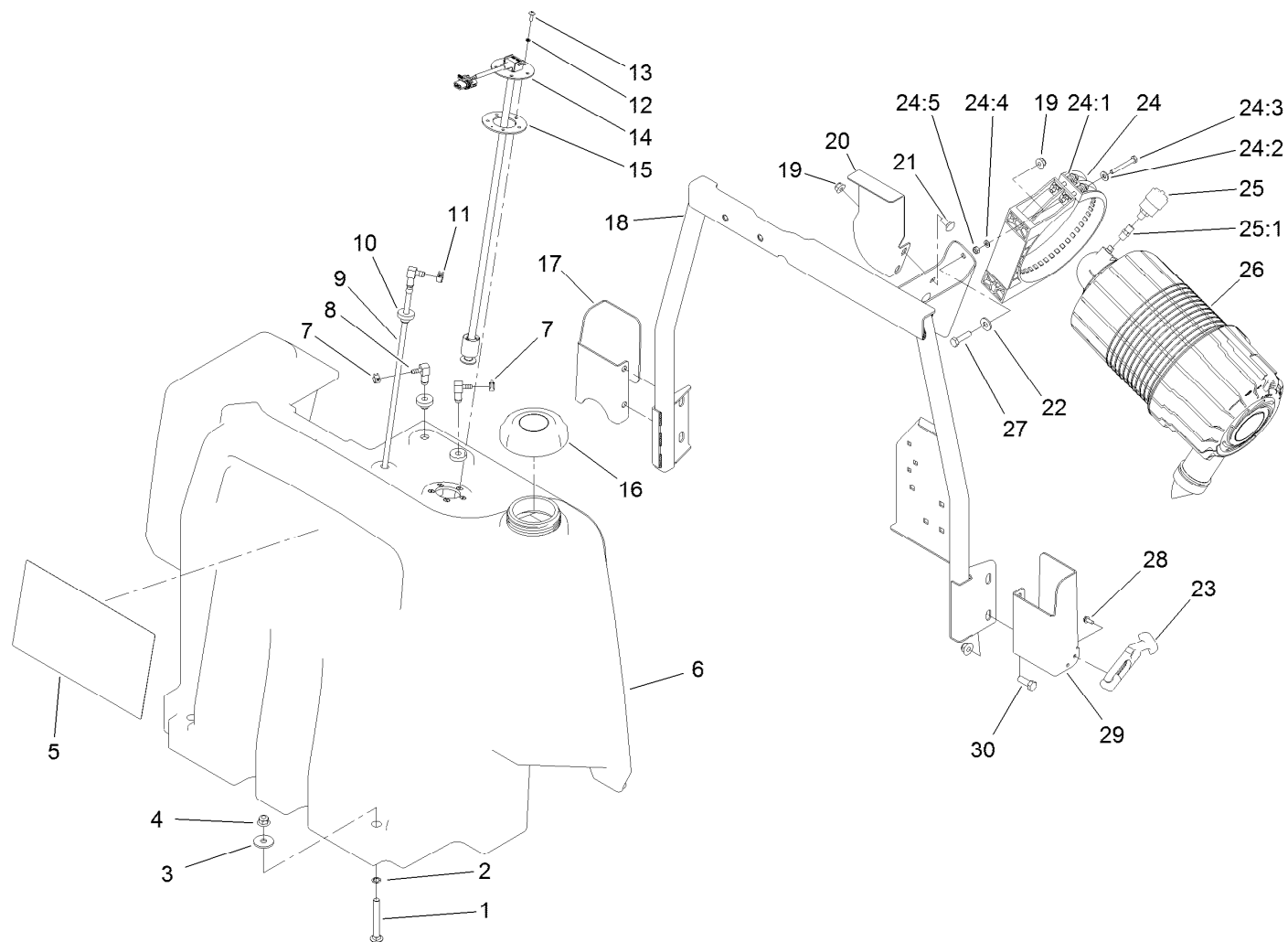
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 340-77      | 2    | Fitting-Elbow, 90 DEG |
| 1:1  | 237-22      | 1    | O-Ring                |
| 1:2  | 237-42      | 1    | O-Ring                |
| 2    | 340-142     | 2    | Fitting-Elbow, 90 DEG |
| 2:1  | 237-58      | 1    | O-Ring                |
| 2:2  | 237-81      | 1    | O-Ring                |
| 3    | 340-98      | 1    | Fitting-Elbow, 90 DEG |
| 3:1  | 237-79      | 1    | O-Ring                |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 3:2  | 237-30      | 1    | O-Ring             |
| 4    | 340-2       | 1    | Fitting-Straight   |
| 4:1  | 237-22      | 1    | O-Ring             |
| 4:2  | 237-42      | 1    | O-Ring             |
| 5    | 340-159     | 1    | Elbow-90           |
| 5:1  | 237-22      | 2    | O-Ring             |
| 6    | 110-8829    | 1    | Sender-Temperature |
| 6:1  | 237-42      | 1    | O-Ring             |



## Hose and Tube Routing Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 120-9067           | 1           | HYD Tube ASM       |
| 1:1         | 237-58             | 1           | O-Ring             |
| 2           | 120-9068           | 1           | Tube ASM           |
| 2:1         | 237-58             | 1           | O-Ring             |
| 3           | 121-1502           | 1           | Hose-HYD           |
| 4           | 114-0024           | 1           | Hose-HYD           |
| 5           | 121-1459           | 1           | Hose-HYD           |
| 6           | 121-1458           | 1           | Hose-HYD           |
| 7           | 121-1500           | 1           | Hose-HYD           |
| 8           | 121-1501           | 1           | Hose-HYD           |
| 9           | 121-1544           | 2           | Cover-Hose         |
| 10          | 3290-379           | 4           | Tie-Cable          |

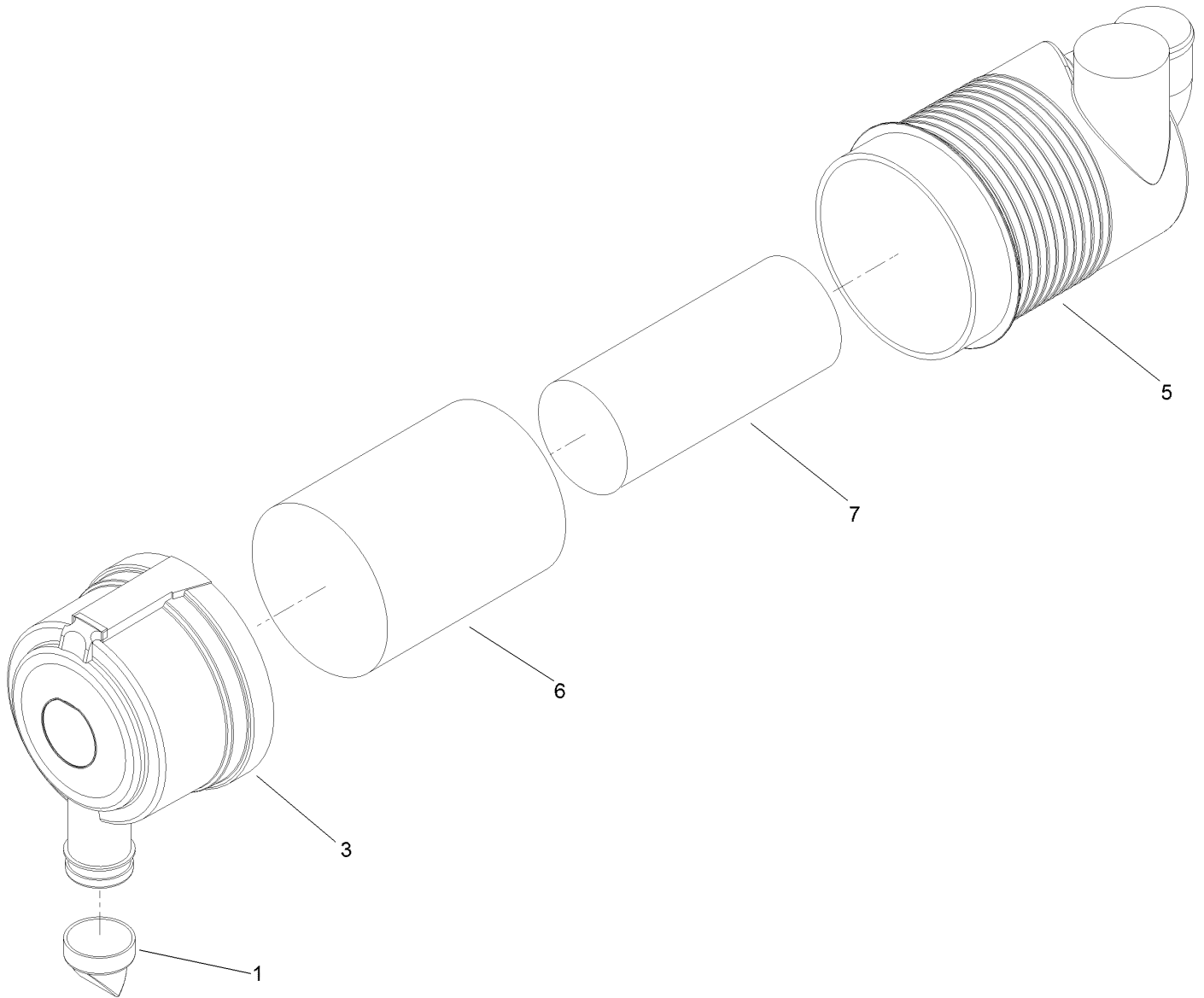


## Fuel Tank and Air Cleaner Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 3231-11     | 2    | Screw-CARR            |
| 2    | 32151-72    | 2    | Ring-Retaining        |
| 3    | 63-8410     | 2    | Washer                |
| 4    | 104-8301    | 6    | Nut-HF, NI            |
| 5    | 144-4163    | 1    | Decal-Service         |
| 6    | 120-4195    | 1    | Tank-Fuel             |
| 7    | 2412-98     | 2    | Clamp-Hose            |
| 8    | 104-5228    | 2    | Fitting-Elbow, 90 DEG |
| 9    | 120-8908    | 1    | Pipe-Stand            |
| 10   | 46-6560     | 3    | Bushing               |
| 11   | 92-2379     | 1    | Clamp-Hose            |
| 12   | 3253-15     | 5    | Washer-Lock           |
| 13   | 32122-24    | 5    | Screw-PTH             |
| 14   | 121-1688    | 1    | Gauge-Fuel            |
| 15   | 121-1707    | 1    | Gasket-Fuel, Viton    |
| 16   | 125-9171    | 1    | Cap-Fuel              |
| 17   | 121-1514-03 | 1    | Bracket-Latch, RH     |
| 18   | 120-4190-0P | 1    | Support-Tank          |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 19   | 104-8300    | 4    | Nut-HF, NI         |
| 20   | 120-4193-0P | 1    | Bracket-Fuel Tank  |
| 21   | 3230-1      | 2    | Bolt-CARR          |
| 22   | 3256-3      | 2    | Washer-Flat        |
| 23   | 103-4080    | 2    | Latch-Rubber       |
| 24   | 99-5414     | 1    | Strap-Cleaner, Air |
| 24:1 | 108-1512    | 2    | Spring             |
| 24:2 | 3256-22     | 2    | Washer-Flat        |
| 24:3 | 33113-050   | 2    | Screw-HH           |
| 24:4 | 33093-00    | 2    | Washer-Flat        |
| 24:5 | 33023-00    | 2    | Nut-Lock           |
| 25   | 104-3563    | 1    | Indicator          |
| 25:1 | 94-1416     | 1    | Adapter-Indicator  |
| 26   | 99-5410     | 1    | Air Cleaner ASM    |
| 27   | 322-6       | 2    | Screw-HH           |
| 28   | 32144-1     | 4    | Screw-Tapitite     |
| 29   | 121-1513-03 | 1    | Bracket-Latch, LH  |
| 30   | 323-6       | 4    | Screw-HH           |

# Air Cleaner Assembly No. 99-5410



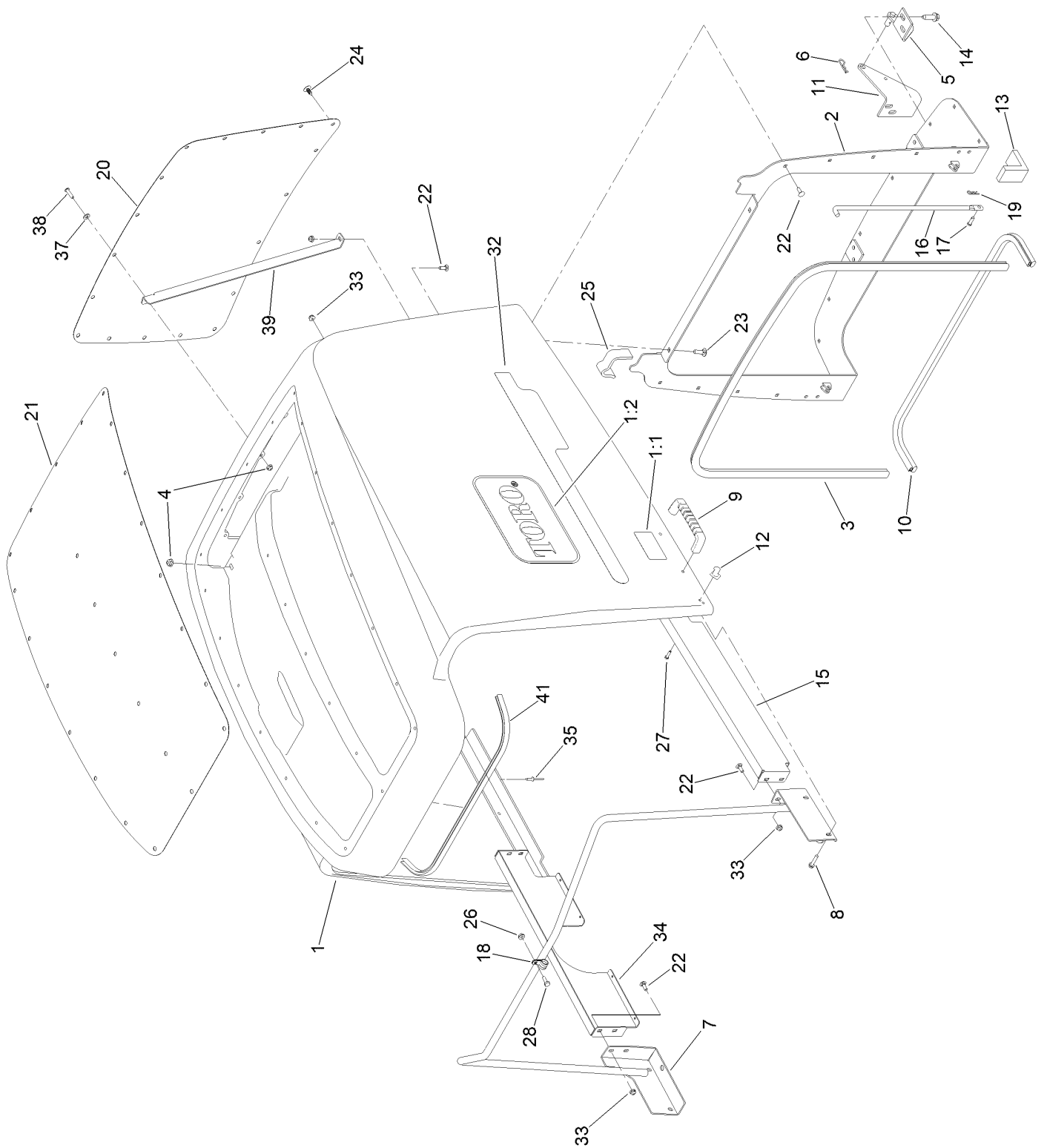
## Air Cleaner Assembly No. 99-5410 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 104-4258           | 1           | Valve-Vacuator     |
| 3           | 104-4259           | 1           | Cover              |
| 5           |                    | 1           | Body ASM ●         |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 6           | 108-3814           | 1           | Filter-Air         |
| 7           | 108-3816           | 1           | Filter-Air         |

● Not serviced separately

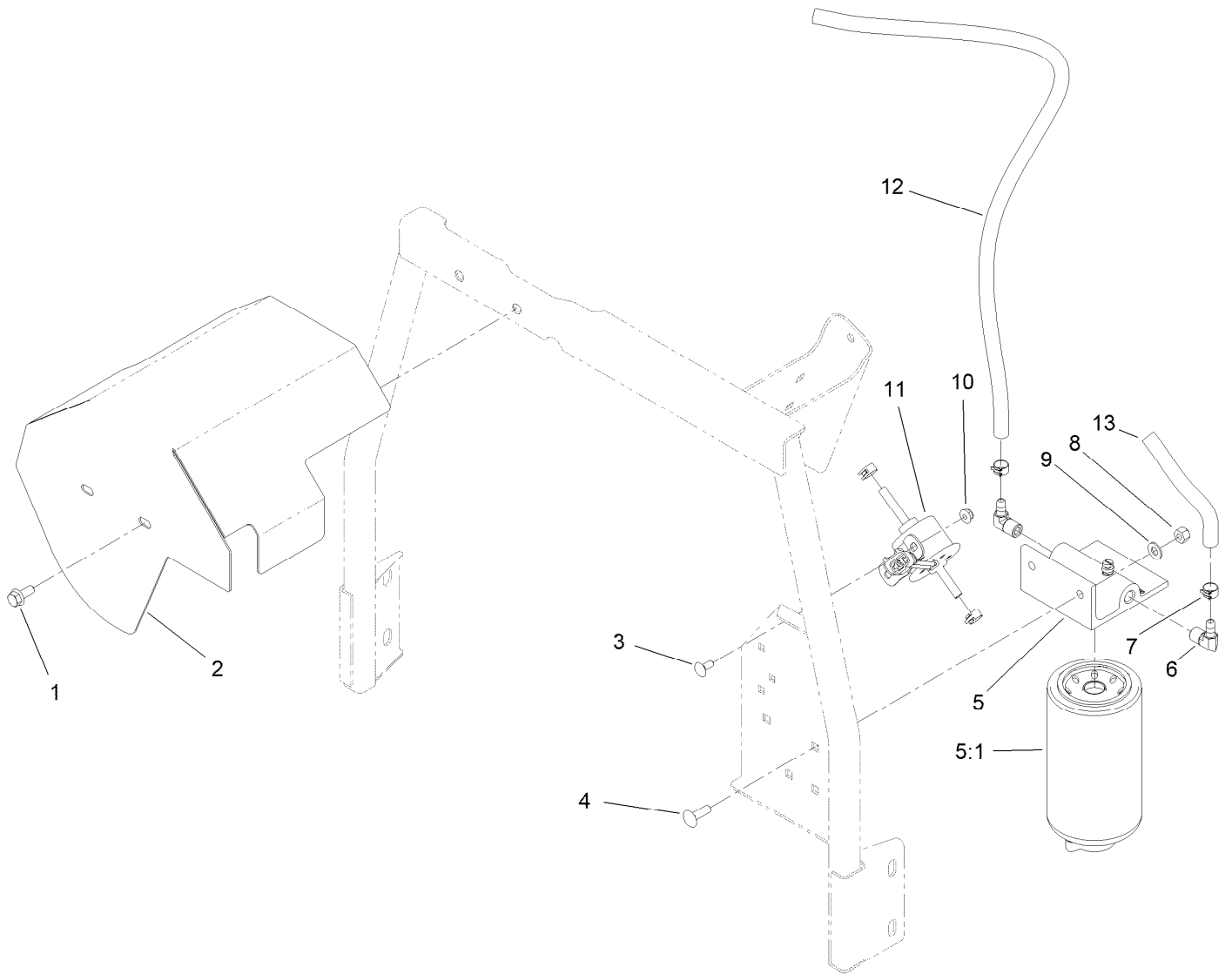
# Hood Assembly



## 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           | 120-9090           | 1           | Hood ASM            | 18          | 2412-134           | 2           | Clamp-R            |
| 1:1         | 106-6754           | 2           | Decal-Danger        | 19          | 3290-307           | 2           | Pin-Cotter         |
| 1:2         | 139-6028           | 2           | Decal-Logo, Toro    | 20          | 120-9096-03        | 1           | Screen-Hood, Rear  |
| 2           | 120-9099-0P        | 1           | Pivot-Hood          | 21          | 120-9097-03        | 1           | Screen-Hood, Top   |
| 3           | 114-3823           | 1           | Seal-Bulb           | 22          | 3229-1             | 24          | Screw-CARR         |
| 4           | 104-8300           | 2           | Nut-HF, NI          | 23          | 3230-2             | 2           | Bolt-CARR          |
| 5           | 121-1470           | 2           | Pivot-Screen        | 24          | 117-2382           | 42          | Plug-Plastic       |
| 6           | 3290-467           | 2           | Pin-Hair            | 25          | 120-9087           | 2           | Seal-Foam          |
| 7           | 120-4196-0P        | 1           | Support-Hood        | 26          | 32128-33           | 2           | Nut-HF             |
| 8           | 137-3101           | 4           | Screw-Plastic, HWH  | 27          | 32104-4            | 2           | Screw              |
| 9           | 65-5100            | 2           | Handle-Door         | 28          | 321-4              | 2           | Screw-HH           |
| 10          | 104-3590           | 1           | Seal-Bulb           | 32          | 163-8984           | 2           | Decal-Hood         |
| 11          | 104-3588-03        | 2           | Pivot-Screen        | 33          | 104-7201           | 25          | Nut-HF, NI         |
| 12          | 103-4081           | 2           | Latch-Keeper        | 34          | 120-8948-0P        | 1           | Support-Hood, RH   |
| 13          | 104-3580           | 2           | Seal-Corner, Screen | 35          | 3269-4             | 8           | Rivet-Pop          |
| 14          | 32144-109          | 8           | Screw-Thd           | 37          | 3256-1             | 1           | Washer-Flat        |
| 15          | 120-8949-0P        | 1           | Support-Hood, LH    | 38          | 3274-65            | 1           | Screw-HSBH         |
| 16          | 104-8313           | 2           | Rod-Hood            | 39          | 127-3707-0P        | 1           | Support-Hood       |
| 17          | 283-67             | 2           | Pin-Clevis          | 41          | 132-6181           | 1           | Trim               |

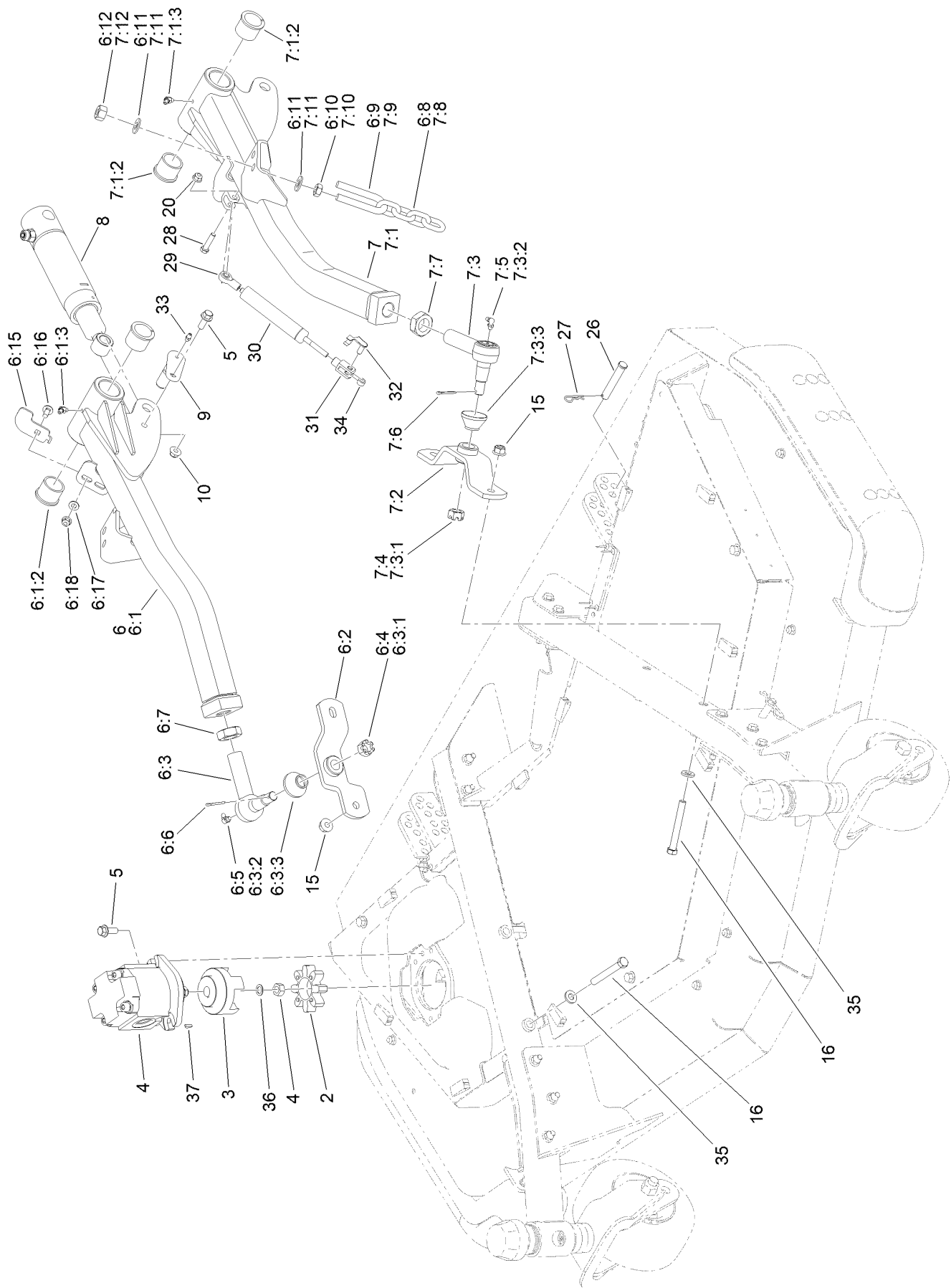
# Fuel/Water Separator and Shield Assembly



## Fuel/Water Separator and Shield 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           | 3234-47            | 2           | Screw-HHF                   | 7           | 92-2379            | 4           | Clamp-Hose          |
| 2           | 120-4188-0P        | 1           | Bracket-Guard, Fuel Tank    | 8           | 3296-29            | 2           | Nut-Lock, NI        |
| 3           | 3229-11            | 2           | Screw-CARR                  | 9           | 3256-23            | 2           | Washer-Plain        |
| 4           | 3230-22            | 2           | Screw-CARR                  | 10          | 104-7201           | 2           | Nut-HF, NI          |
| 5           | 125-2914           | 1           | Filter-Separator            | 11          | 121-5613           | 1           | Pump-Fuel, Electric |
| 5:1         | 125-2915           | 1           | Filter-Fuel/Water Separator | 12          | 109-0309           | 1           | Hose-Fuel           |
| 6           | 353-781            | 2           | Fitting-HYD, 90             | 13          | 110-3256           | 1           | Hose-Fuel           |

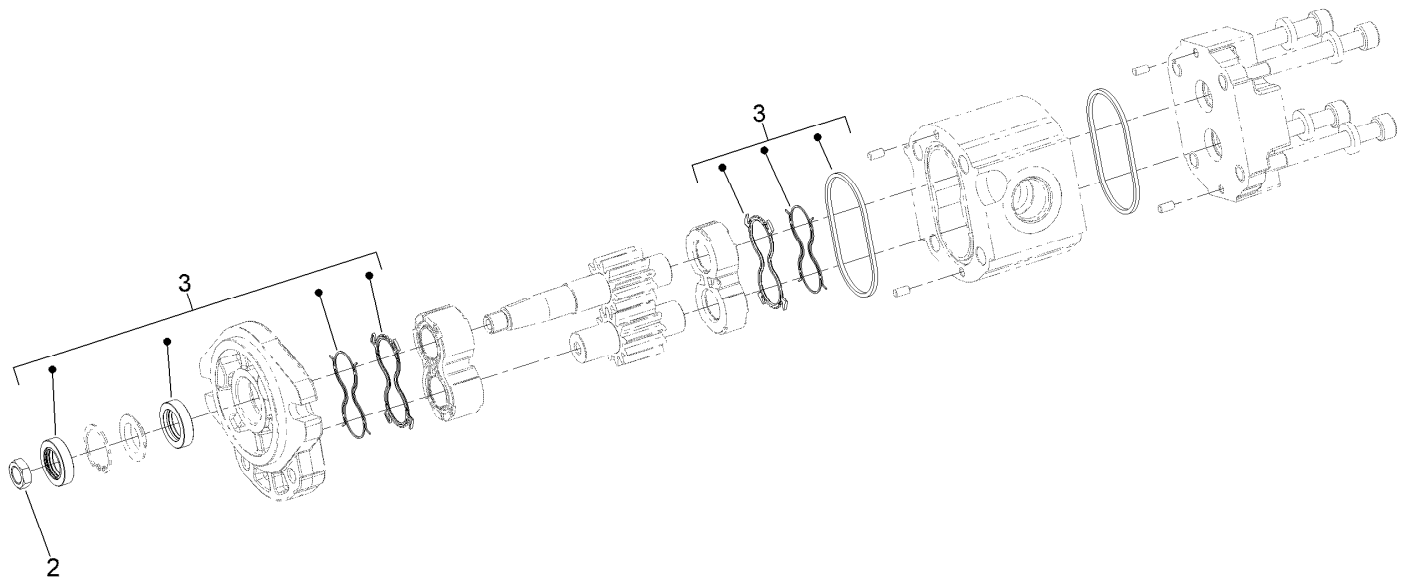
## Front Deck Installation Assembly



## Front Deck Installation Assembly (continued)

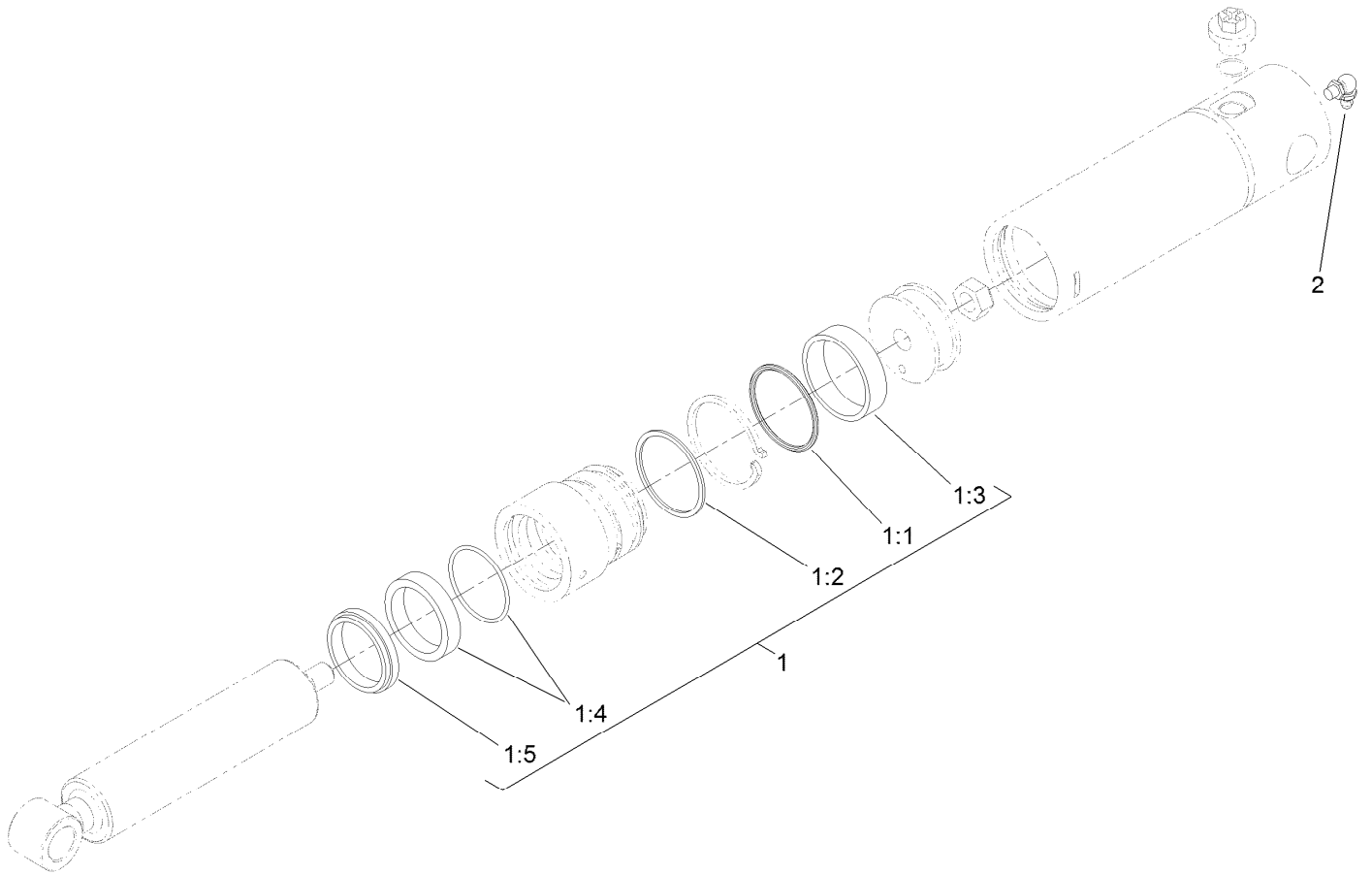
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|------------------------|-------------|--------------------|-------------|------------------------|
| 2           | 104-3542           | 1           | Spider                 | 7:2         | 140-5809           | 1           | Support-Hub            |
| 3           | 104-3541           | 1           | Hub-Spider             | 7:3         | 86-8101            | 1           | Joint-Ball             |
| 4           | 127-3694           | 1           | HYD Motor ASM          | 7:3:1       | 32136-2            | 1           | Nut-SHH                |
| 5           | 3234-42            | 4           | Screw-HHF              | 7:3:2       | 302-40             | 1           | Fitting-Grease, 90 DEG |
| 6           |                    | 1           | Service Parts ●        | 7:3:3       | 114-2874           | 1           | Seal-Ball Joint        |
| 6           | 138-6398           | 1           | RH Front Lift Arm ASM  | 7:4         | 32136-2            | 1           | Nut-SHH                |
| 6:1         | 140-5807           | 1           | RH Lift Arm ASM        | 7:5         | 302-40             | 1           | Fitting-Grease, 90 DEG |
| 6:1:2       | 104-0015           | 2           | Bushing-Flange         | 7:6         | 3272-12            | 1           | Pin-Cotter             |
| 6:1:3       | 302-11             | 1           | Fitting-Lube, 45 DEG   | 7:7         | 21-3001            | 1           | Nut-Jam                |
| 6:2         | 140-5809           | 1           | Support-Hub            | 7:8         | 95-6231            | 1           | Chain-HOC              |
| 6:3         |                    | 1           | Joint-Ball             | 7:9         | 104-0108           | 1           | U-Bolt                 |
| 6:3:1       | 32136-2            | 1           | Nut-SHH                | 7:10        | 3217-9             | 2           | Nut-HH                 |
| 6:3:2       | 302-40             | 1           | Fitting-Grease, 90 DEG | 7:11        | 3256-26            | 4           | Washer-Flat            |
| 6:3:3       | 114-2874           | 1           | Seal-Ball Joint        | 7:12        | 3296-25            | 2           | Nut-Lock, NI           |
| 6:4         | 32136-2            | 1           | Nut-SHH                | 8           | 120-8802           | 2           | HYD Cylinder ASM       |
| 6:5         | 302-40             | 1           | Fitting-Grease, 90 DEG | 9           | 120-5575           | 2           | Pin                    |
| 6:6         | 3272-12            | 1           | Pin-Cotter             | 10          | 104-8301           | 2           | Nut-HF, NI             |
| 6:7         | 21-3001            | 1           | Nut-Jam                | 15          | 114-8417           | 4           | Nut-HF, NI             |
| 6:8         | 95-6231            | 1           | Chain-HOC              | 16          | 324-19             | 4           | Screw-HH               |
| 6:9         | 104-0108           | 1           | U-Bolt                 | 20          | 104-8300           | 1           | Nut-HF, NI             |
| 6:10        | 3217-9             | 2           | Nut-HH                 | 26          | 283-55             | 2           | Pin-Clevis             |
| 6:11        | 3256-26            | 4           | Washer-Flat            | 27          | 3290-467           | 2           | Pin-Hair               |
| 6:12        | 3296-25            | 2           | Nut-Lock, NI           | 28          | 322-17             | 1           | Screw-HH               |
| 6:15        | 140-5824           | 1           | Plate-Sensor           | 29          | 104-8331           | 1           | End-Rod, Spherical     |
| 6:16        | 3230-23            | 1           | Bolt-CARR              | 30          | 105-3249           | 1           | Damper                 |
| 6:17        | 3256-23            | 1           | Washer-Plain           | 31          | 115-5455           | 1           | End-Rod, Clevis        |
| 6:18        | 104-8300           | 1           | Nut-HF, NI             | 32          | 115-5454           | 1           | Pin-Spring             |
| 7           | 138-6399           | 1           | LH Front Lift Arm ASM  | 33          | 302-5              | 2           | Fitting-Grease         |
| 7           |                    | 1           | Service Parts ●        | 34          | 115-2142           | 1           | Spacer                 |
| 7:1         | 140-5808           | 1           | LH Lift Arm ASM        | 35          | 87-7480            | 4           | Washer                 |
| 7:1:2       | 104-0015           | 2           | Bushing-Flange         | 36          | 112-6957           | 1           | Washer-Hardened        |
| 7:1:3       | 302-11             | 1           | Fitting-Lube, 45 DEG   | 37          | 3257-3             | 1           | Key-Woodruff           |

● Not serviced separately



## Hydraulic Motor Assembly No. 127-3694

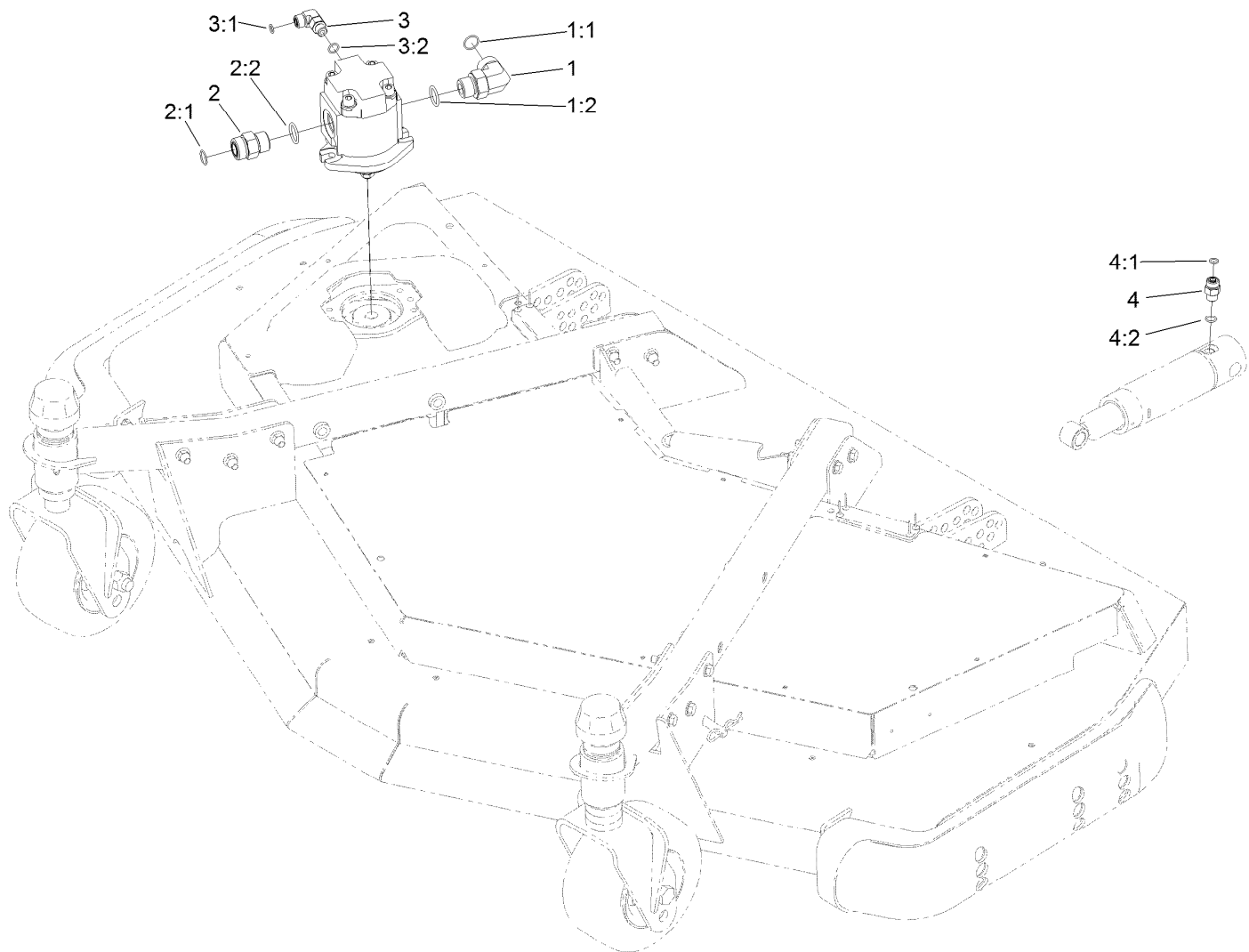
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 2           | 95-4181            | 1           | Nut-HH Jam         |
| 3           | 145-2788           | 1           | Seal Kit           |



## Lift Cylinder Assembly No. 120-8802

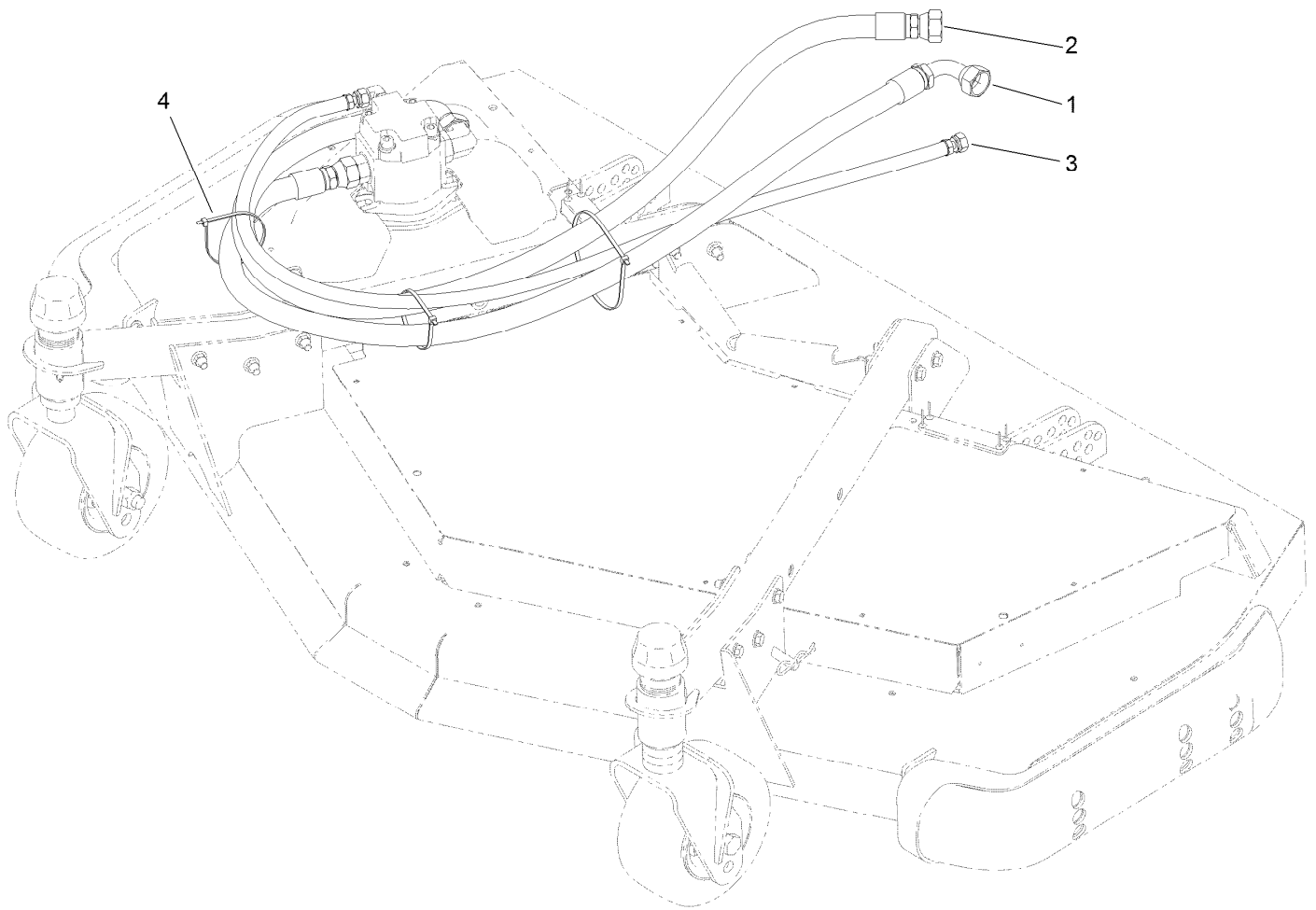
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 125-4301           | 1           | Seal Kit           |
| 1:1         |                    | 1           | O-Ring ●           |
| 1:2         |                    | 1           | Backup ●           |
| 1:3         |                    | 1           | Wear Ring ●        |
| 1:4         |                    | 1           | Bds Seal ●         |
| 1:5         |                    | 1           | Dust Seal ●        |
| 2           | 302-60             | 1           | Fitting-Grease     |

● Not serviced separately



## Front Deck Hydraulic Fitting Assembly

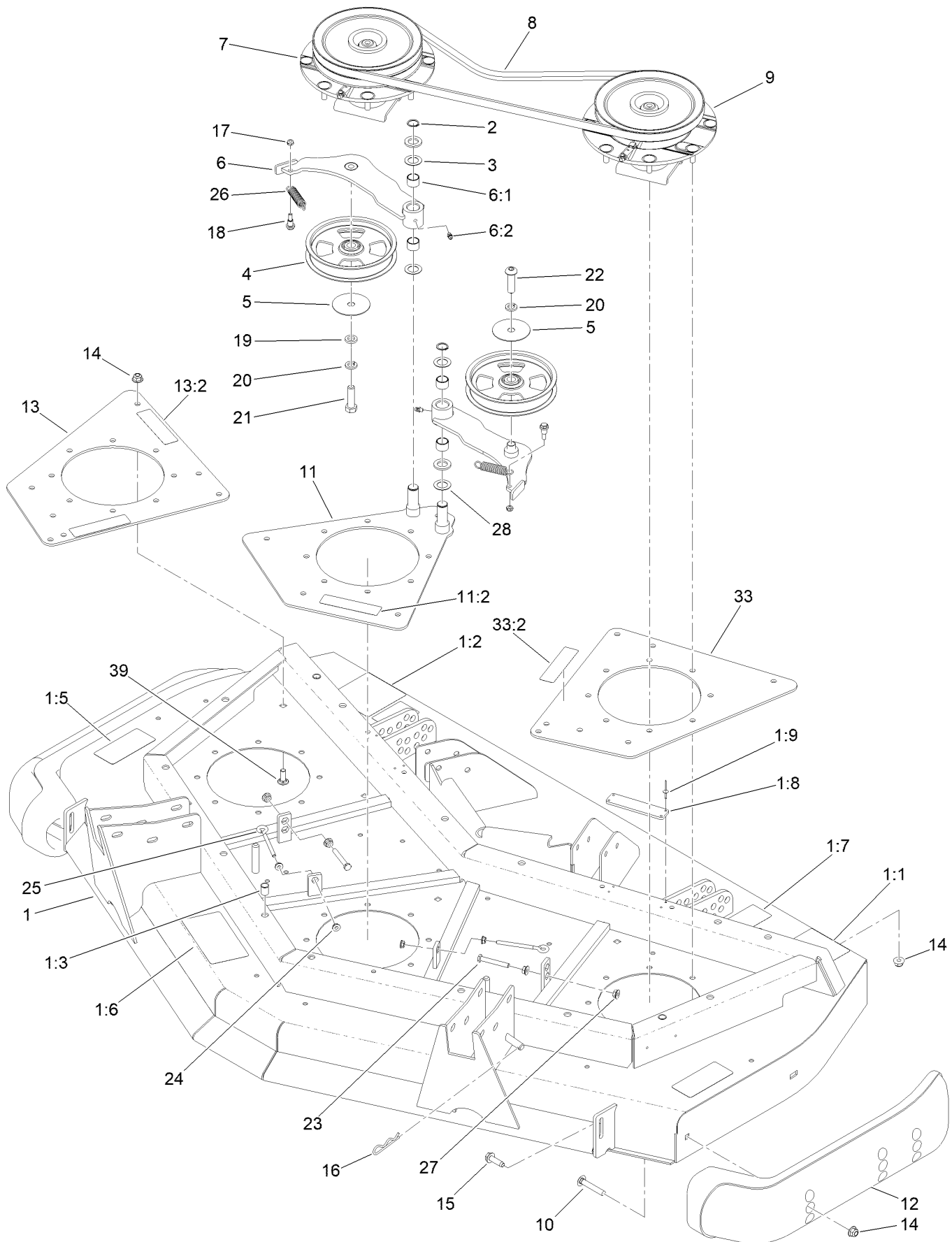
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 340-142     | 1    | Fitting-Elbow, 90 DEG |
| 1:1  | 237-58      | 1    | O-Ring                |
| 1:2  | 237-81      | 1    | O-Ring                |
| 2    | 340-9       | 1    | Fitting-STR           |
| 2:1  | 237-58      | 1    | O-Ring                |
| 2:2  | 237-81      | 1    | O-Ring                |
| 3    | 340-77      | 1    | Fitting-Elbow, 90 DEG |
| 3:1  | 237-22      | 1    | O-Ring                |
| 3:2  | 237-42      | 1    | O-Ring                |
| 4    | 340-2       | 2    | Fitting-Straight      |
| 4:1  | 237-22      | 1    | O-Ring                |
| 4:2  | 237-42      | 1    | O-Ring                |



## Front Deck Hose Routing Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 120-8987           | 1           | Hose-HYD           |
| 2           | 120-8988           | 1           | Hose-HYD           |
| 3           | 120-8989           | 1           | Hose-HYD           |
| 4           | 3290-379           | 5           | Tie-Cable          |

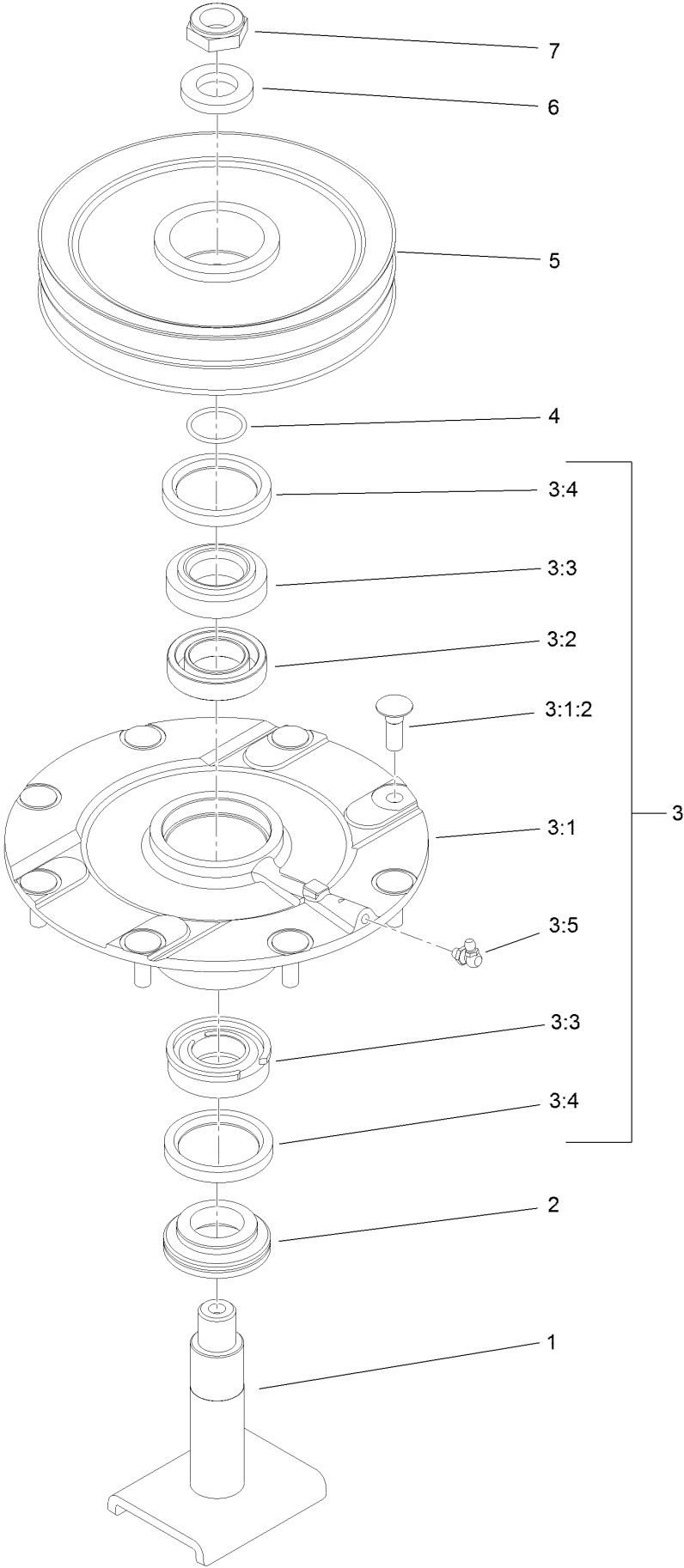
# Front Deck Idler and Skid Assembly



## Front Deck Idler and Skid 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           | 131-1234           | 1           | Front Deck ASM              | 12          | 112-1479           | 2           | Skid-Bumper, Deck          |
| 1:1         | 120-6604           | 2           | Decal-Danger                | 13          | 131-1238           | 1           | Plate-Spindle, Front Right |
| 1:2         | 100-5624           | 1           | Decal-HOC, RH               | 13:2        | 100-6578           | 2           | Decal-Danger               |
| 1:3         | 32148-9            | 3           | Nut-Clinch                  | 14          | 104-8301           | 36          | Nut-HF, NI                 |
| 1:5         | 93-7818            | 2           | Decal-Torque, Blade Bolt    | 15          | 9136144            | 2           | Screw-HWHTF                |
| 1:6         | 100-5622           | 1           | Decal-HOC                   | 16          | 3290-355           | 1           | Pin-Hair                   |
| 1:7         | 104-3578           | 1           | Decal-HOC, LH               | 17          | 3296-56            | 2           | Nut-Lock, NI               |
| 1:8         | 105-0786           | 2           | Pad-Plastic                 | 18          | 104-0858           | 2           | Bolt-Shoulder              |
| 1:9         | 3269-8             | 8           | Rivet-Blind                 | 19          | 9202424            | 1           | Spacer                     |
| 2           | 32120-72           | 2           | Ring-Snap                   | 20          | 3253-7             | 2           | Washer-Lock                |
| 3           | 3-6498             | 4           | Washer-Thrust               | 21          | 325-7              | 1           | Screw-HH                   |
| 4           | 132-9421           | 2           | Pulley-Idler, Flat          | 22          | 108-1993           | 1           | Screw-HSBH                 |
| 5           | 100-3102           | 2           | Washer-Flat                 | 23          | 9114524            | 2           | Bolt-TAP, HH               |
| 6           | 140-6227           | 2           | Idler Arm ASM               | 24          | 32128-14           | 4           | Nut-HF                     |
| 6:1         | 256-76             | 2           | Bushing                     | 25          | 68-0090            | 2           | Screw-Adjusting            |
| 6:2         | 302-5              | 1           | Fitting-Grease              | 26          | 107938             | 2           | Spring-Extension           |
| 7           | 139-1037           | 1           | Double Driven Spindle ASM   | 27          | 32128-26           | 4           | Nut-HF                     |
| 8           | 108-8076           | 2           | V-Belt, Deck                | 28          | 70-1160            | 2           | Washer                     |
| 9           | 139-1038           | 1           | High Driven Spindle ASM     | 33          | 131-1239           | 1           | Plate-Spindle, Front Left  |
| 10          | 3231-33            | 4           | Screw-CARR                  | 33:2        | 100-6578           | 1           | Decal-Danger               |
| 11          | 131-1237           | 1           | Plate-Spindle, Front Center | 39          | 3231-22            | 12          | Screw-CARR                 |
| 11:2        | 100-6578           | 1           | Decal-Danger                |             |                    |             |                            |

# Double Driven Spindle Assembly No. 139-1037



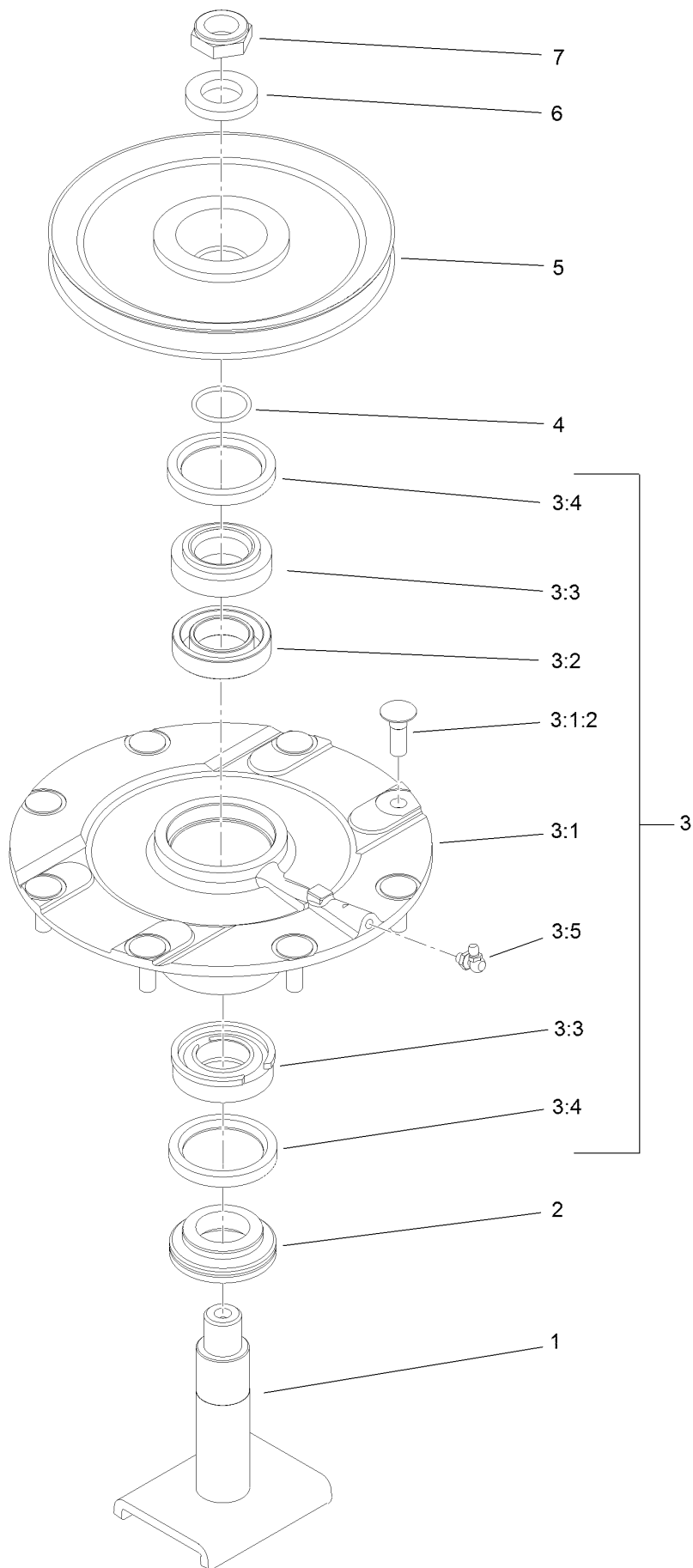
## Double Driven Spindle Assembly No. 139-1037 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 1           | 139-1044           | 1           | Shaft-Spindle         |
| 2           | 138-6416           | 1           | Spacer-Spindle, Shaft |
| 3           | 119-4775           | 1           | Spindle Housing ASM   |
| 3:1         |                    | 1           | Spindle ASM ●         |
| 3:1:2       | 114-8195           | 8           | Bolt-Neck, Ribbed     |
| 3:2         | 120-5577           | 1           | Bearing Spacer Set    |
| 3:3         | 110-8297           | 1           | Bearing ASM           |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 3:4         | 253-154            | 2           | Seal-Oil              |
| 3:5         | 302-60             | 1           | Fitting-Grease        |
| 4           | 106-7159           | 1           | O-Ring                |
| 5           | 104-3547           | 1           | Pulley-Driven, Double |
| 6           | 120-5576           | 1           | Washer-Hardened       |
| 7           | 3296-60            | 1           | Nut-Lock, NI          |

● Not serviced separately

# High Driven Spindle Assembly No. 139-1038

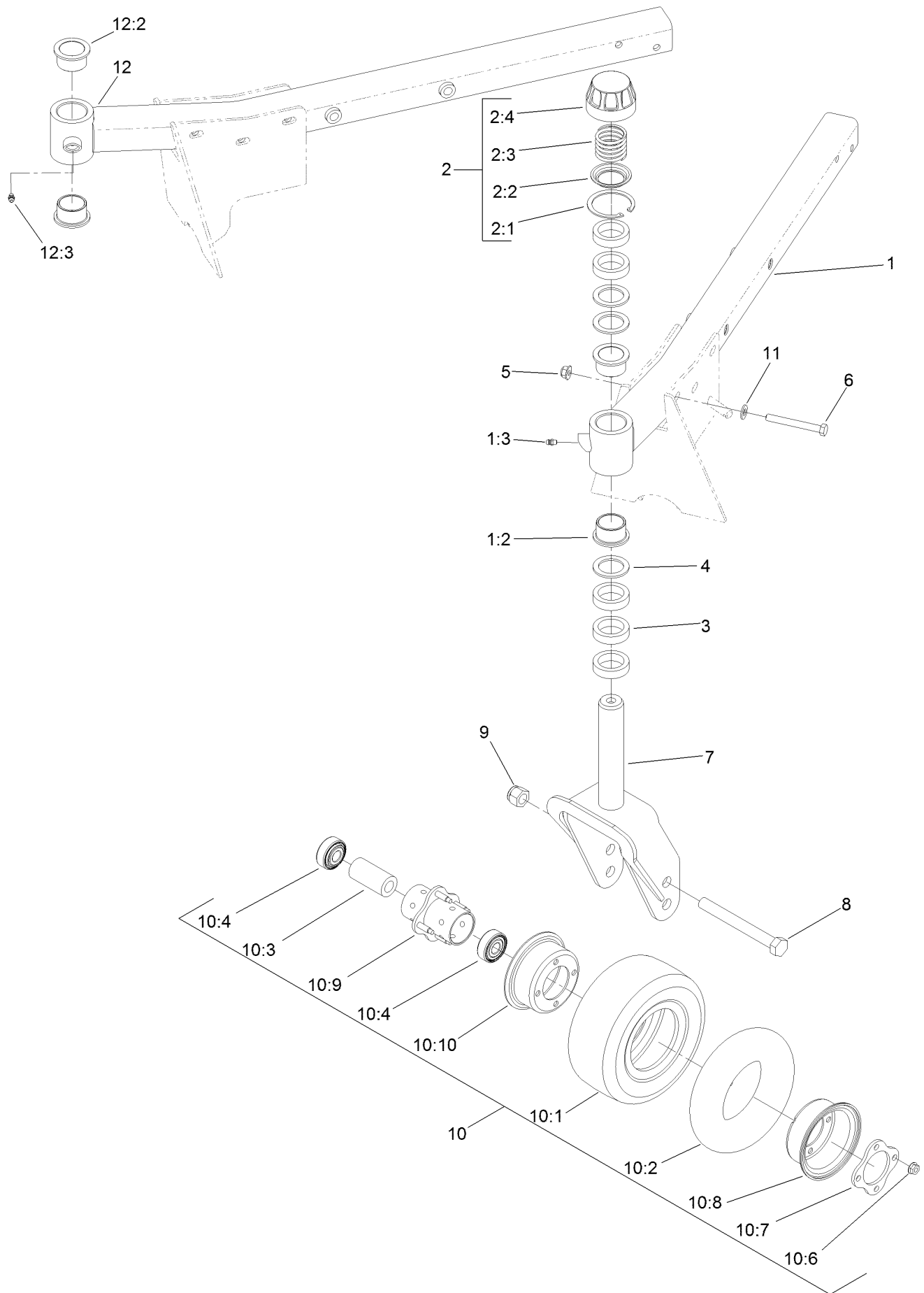


## High Driven Spindle Assembly No. 139-1038 (continued)

| <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           | 139-1044           | 1           | Shaft-Spindle         | 3:4         | 253-154            | 2           | Seal-Oil            |
| 2           | 138-6416           | 1           | Spacer-Spindle, Shaft | 3:5         | 302-60             | 1           | Fitting-Grease      |
| 3           | 119-4775           | 1           | Spindle Housing ASM   | 4           | 106-7159           | 1           | O-Ring              |
| 3:1         |                    | 1           | Spindle ASM ●         | 5           | 104-3548           | 1           | Pulley-Driven, High |
| 3:1:2       | 114-8195           | 8           | Bolt-Neck, Ribbed     | 6           | 120-5576           | 1           | Washer-Hardened     |
| 3:2         | 120-5577           | 1           | Bearing Spacer Set    | 7           | 3296-60            | 1           | Nut-Lock, NI        |
| 3:3         | 110-8297           | 1           | Bearing ASM           |             |                    |             |                     |

● Not serviced separately

# Front Deck Caster Arm and Wheel Assembly

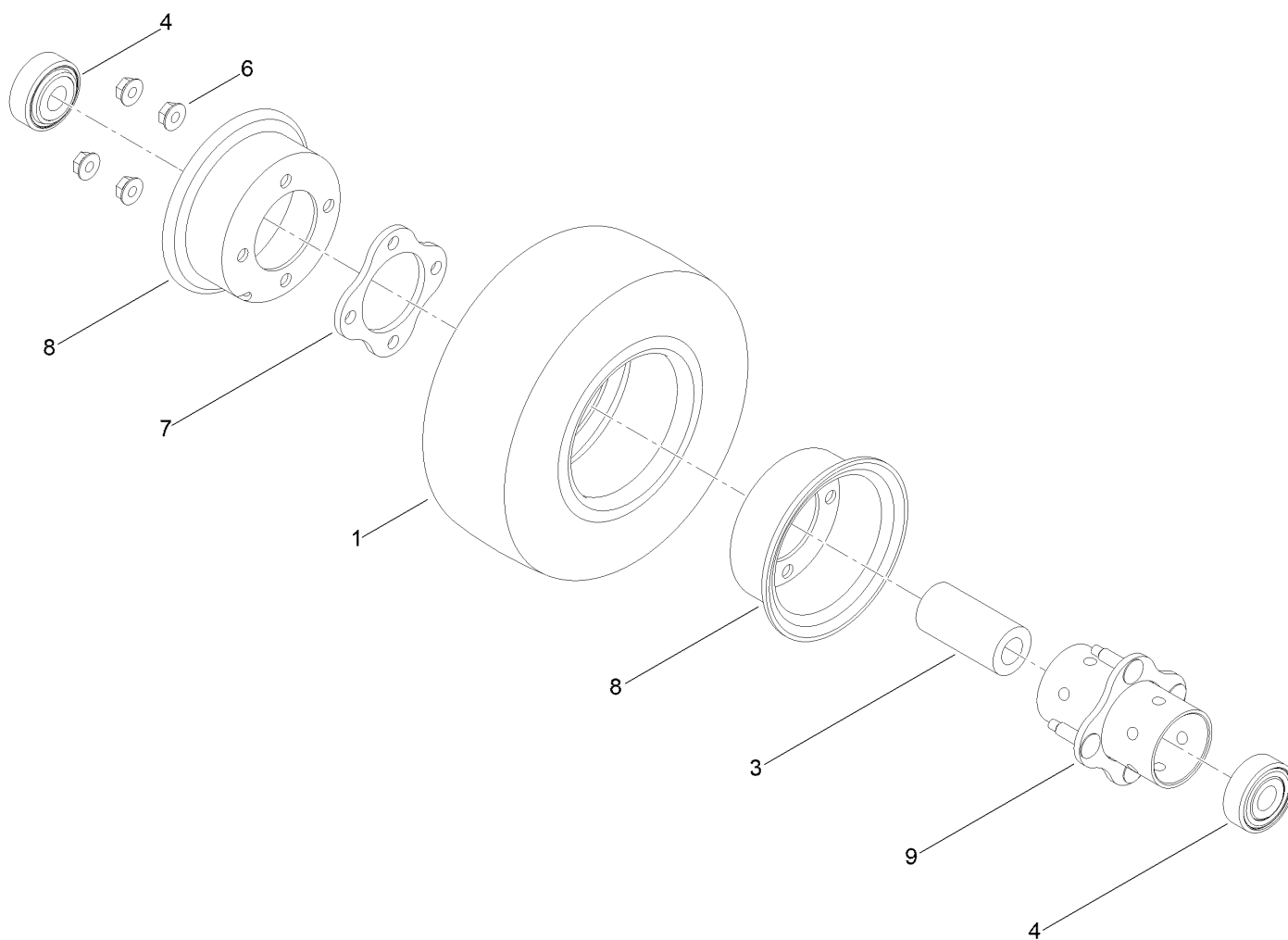


## Front Deck Caster Arm and Wheel Assembly (continued)

| <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           | 139-7821           | 1           | LH Caster Arm ASM              | 10          | 93-9938            | 2           | Wheel ASM             |
| 1:2         | 69-6470            | 2           | Bushing-Caster                 | 10:1        | 93-9939            | 1           | Tire                  |
| 1:3         | 302-5              | 1           | Fitting-Grease                 | 10:2        | 68-8950            | 1           | Tube-Inner (W/Valve)  |
| 2           | 92-9727            | 2           | HOC Cap ASM                    | 10:3        | 93-4241            | 1           | Spacer-Bearing, Inner |
| 2:1         | 92-5581            | 1           | Ring-Rtng,Snap,Int,Flat        | 10:4        | 120-3366           | 2           | Bearing               |
| 2:2         | 92-5583            | 1           | Washer-Cap                     | 10:6        | 32128-16           | 4           | Nut-HHF               |
| 2:3         | 92-9726            | 1           | Spring-Compression             | 10:7        | 93-4242            | 1           | Plate                 |
| 2:4         | 92-8861            | 1           | Cap-HOC                        | 10:8        | 93-4239            | 1           | Rim-Wheel, Half       |
| 3           | 69-1510            | 10          | Spacer                         | 10:9        | 93-5980            | 1           | Hub                   |
| 4           | 69-6860            | 6           | Washer-Thrust                  | 10:10       | 95-2741            | 1           | Rim-Wheel, Half       |
| 5           | 104-8301           | 10          | Nut-HF, NI                     | 11          | 3256-24            | 10          | Washer-Plain          |
| 6           | 323-20             | 10          | Screw-HH                       | 12          | 139-7831           | 1           | RH Caster Arm ASM     |
| 7           | 140-6300-01        | 2           | Fork-Caster                    | 12:2        | 69-6470            | 2           | Bushing-Caster        |
| 8           | 327-24             | 2           | Screw-HH                       | 12:3        | 302-5              | 1           | Fitting-Grease        |
| 9           | 3296-53            | 2           | Nut-Lock, NI                   |             |                    |             |                       |
| 10          | 93-5974            | 2           | 8 Inch Foam Filled Wheel ASM ● |             |                    |             |                       |

● Optional Equipment

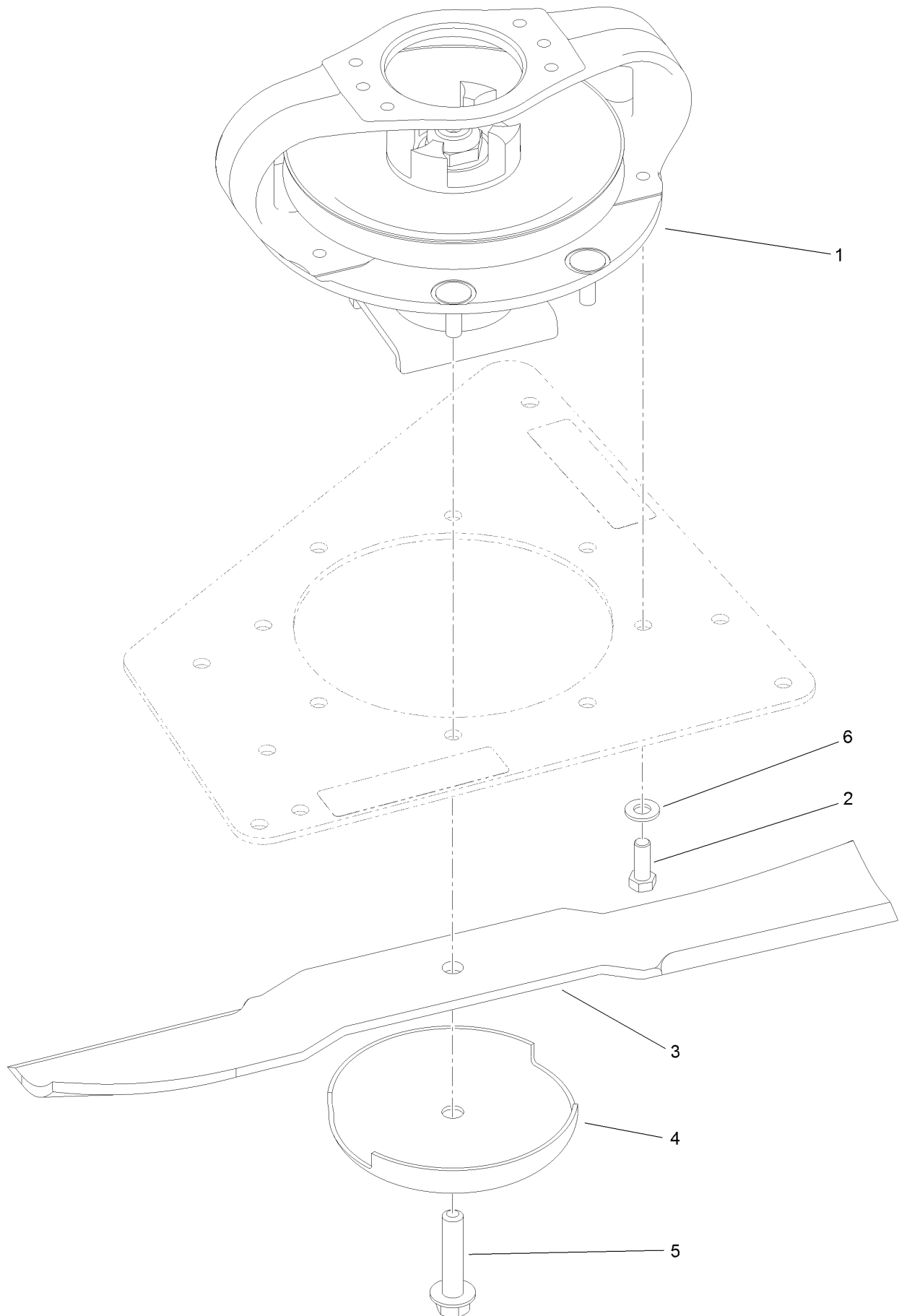
# Foam Filled Caster Wheel Assembly No. 93-5974 (Optional Equipment)



# Foam Filled Caster Wheel Assembly No. 93-5974 (Optional Equipment) (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           | 93-9939            | 1           | Tire                  | 7           | 93-4242            | 1           | Plate              |
| 3           | 93-4241            | 1           | Spacer-Bearing, Inner | 8           | 93-4239            | 2           | Rim-Wheel, Half    |
| 4           | 120-3366           | 2           | Bearing               | 9           | 93-5980            | 1           | Hub                |
| 6           | 32128-16           | 4           | Nut-HHF               |             |                    |             |                    |

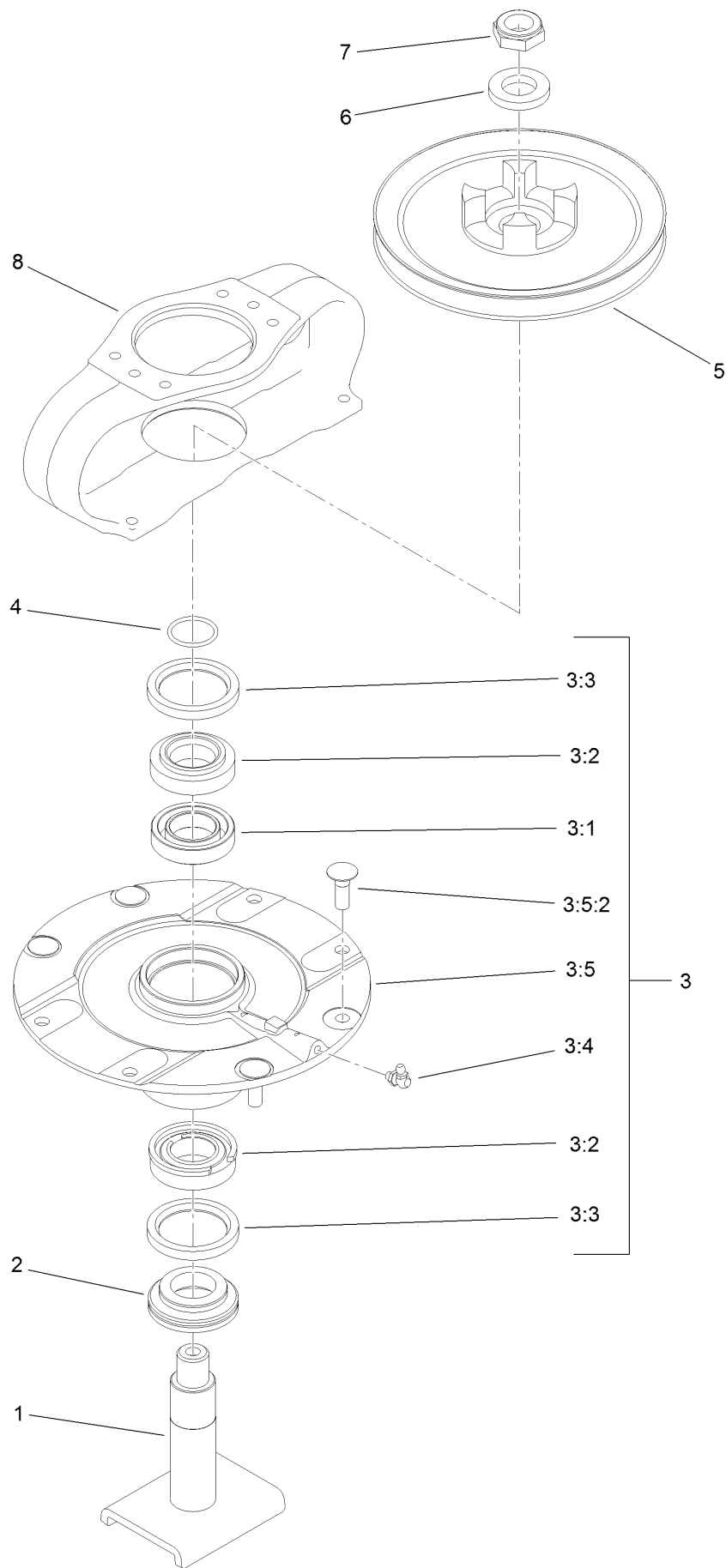
# Front Deck Driving Spindle Assembly



## Front Deck Driving Spindle 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           | 139-1035           | 1           | Single Driven Spindle ASM | 4           | 72-9361            | 3           | Cup-Scalp, Anti    |
| 2           | 323-6              | 4           | Screw-HH                  | 5           | 92-5816            | 3           | Bolt-Blade         |
| 3           | 92-5608-03         | 3           | Blade                     | 6           | 3256-24            | 4           | Washer-Plain       |

# Driving Spindle Assembly No. 139-1035



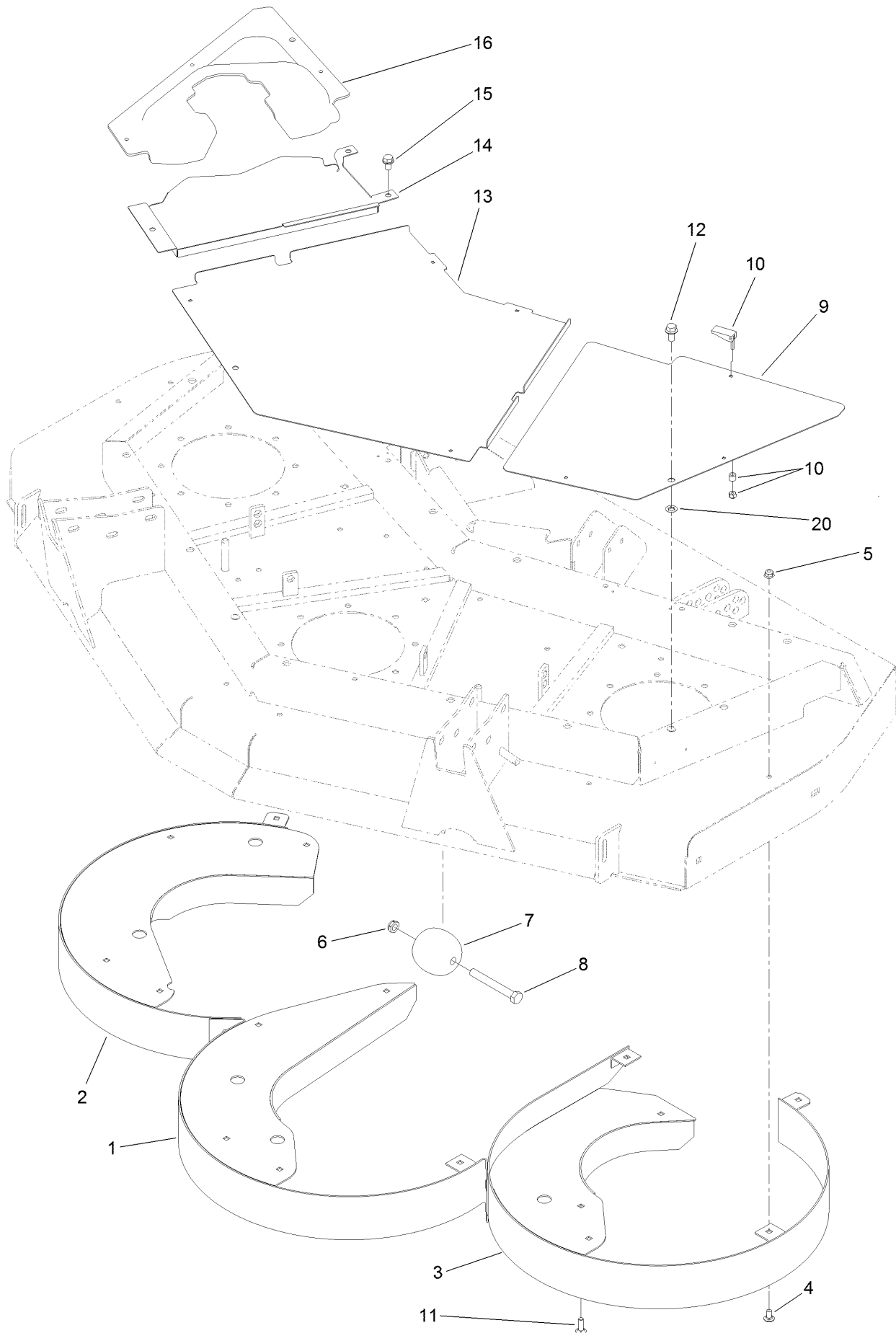
## Driving Spindle Assembly No. 139-1035 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 1           | 139-1044           | 1           | Shaft-Spindle         |
| 2           | 138-6416           | 1           | Spacer-Spindle, Shaft |
| 3           | 119-4546           | 1           | Spindle Housing ASM   |
| 3:1         | 120-5577           | 1           | Bearing Spacer Set    |
| 3:2         | 110-8297           | 1           | Bearing ASM           |
| 3:3         | 253-154            | 2           | Seal-Oil              |
| 3:4         | 302-60             | 1           | Fitting-Grease        |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 3:5         |                    | 1           | Spindle ASM ●      |
| 3:5:2       | 114-8195           | 4           | Bolt-Neck, Ribbed  |
| 4           | 106-7159           | 1           | O-Ring             |
| 5           | 104-3545           | 1           | Pulley-Driving     |
| 6           | 120-5576           | 1           | Washer-Hardened    |
| 7           | 3296-60            | 1           | Nut-Lock, NI       |
| 8           | 104-3544           | 1           | Mount-Motor, Drive |

● Not serviced separately

# Front Deck Cutting Chamber, Cover and Roller Assembly

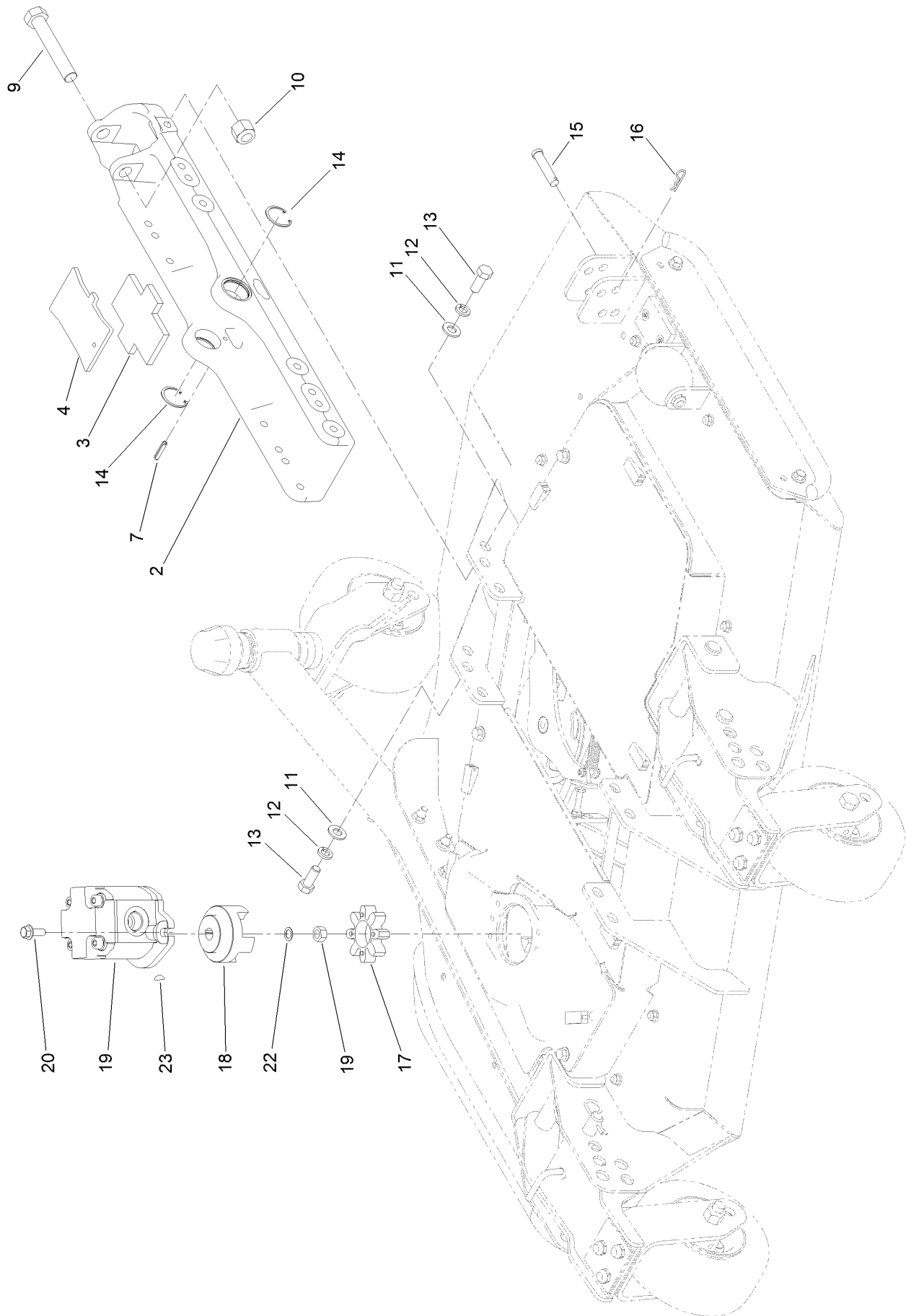


## Front Deck Cutting Chamber, Cover and Roller Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 130-2650-0P        | 1           | Chamber-Center     |
| 2           | 130-2674-0P        | 1           | Chamber-RH         |
| 3           | 130-2675-0P        | 1           | Chamber-LH         |
| 4           | 3230-18            | 15          | Screw-CARR         |
| 5           | 104-8300           | 18          | Nut-HF, NI         |
| 6           | 3296-45            | 2           | Nut-Hex            |
| 7           | 29-4820            | 2           | Roller             |
| 8           | 325-17             | 2           | Screw-HH           |
| 9           | 100-5663-03        | 1           | Cover-Front, LH    |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|---------------------|
| 10          | 74-5950            | 10          | Latch-Swell         |
| 11          | 3230-22            | 3           | Screw-CARR          |
| 12          | 3234-1             | 3           | Screw-HHF           |
| 13          | 100-5660-03        | 1           | Cover-Front, Center |
| 14          | 100-5662-03        | 1           | Cover-Front, RH     |
| 15          | 32144-69           | 3           | Screw-HWHTF         |
| 16          | 100-5661           | 1           | Cover-Front, Center |
| 20          | 107-3154           | 3           | Nut-Push            |

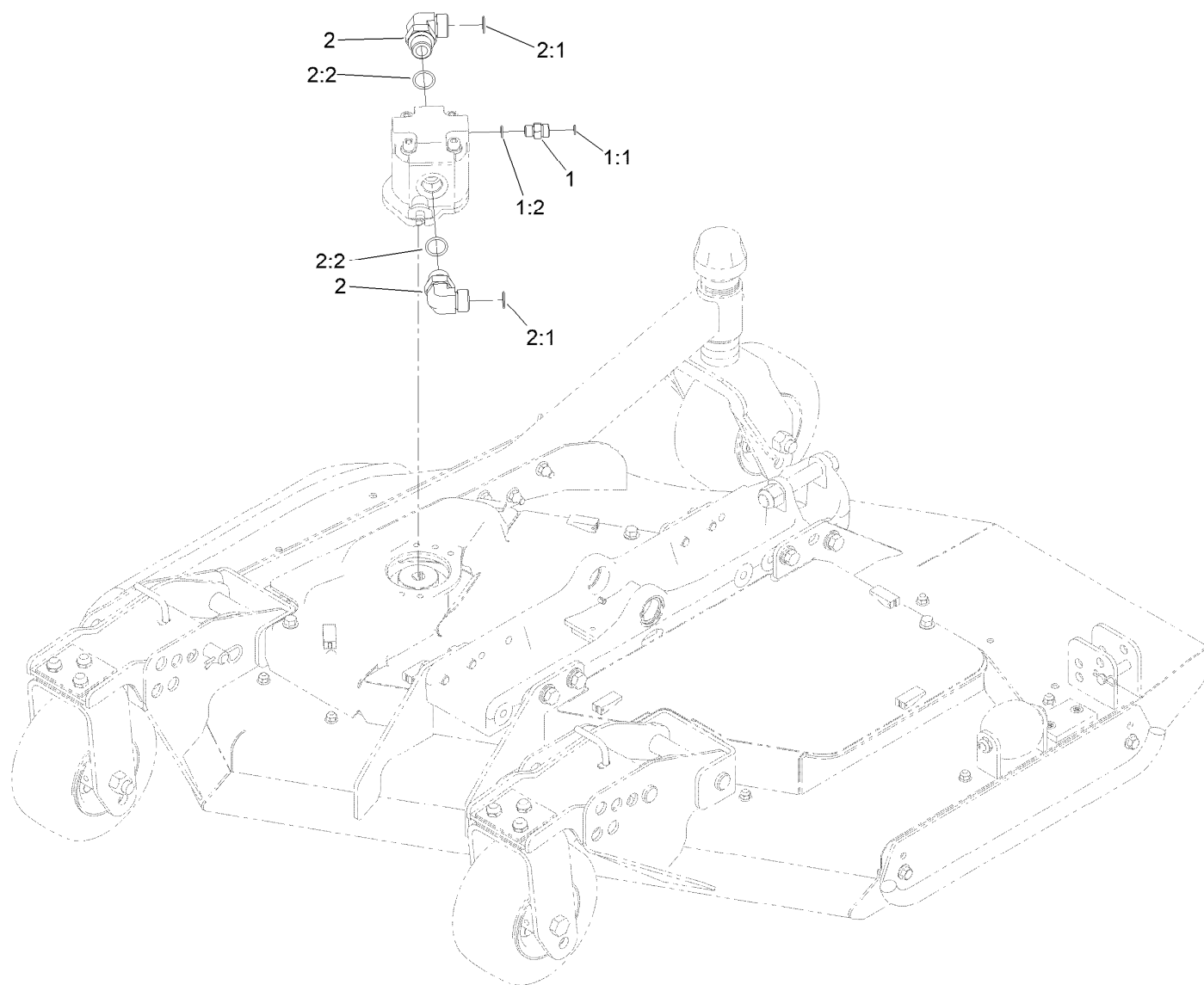
# Right Deck Mount Assembly



## Right Deck Mount 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>  |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|---------------------|
| 2           | 136-0033-03        | 1           | Mount-Deck         | 14          | 145-8397           | 2           | Ring-Retaining, Int |
| 3           | 104-8348           | 1           | Plate-Rubber       | 15          | 92-2739            | 1           | Pin-Clevis          |
| 4           | 136-0041-03        | 1           | Plate              | 16          | 3290-467           | 1           | Pin-Hair            |
| 7           | 32121-69           | 1           | Pin-Roll           | 17          | 104-3542           | 1           | Spider              |
| 9           | 328-8              | 1           | Screw-HH           | 18          | 104-3541           | 1           | Hub-Spider          |
| 10          | 3296-51            | 1           | Nut-Lock, NI       | 19          | 127-3694           | 1           | HYD Motor ASM       |
| 11          | 3256-26            | 8           | Washer-Flat        | 20          | 3234-42            | 2           | Screw-HHF           |
| 12          | 3253-7             | 8           | Washer-Lock        | 22          | 112-6957           | 1           | Washer-Hardened     |
| 13          | 325-5              | 8           | Screw-HH           | 23          | 3257-3             | 1           | Key-Woodruff        |

# Right Deck Hydraulic Fitting Assembly

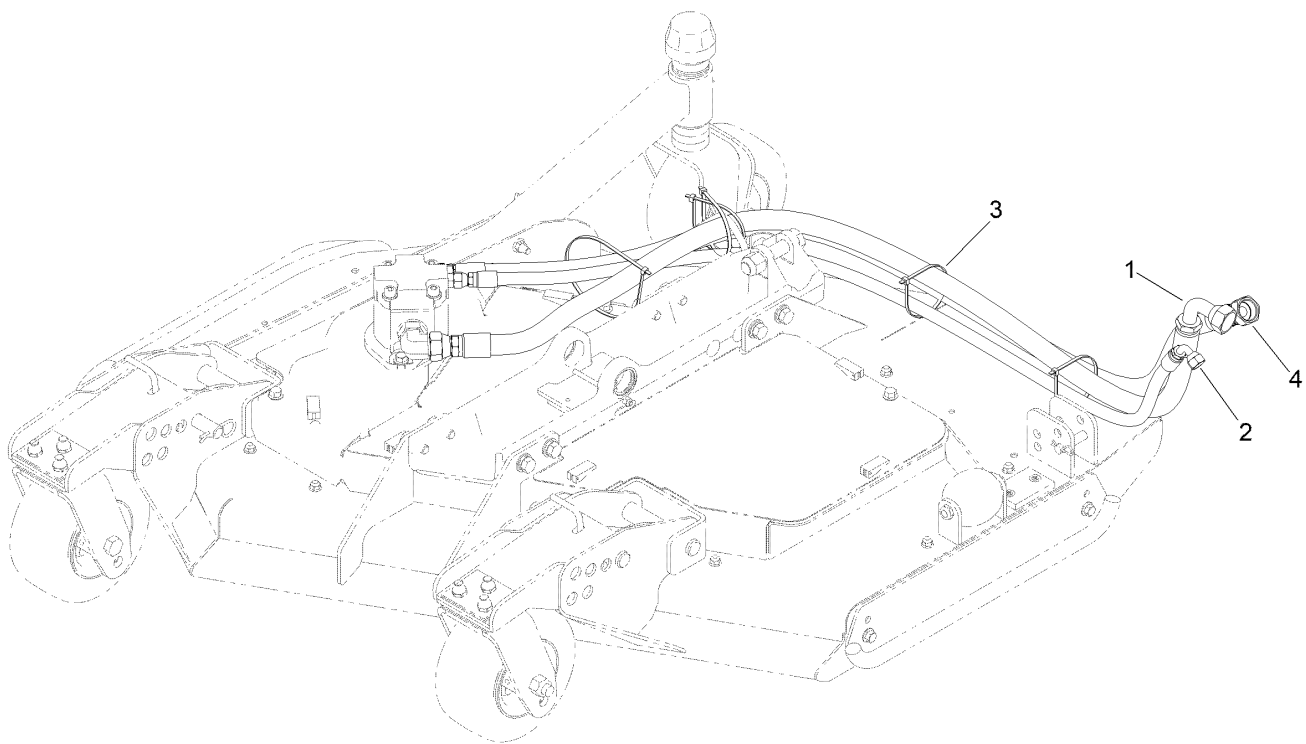


## Right Deck Hydraulic Fitting Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 340-2              | 1           | Fitting-Straight   |
| 1:1         | 237-22             | 1           | O-Ring             |
| 1:2         | 237-42             | 1           | O-Ring             |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 2           | 340-142            | 2           | Fitting-Elbow, 90 DEG |
| 2:1         | 237-58             | 1           | O-Ring                |
| 2:2         | 237-81             | 1           | O-Ring                |

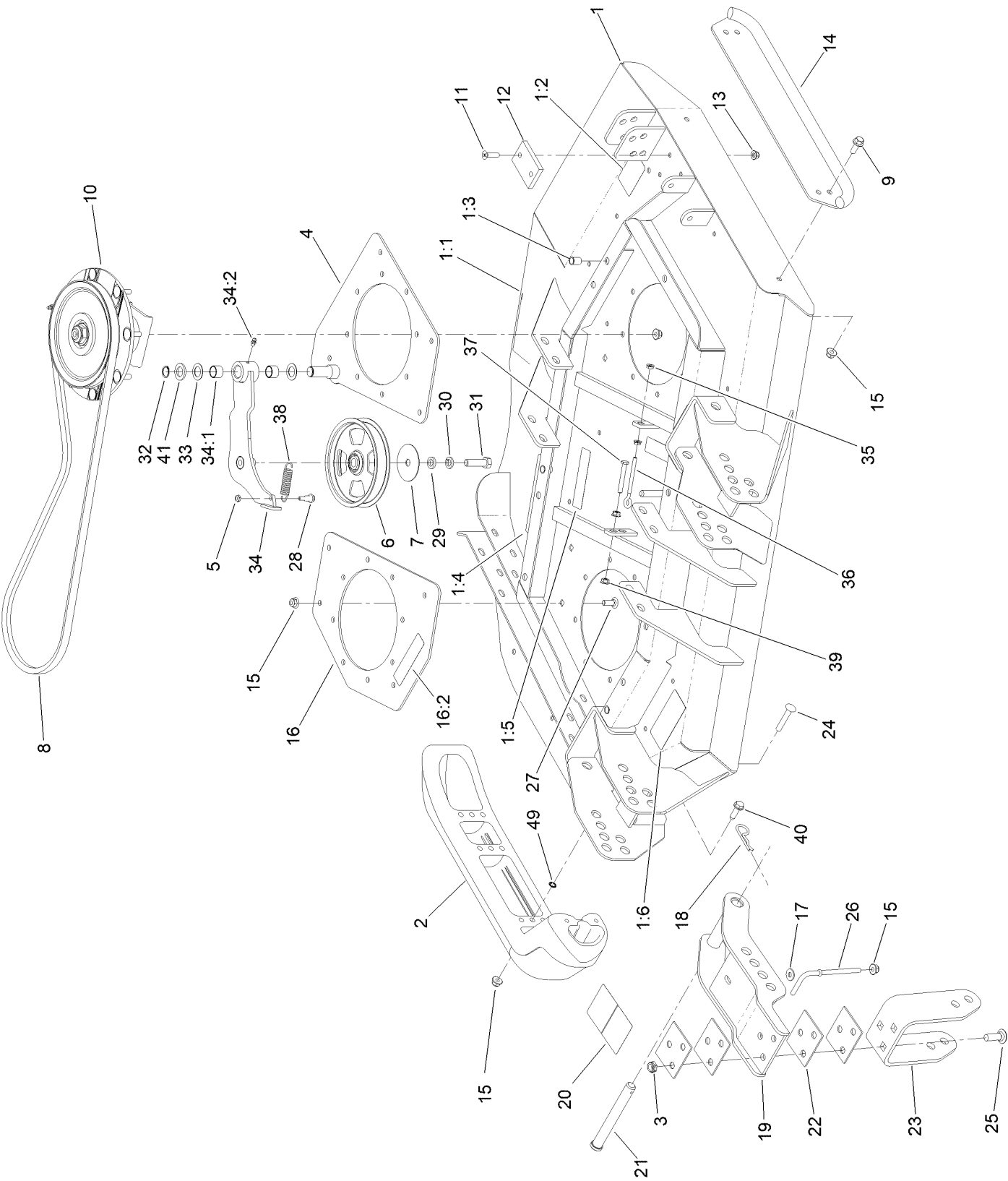
# Right Deck Hose Assembly



## Right Deck 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           | 120-8959           | 1           | Hose-HYD           | 3           | 3290-379           | 4           | Tie-Cable          |
| 2           | 104-2265           | 1           | Hose-HYD           | 4           | 132-6116           | 1           | Hose-HYD           |

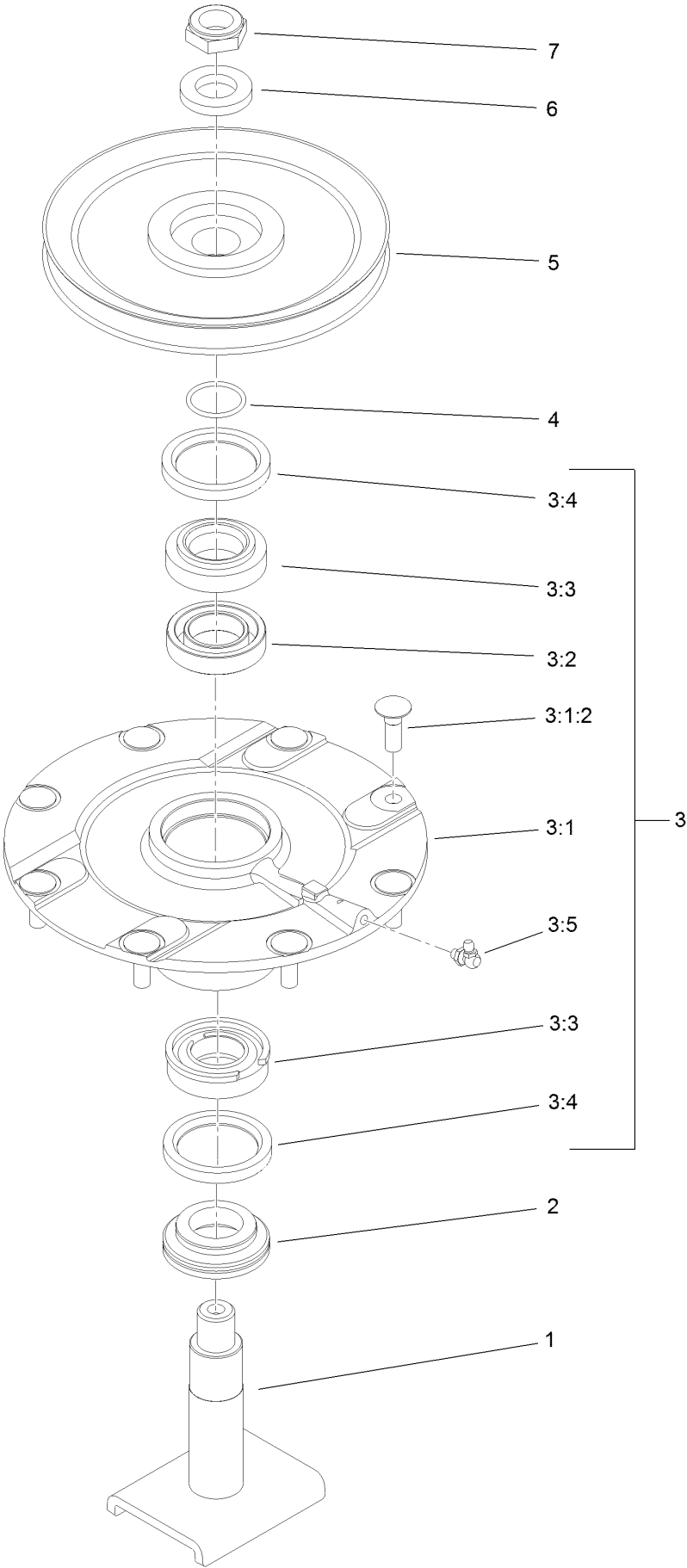
Right Deck, Idler and Skid Assembly



## Right Deck, Idler and Skid 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           | 131-1235           | 1           | Right Deck ASM           | 20          | 100-5623           | 1           | Decal-HOC          |
| 1:1         | 120-6604           | 1           | Decal-Danger             | 21          | 120-5587           | 4           | Pin-Clevis         |
| 1:2         | 100-5694           | 1           | Decal-Rear HOC, RH       | 22          | 104-7524           | 8           | Shim               |
| 1:3         | 32148-9            | 3           | Nut-Clinch               | 23          | 132-6157-01        | 2           | Bracket-Fork       |
| 1:4         | 100-5622           | 1           | Decal-HOC                | 24          | 3231-33            | 2           | Screw-CARR         |
| 1:5         | 100-6578           | 2           | Decal-Danger             | 25          | 3233-2             | 6           | Screw-CARR         |
| 1:6         | 93-7818            | 1           | Decal-Torque, Blade Bolt | 26          | 106-2047           | 2           | Rod-Tension        |
| 2           | 112-1479           | 1           | Skid-Bumper, Deck        | 27          | 3231-22            | 8           | Screw-CARR         |
| 3           | 3296-45            | 6           | Nut-Hex                  | 28          | 104-0858           | 1           | Bolt-Shoulder      |
| 4           | 131-1231-01        | 1           | Plate-Stiffener          | 29          | 9202424            | 1           | Spacer             |
| 5           | 3296-56            | 1           | Nut-Lock, NI             | 30          | 3253-7             | 1           | Washer-Lock        |
| 6           | 132-9421           | 1           | Pulley-Idler, Flat       | 31          | 325-7              | 1           | Screw-HH           |
| 7           | 100-3102           | 1           | Washer-Flat              | 32          | 32120-72           | 1           | Ring-Snap          |
| 8           | 108-8076           | 1           | V-Belt, Deck             | 33          | 3-6498             | 2           | Washer-Thrust      |
| 9           | 3234-42            | 2           | Screw-HHF                | 34          | 140-6227           | 1           | Idler Arm ASM      |
| 10          | 139-1039           | 1           | Low Driven Spindle ASM   | 34:1        | 256-76             | 2           | Bushing            |
| 11          | 32108-103          | 2           | Screw-FH                 | 34:2        | 302-5              | 1           | Fitting-Grease     |
| 12          | 69-9290            | 1           | Pad-Bumper               | 35          | 32128-14           | 2           | Nut-HF             |
| 13          | 104-8300           | 2           | Nut-HF, NI               | 36          | 68-0090            | 1           | Screw-Adjusting    |
| 14          | 104-2250-01        | 1           | Skid-Side                | 37          | 9114524            | 1           | Bolt-TAP, HH       |
| 15          | 104-8301           | 26          | Nut-HF, NI               | 38          | 107938             | 1           | Spring-Extension   |
| 16          | 131-1243           | 1           | Plate-Spindle            | 39          | 32128-26           | 2           | Nut-HF             |
| 16:2        | 100-6578           | 1           | Decal-Danger             | 40          | 9136144            | 1           | Screw-HWHTF        |
| 17          | 3256-3             | 2           | Washer-Flat              | 41          | 70-1160            | 1           | Washer             |
| 18          | 3290-343           | 4           | Pin-Hair                 | 49          | 32151-72           | 2           | Ring-Retaining     |
| 19          | 132-6150-01        | 2           | Bracket-Caster           |             |                    |             |                    |

Low Driven Spindle Assembly No. 139-1039

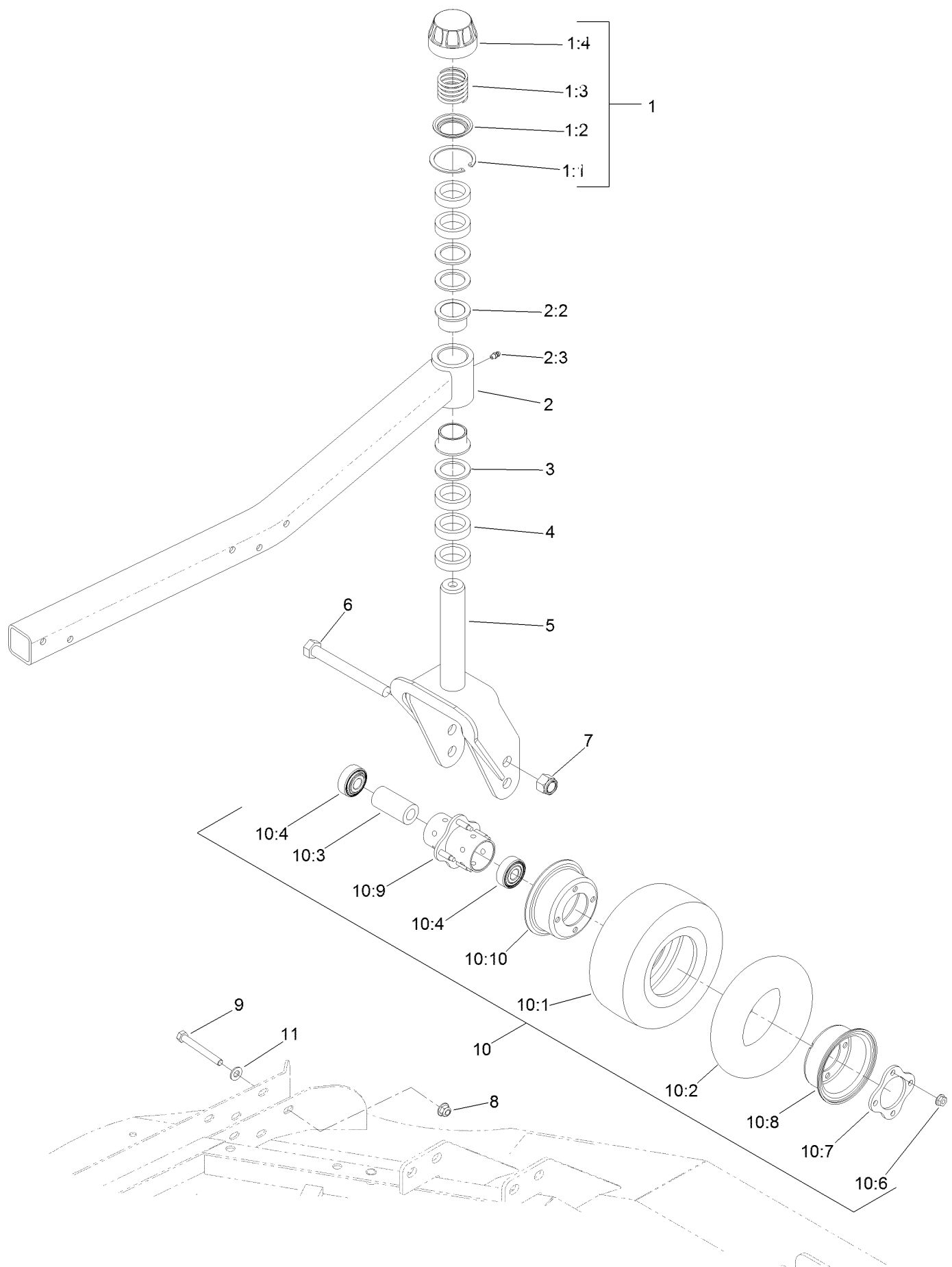


## Low Driven Spindle Assembly No. 139-1039 (continued)

| <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           | 139-1044           | 1           | Shaft-Spindle         | 3:4         | 253-154            | 2           | Seal-Oil           |
| 2           | 138-6416           | 1           | Spacer-Spindle, Shaft | 3:5         | 302-60             | 1           | Fitting-Grease     |
| 3           | 119-4775           | 1           | Spindle Housing ASM   | 4           | 106-7159           | 1           | O-Ring             |
| 3:1         |                    | 1           | Spindle ASM ●         | 5           | 104-3546           | 1           | Pulley-Driven, Low |
| 3:1:2       | 114-8195           | 8           | Bolt-Neck, Ribbed     | 6           | 120-5576           | 1           | Washer-Hardened    |
| 3:2         | 120-5577           | 1           | Bearing Spacer Set    | 7           | 3296-60            | 1           | Nut-Lock, NI       |
| 3:3         | 110-8297           | 1           | Bearing ASM           |             |                    |             |                    |

● Not serviced separately

Right Hand and Left Hand Castor Arm  
and Wheel Assembly

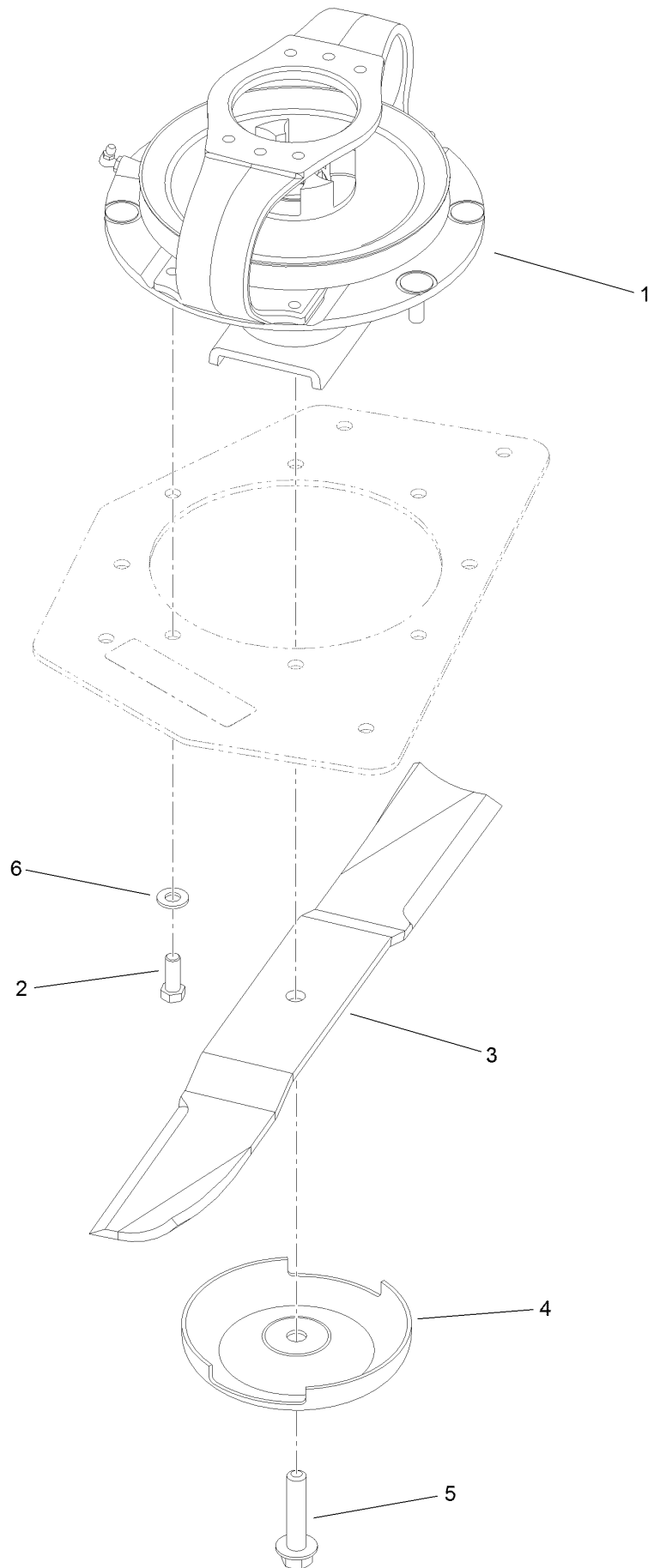


## Right Hand and Left Hand Castor Arm and Wheel Assembly (continued)

| <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           | 92-9727            | 1           | HOC Cap ASM             | 9           | 323-20             | 5           | Screw-HH                          |
| 1:1         | 92-5581            | 1           | Ring-Rtng,Snap,Int,Flat | 10          | 93-5974            | 3           | 8 Inch Foam Filled Wheel<br>ASM ● |
| 1:2         | 92-5583            | 1           | Washer-Cap              | 10          | 93-9938            | 3           | Wheel ASM                         |
| 1:3         | 92-9726            | 1           | Spring-Compression      | 10:1        | 93-9939            | 1           | Tire                              |
| 1:4         | 92-8861            | 1           | Cap-HOC                 | 10:2        | 68-8950            | 1           | Tube-Inner (W/Valve)              |
| 2           | 161-3258           | 1           | Caster Arm ASM          | 10:3        | 93-4241            | 1           | Spacer-Bearing, Inner             |
| 2:2         | 302-5              | 1           | Fitting-Grease          | 10:4        | 120-3366           | 2           | Bearing                           |
| 2:3         | 69-6470            | 2           | Bushing-Caster          | 10:6        | 32128-16           | 4           | Nut-HHF                           |
| 3           | 69-6860            | 3           | Washer-Thrust           | 10:7        | 93-4242            | 1           | Plate                             |
| 4           | 69-1510            | 5           | Spacer                  | 10:8        | 93-4239            | 1           | Rim-Wheel, Half                   |
| 5           | 140-6300-01        | 1           | Fork-Caster             | 10:9        | 93-5980            | 1           | Hub                               |
| 6           | 327-24             | 3           | Screw-HH                | 10:10       | 95-2741            | 1           | Rim-Wheel, Half                   |
| 7           | 3296-53            | 3           | Nut-Lock, NI            | 11          | 3256-24            | 5           | Washer-Plain                      |
| 8           | 104-8301           | 5           | Nut-HF, NI              |             |                    |             |                                   |

● Optional Equipment

# LH and RH Deck Driving Spindle Assembly

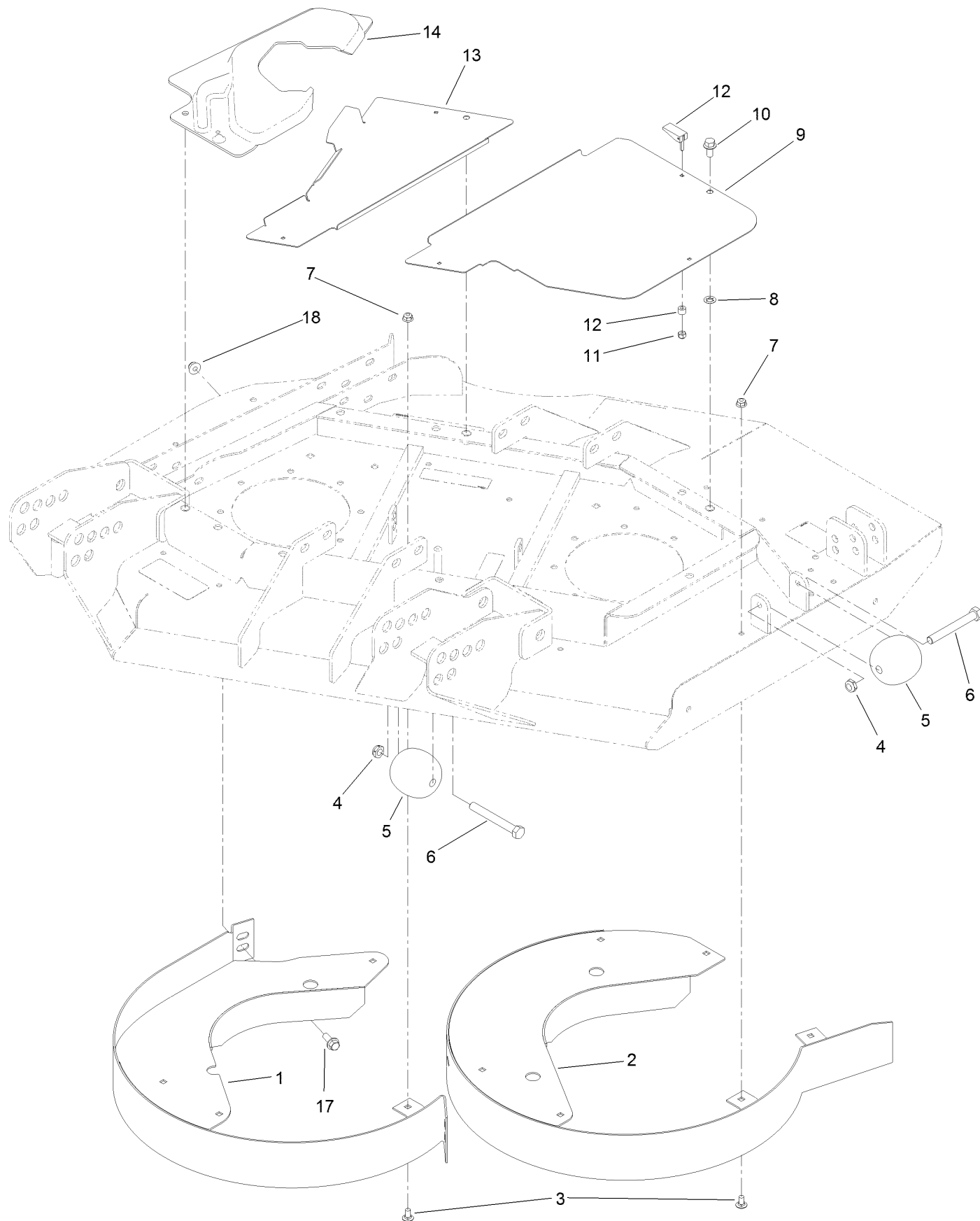


## LH and RH Deck Driving Spindle Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>        |
|-------------|--------------------|-------------|---------------------------|
| 1           | 139-1035           | 1           | Single Driven Spindle ASM |
| 2           | 323-6              | 4           | Screw-HH                  |
| 3           | 92-5608-03         | 2           | Blade                     |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 4           | 72-9361            | 2           | Cup-Scalp, Anti    |
| 5           | 92-5816            | 2           | Bolt-Blade         |
| 6           | 3256-24            | 4           | Washer-Plain       |

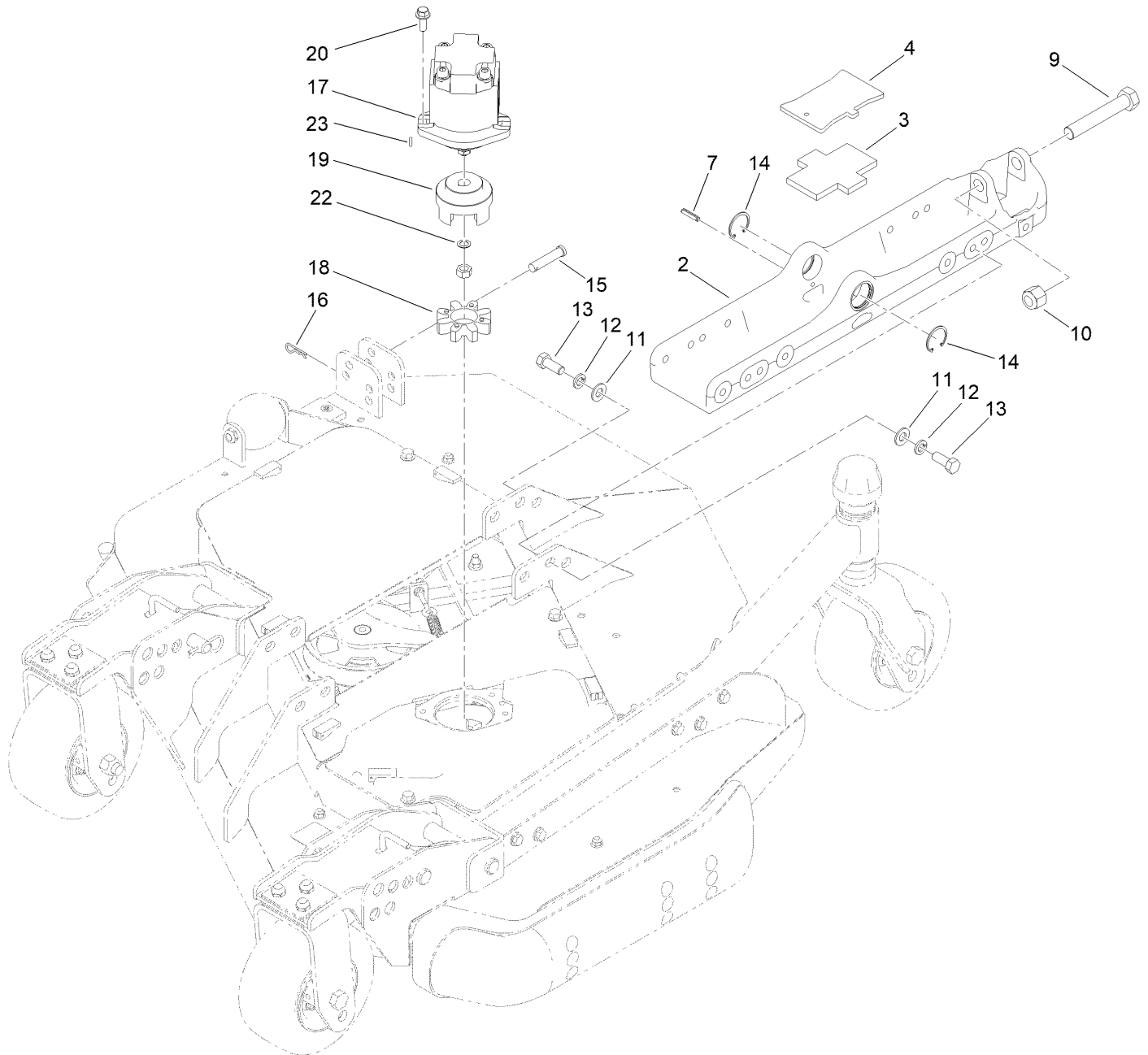
# Right Deck Discharge Chamber and Cover Assembly



## Right Deck Discharge Chamber 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           | 130-2680-0P        | 1           | Chamber-Outer      | 9           | 100-5668-03        | 1           | Plate-Cover, RH Side |
| 2           | 130-2681-0P        | 1           | Chamber-Inner      | 10          | 3234-1             | 3           | Screw-HHF            |
| 3           | 3230-18            | 11          | Screw-CARR         | 11          | 1-804254           | 7           | Nut-Lock, HH         |
| 4           | 3296-45            | 2           | Nut-Hex            | 12          | 74-5950            | 7           | Latch-Swell          |
| 5           | 29-4820            | 2           | Roller             | 13          | 100-5665-03        | 1           | Plate-Cover, RH      |
| 6           | 325-17             | 2           | Screw-HH           | 14          | 100-5666           | 1           | Cover-Motor, RH Deck |
| 7           | 104-8300           | 11          | Nut-HF, NI         | 17          | 3234-42            | 1           | Screw-HHF            |
| 8           | 107-3154           | 3           | Nut-Push           | 18          | 104-8301           | 1           | Nut-HF, NI           |

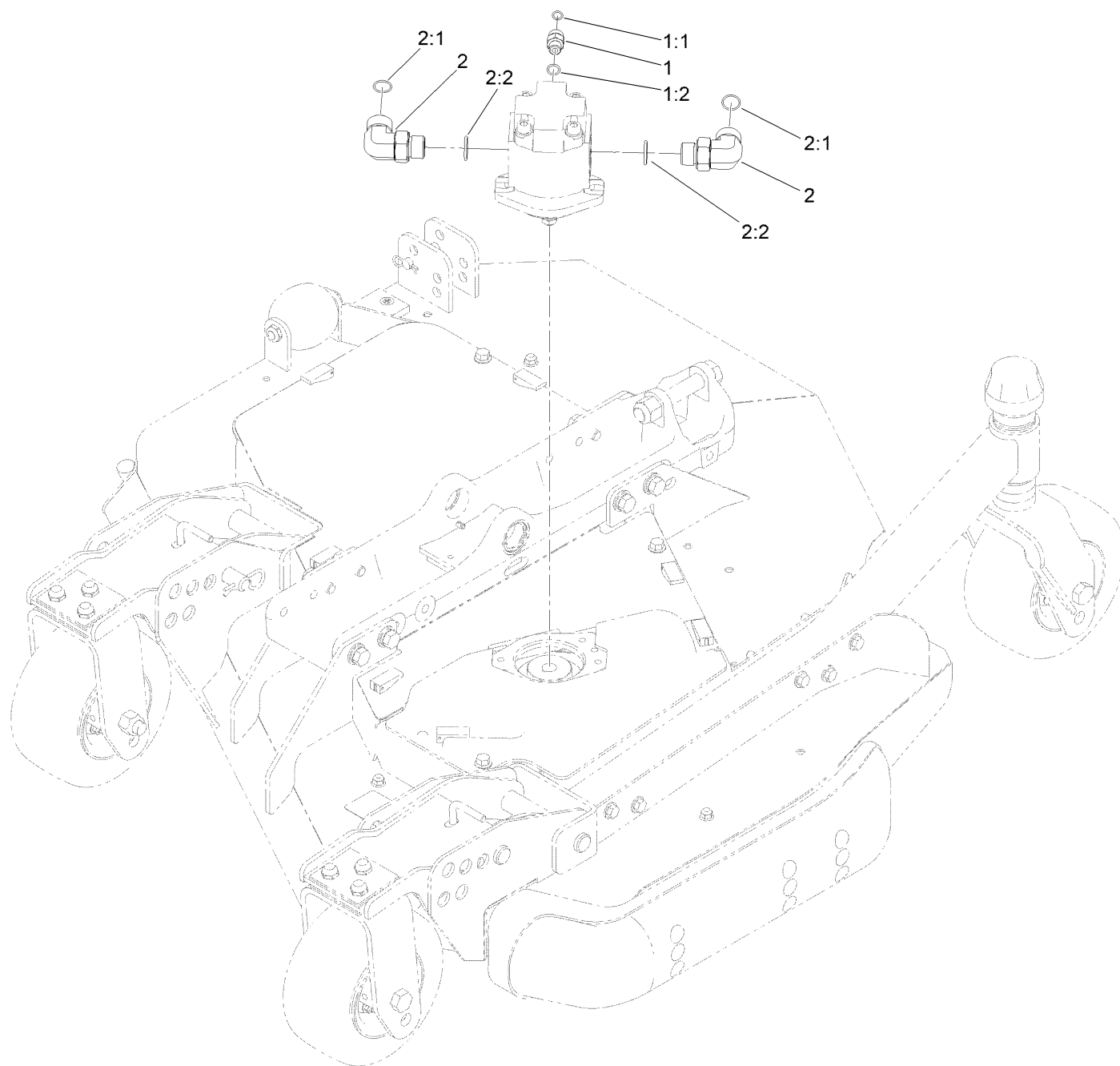
# Left Deck Mount Assembly



## Left Deck Mount 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>  |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|---------------------|
| 2           | 136-0033-03        | 1           | Mount-Deck         | 14          | 145-8397           | 2           | Ring-Retaining, Int |
| 3           | 104-8348           | 1           | Plate-Rubber       | 15          | 92-2739            | 1           | Pin-Clevis          |
| 4           | 136-0041-03        | 1           | Plate              | 16          | 3290-467           | 1           | Pin-Hair            |
| 7           | 32121-69           | 1           | Pin-Roll           | 17          | 127-3694           | 1           | HYD Motor ASM       |
| 9           | 328-8              | 1           | Screw-HH           | 18          | 104-3542           | 1           | Spider              |
| 10          | 3296-51            | 1           | Nut-Lock, NI       | 19          | 104-3541           | 1           | Hub-Spider          |
| 11          | 3256-26            | 8           | Washer-Flat        | 20          | 3234-42            | 2           | Screw-HHF           |
| 12          | 3253-7             | 8           | Washer-Lock        | 22          | 112-6957           | 1           | Washer-Hardened     |
| 13          | 325-5              | 8           | Screw-HH           | 23          | 3257-3             | 1           | Key-Woodruff        |

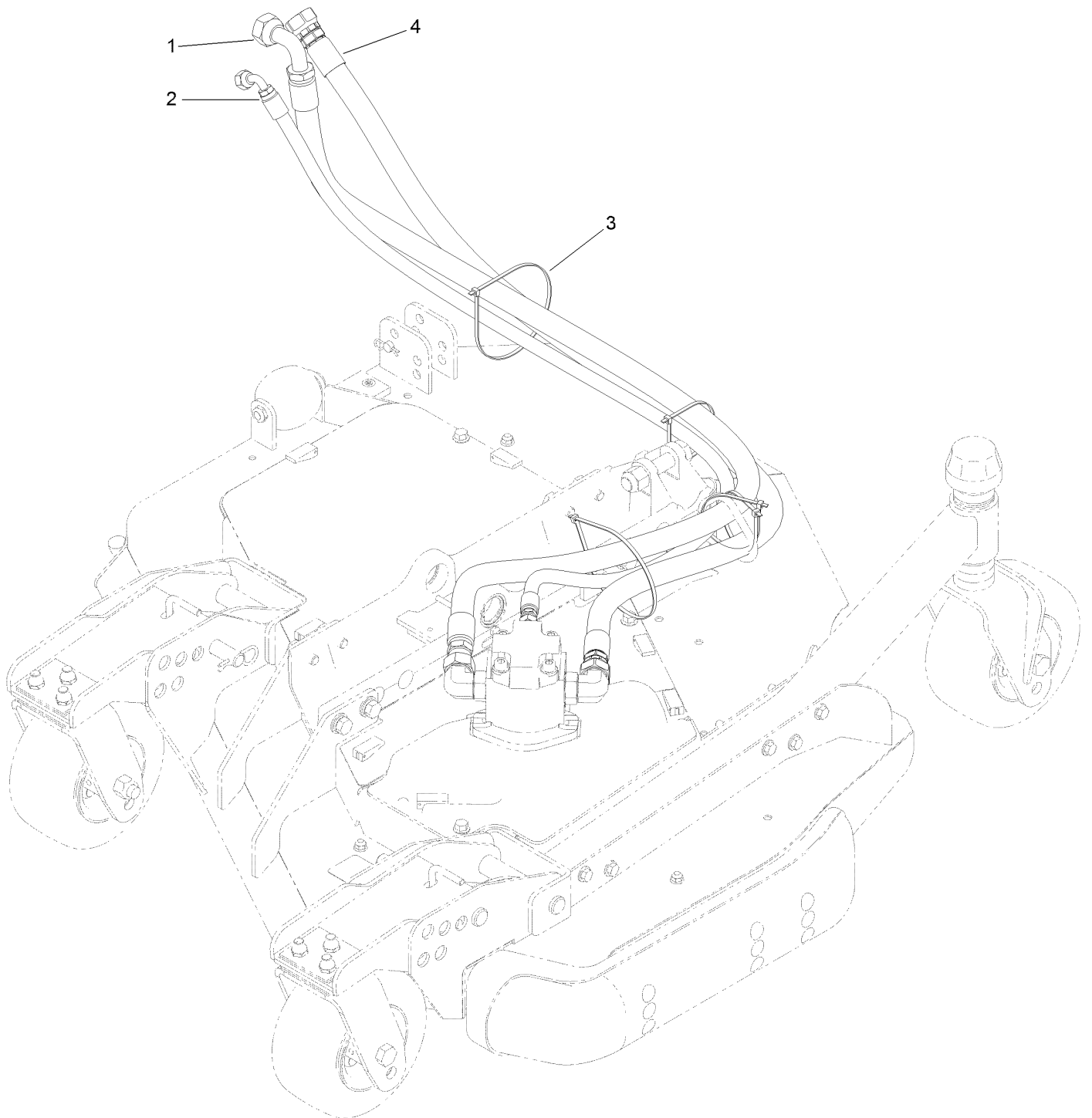
# Left Deck Hydraulic Fitting Assembly



## Left Deck 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           | 340-2              | 1           | Fitting-Straight   | 2           | 340-142            | 2           | Fitting-Elbow, 90 DEG |
| 1:1         | 237-22             | 1           | O-Ring             | 2:1         | 237-58             | 1           | O-Ring                |
| 1:2         | 237-42             | 1           | O-Ring             | 2:2         | 237-81             | 1           | O-Ring                |

# Left Deck Hose Assembly

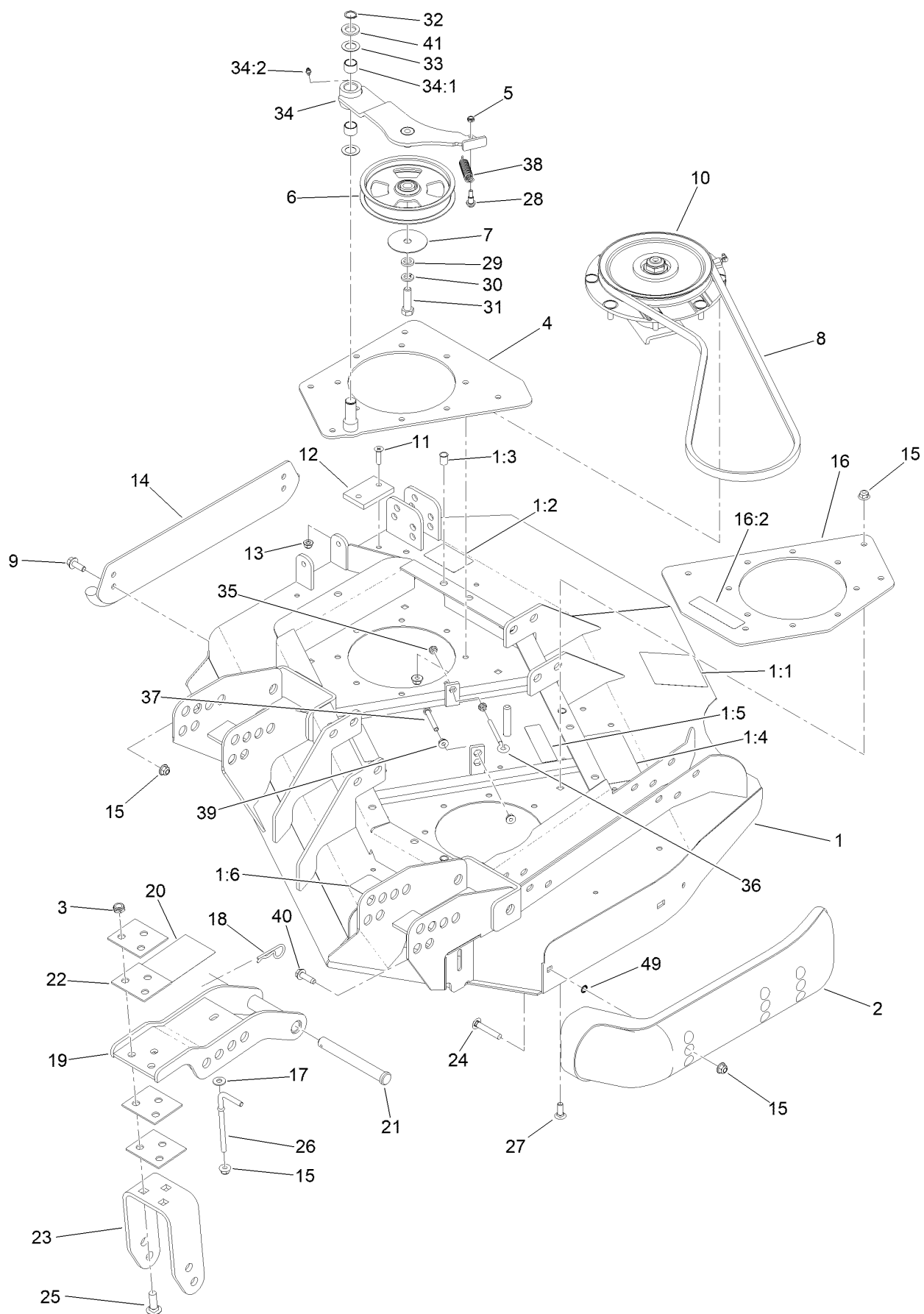


## Left Deck Hose Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 120-8959           | 1           | Hose-HYD           |
| 2           | 104-2265           | 1           | Hose-HYD           |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 3           | 3290-379           | 4           | Tie-Cable          |
| 4           | 132-6116           | 1           | Hose-HYD           |

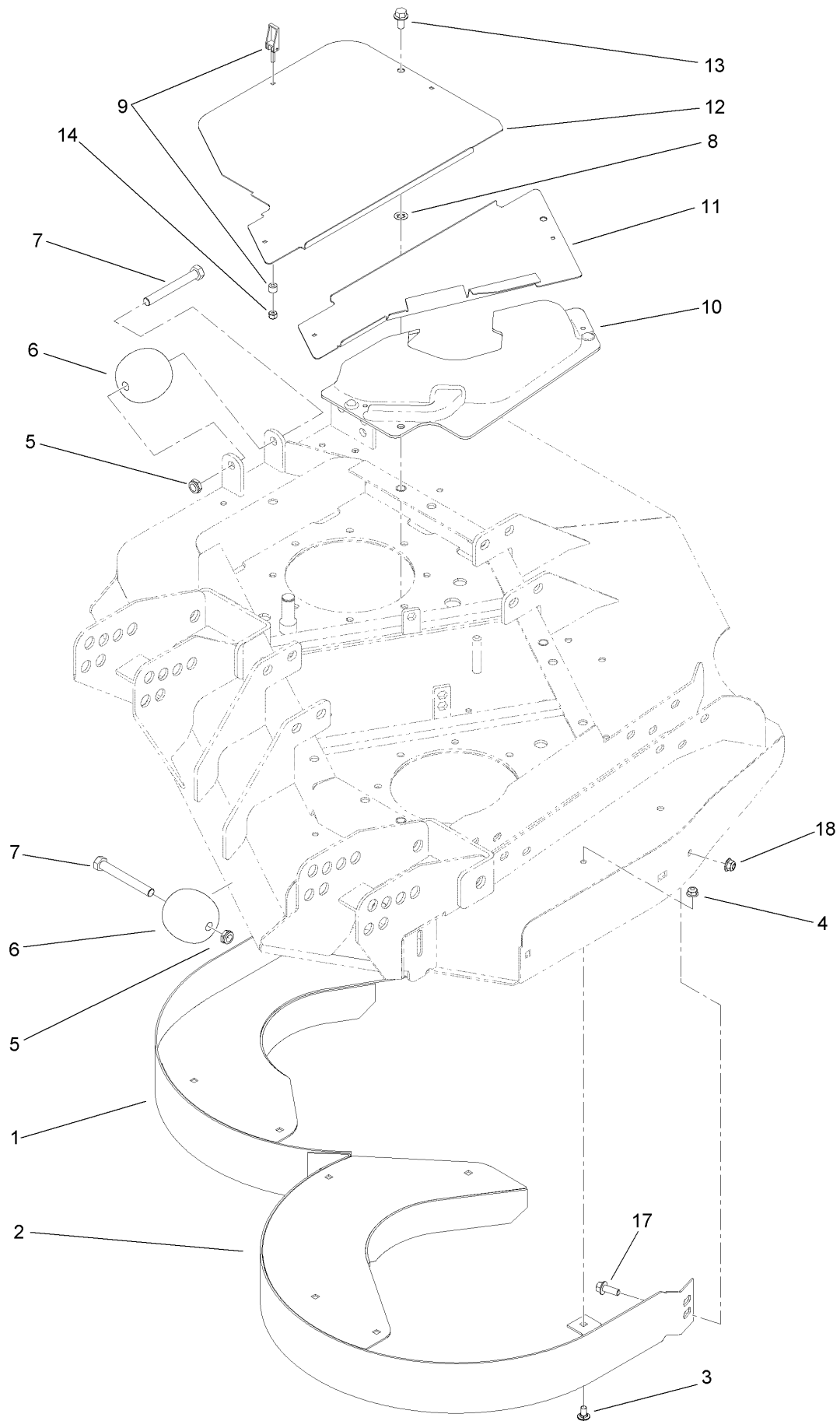
# Left Deck, Idler and Skid Assembly



## Left Deck, Idler and Skid 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           | 131-1236           | 1           | Left Deck ASM            | 20          | 104-3579           | 1           | Decal-HOC          |
| 1:1         | 120-6604           | 1           | Decal-Danger             | 21          | 120-5587           | 4           | Pin-Clevis         |
| 1:2         | 100-5693           | 1           | Decal-Rear HOC, LH       | 22          | 104-7524           | 8           | Shim               |
| 1:3         | 32148-9            | 3           | Nut-Clinch               | 23          | 132-6157-01        | 2           | Bracket-Fork       |
| 1:4         | 100-5622           | 1           | Decal-HOC                | 24          | 3231-33            | 2           | Screw-CARR         |
| 1:5         | 100-6578           | 2           | Decal-Danger             | 25          | 3233-2             | 6           | Screw-CARR         |
| 1:6         | 93-7818            | 1           | Decal-Torque, Blade Bolt | 26          | 106-2047           | 2           | Rod-Tension        |
| 2           | 112-1479           | 1           | Skid-Bumper, Deck        | 27          | 3231-22            | 8           | Screw-CARR         |
| 3           | 3296-45            | 6           | Nut-Hex                  | 28          | 104-0858           | 1           | Bolt-Shoulder      |
| 4           | 131-1233-01        | 1           | Plate-Stiffener          | 29          | 9202424            | 1           | Spacer             |
| 5           | 3296-56            | 1           | Nut-Lock, NI             | 30          | 3253-7             | 1           | Washer-Lock        |
| 6           | 132-9421           | 1           | Pulley-Idler, Flat       | 31          | 325-7              | 1           | Screw-HH           |
| 7           | 100-3102           | 1           | Washer-Flat              | 32          | 32120-72           | 1           | Ring-Snap          |
| 8           | 108-8076           | 1           | V-Belt, Deck             | 33          | 3-6498             | 2           | Washer-Thrust      |
| 9           | 3234-42            | 2           | Screw-HHF                | 34          | 140-6227           | 1           | Idler Arm ASM      |
| 10          | 139-1039           | 1           | Low Driven Spindle ASM   | 34:1        | 256-76             | 2           | Bushing            |
| 11          | 32108-103          | 2           | Screw-FH                 | 34:2        | 302-5              | 1           | Fitting-Grease     |
| 12          | 69-9290            | 1           | Pad-Bumper               | 35          | 32128-14           | 2           | Nut-HF             |
| 13          | 104-8300           | 2           | Nut-HF, NI               | 36          | 68-0090            | 1           | Screw-Adjusting    |
| 14          | 104-2250-01        | 1           | Skid-Side                | 37          | 9114524            | 1           | Bolt-TAP, HH       |
| 15          | 104-8301           | 26          | Nut-HF, NI               | 38          | 107938             | 1           | Spring-Extension   |
| 16          | 131-1244           | 1           | Plate-Spindle            | 39          | 32128-26           | 2           | Nut-HF             |
| 16:2        | 100-6578           | 1           | Decal-Danger             | 40          | 9136144            | 1           | Screw-HWHTF        |
| 17          | 3256-3             | 2           | Washer-Flat              | 41          | 70-1160            | 1           | Washer             |
| 18          | 3290-343           | 4           | Pin-Hair                 | 49          | 32151-72           | 2           | Ring-Retaining     |
| 19          | 132-6150-01        | 2           | Bracket-Caster           |             |                    |             |                    |

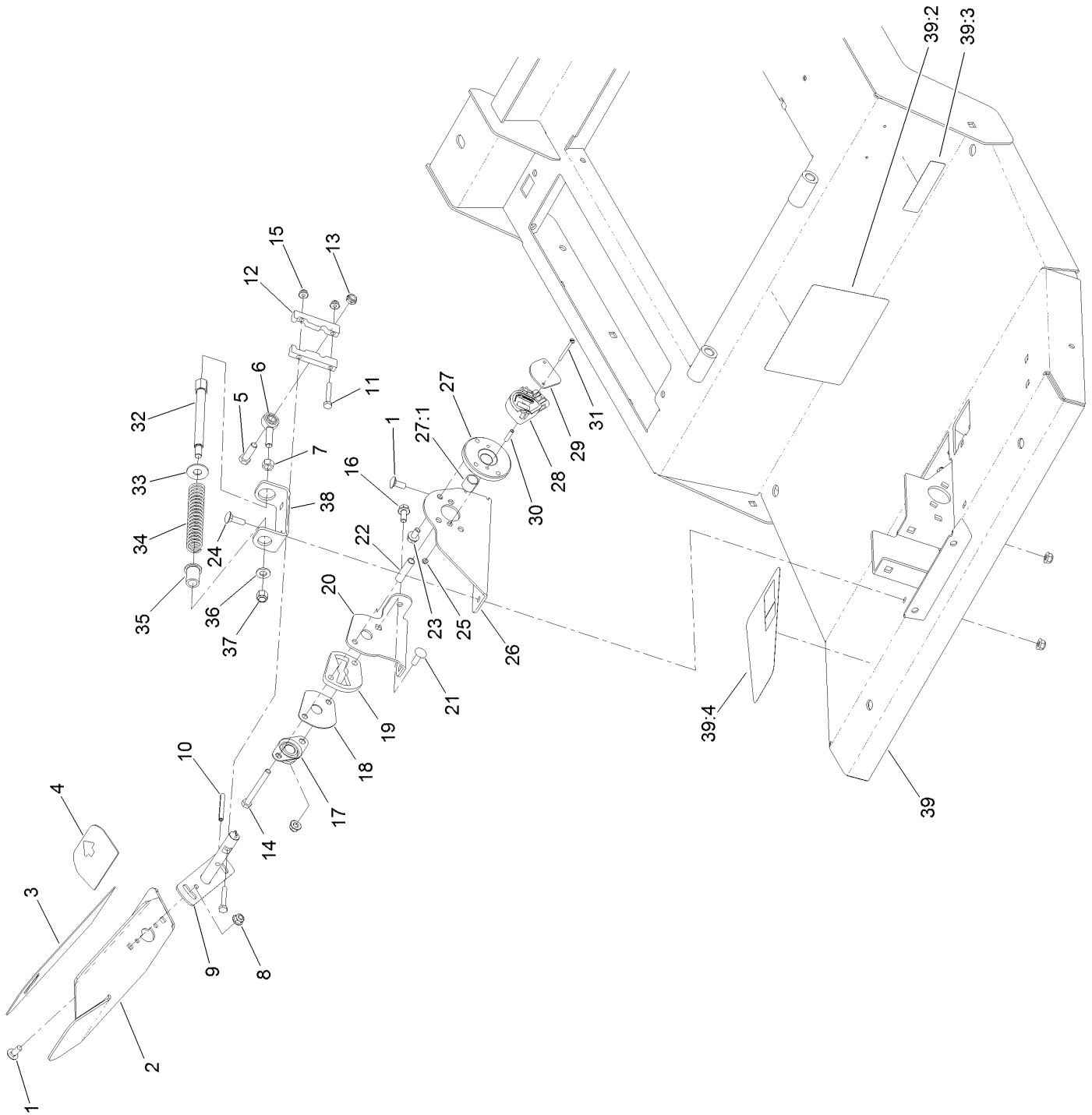
# Left Deck Discharge Chamber and Cover Assembly



## Left Deck Discharge Chamber 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           | 130-2682-0P        | 1           | Chamber-Outer      | 9           | 74-5950            | 7           | Latch-Swell          |
| 2           | 130-2683-0P        | 1           | Chamber-Inner      | 10          | 100-5669           | 1           | Cover-Motor, LH Deck |
| 3           | 3230-18            | 9           | Screw-CARR         | 11          | 100-5664-03        | 1           | Plate-Cover, LH      |
| 4           | 104-8300           | 9           | Nut-HF, NI         | 12          | 100-5667-03        | 1           | Plate-Cover, LH Side |
| 5           | 3296-45            | 2           | Nut-Hex            | 13          | 3234-1             | 3           | Screw-HHF            |
| 6           | 29-4820            | 2           | Roller             | 14          | 1-804254           | 7           | Nut-Lock, HH         |
| 7           | 325-17             | 2           | Screw-HH           | 17          | 3234-42            | 1           | Screw-HHF            |
| 8           | 107-3154           | 3           | Nut-Push           | 18          | 104-8301           | 1           | Nut-HF, NI           |

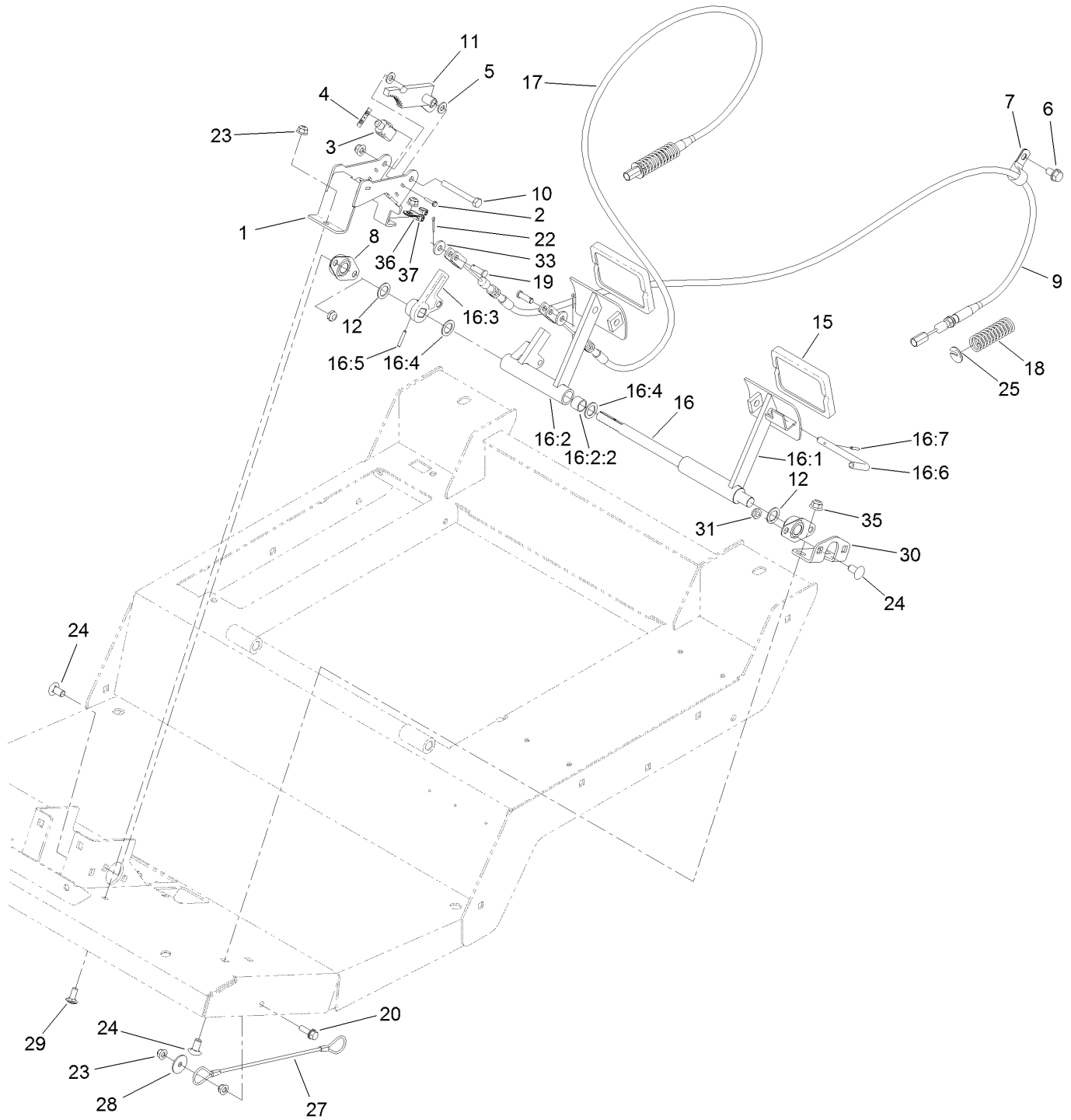
# Traction Pedal and Platform Assembly



## Traction Pedal and Platform 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           | 3230-23            | 5           | Bolt-CARR             | 23          | 114-7728           | 2           | Screw-HHF, Patch                 |
| 2           | 136-4368-01        | 1           | Pedal-Traction        | 24          | 3230-2             | 2           | Bolt-CARR                        |
| 3           | 93-5347            | 1           | Abrasive-Pedal        | 25          | 3296-9             | 2           | Nut-Hex                          |
| 4           | 93-5368            | 1           | Abrasive-Pedal        | 26          | 136-4384-0P        | 1           | Bracket-Sender                   |
| 5           | 323-7              | 1           | Screw-HH              | 27          | 140-6215           | 1           | Bushing Hub ASM                  |
| 6           | 2411-36            | 1           | Bearing-End, Rod      | 27:1        | 95-7497            | 1           | Bushing-Wheel                    |
| 7           | 3219-3             | 1           | Nut-Hex               | 28          | 114-5609           | 1           | Sensor-Position                  |
| 8           | 104-8300           | 9           | Nut-HF, NI            | 29          | 114-5595           | 1           | Plate-Capture                    |
| 9           | 131-2245           | 1           | Shaft-Pedal, Traction | 30          | 114-5608           | 2           | Spacer-Standoff                  |
| 10          | 32121-78           | 1           | Pin-Roll              | 31          | 32105-25           | 2           | Screw-SHH                        |
| 11          | 321-37             | 2           | Screw-HH              | 32          | 117-5446           | 1           | Shaft-Spring                     |
| 12          | 117-5459           | 2           | Block-Clamp           | 33          | 3256-5             | 1           | Washer-Flat                      |
| 13          | 3296-59            | 1           | Nut-Lock, NI          | 34          | 84-9100            | 1           | Spring                           |
| 14          | 322-14             | 1           | Screw-HH              | 35          | 92-7610            | 1           | Retainer-Spring                  |
| 15          | 104-7201           | 2           | Nut-HF, NI            | 36          | 3256-24            | 1           | Washer-Plain                     |
| 16          | 3234-47            | 1           | Screw-HHF             | 37          | 3296-6             | 1           | Nut-Lock                         |
| 17          | 256-236            | 1           | Bearing-Mount, Flange | 38          | 131-2252-0P        | 1           | Bracket-Spring                   |
| 18          | 117-5455           | 1           | Plate-Cover           | 39          | 132-6251           | 1           | Platform ASM                     |
| 19          | 117-5454           | 1           | Plate-Butterfly       | 39:2        | 114-0846           | 1           | Decal-Instructions,<br>Operating |
| 20          | 131-2250-0P        | 1           | Bracket-Pedal, Outer  | 39:3        | 133-8062           | 1           | Decal-Spark Arrestor             |
| 21          | 3230-22            | 1           | Screw-CARR            | 39:4        | 114-0849           | 1           | Decal-Pedal, Traction            |
| 22          | 93-7960            | 1           | Spacer                |             |                    |             |                                  |

# Brake Pedal Assembly

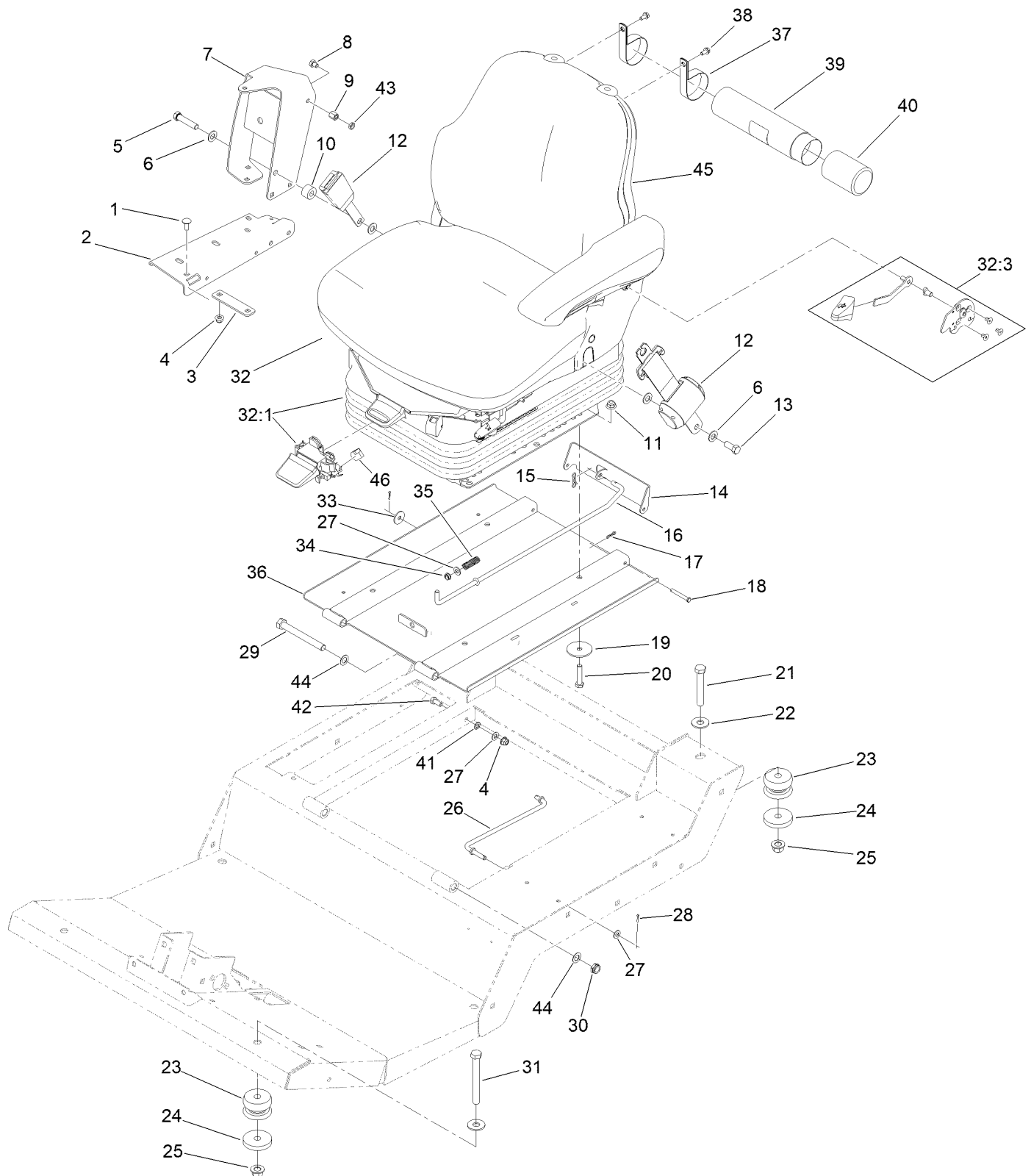


## Brake Pedal Assembly (continued)

| <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           | 132-6259-0P        | 1           | Mount-Switch          | 16:6        | 63-7880            | 1           | Pin-Latch, Brake   |
| 2           | 117-5458           | 4           | Screw-HHF             | 16:7        | 32121-50           | 1           | Pin-Spring         |
| 3           | 99-3410            | 2           | Switch                | 17          | 120-8898           | 1           | Cable-Brake, RH    |
| 4           | 108-9824           | 2           | Nut-Switch            | 18          | 94-3088            | 2           | Spring-Compression |
| 5           | 3256-23            | 2           | Washer-Plain          | 19          | 120-9694           | 2           | Pin-Clevis         |
| 6           | 32144-69           | 2           | Screw-HWHTF           | 20          | 3234-29            | 1           | Screw-HHF          |
| 7           | 2412-4             | 2           | Clamp-R               | 22          | 3272-6             | 2           | Pin-Cotter         |
| 8           | 256-236            | 2           | Bearing-Mount, Flange | 23          | 104-8300           | 5           | Nut-HF, NI         |
| 9           | 120-8899           | 1           | Cable-Brake, LH       | 24          | 3231-21            | 6           | Screw-CARR         |
| 10          | 322-13             | 1           | Screw-HH              | 25          | 94-3050            | 2           | Plate-Spring       |
| 11          | 132-6290-0P        | 1           | Rack                  | 27          | 110-4896           | 1           | Lanyard            |
| 12          | 3256-69            | 2           | Washer-Flat           | 28          | 3256-57            | 1           | Washer-Flat        |
| 15          | 93-8742            | 2           | Footpad-Brake         | 29          | 3230-23            | 2           | Bolt-CARR          |
| 16          |                    | 1           | Brake Pedal ASM ●     | 30          | 132-6247-01        | 1           | Mount-Bearing      |
| 16:1        | 139-7780           | 1           | Pedal-Brake, LH       | 31          | 3296-59            | 4           | Nut-Lock, NI       |
| 16:2        | 140-5832           | 1           | RH Brake Pedal ASM    | 33          | 4-2390             | 2           | Washer-Flat        |
| 16:2:2      | 256-42             | 2           | Bushing               | 35          | 104-8301           | 2           | Nut-HF, NI         |
| 16:3        | 137-1632           | 1           | Hub-Brake             | 36          | 88-7970            | 1           | Clip               |
| 16:4        | 3256-69            | 2           | Washer-Flat           | 37          | 1-303287           | 2           | Tie-Cable          |
| 16:5        | 32121-125          | 1           | Pin-Roll              |             |                    |             |                    |

● Not serviced separately

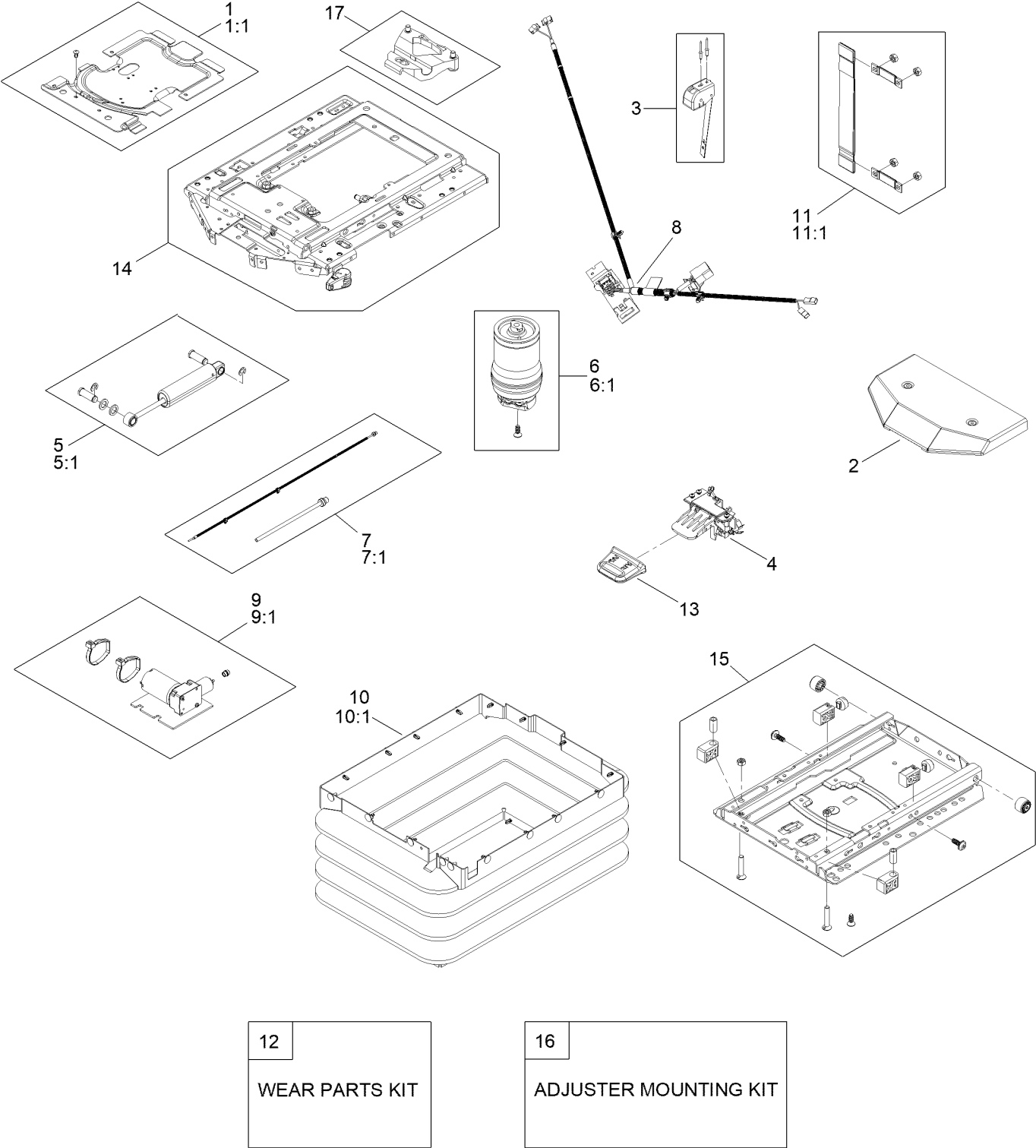
# Seat Base and Seat Assembly



## Seat Base and Seat 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           | 3230-23            | 6           | Bolt-CARR            | 25          | 99-5107            | 4           | Nut-HF Nylock            |
| 2           | 119-0000-03        | 1           | Channel-Support      | 26          | 93-5338            | 1           | Rod-Prop                 |
| 3           | 112-7449           | 1           | Strap-Support        | 27          | 3256-23            | 3           | Washer-Plain             |
| 4           | 104-8300           | 7           | Nut-HF, NI           | 28          | 3272-5             | 2           | Pin-Cotter               |
| 5           | 3212-8             | 1           | Screw-HH             | 29          | 325-18             | 2           | Screw-HH                 |
| 6           | 3256-25            | 4           | Washer-Flat          | 30          | 3296-45            | 2           | Nut-Hex                  |
| 7           | 117-4798-03        | 1           | Arm-Support          | 31          | 702093             | 2           | Screw-HH                 |
| 8           | 108-8646           | 1           | Screw-HH, Lock       | 32          | 132-1302           | 1           | Seat And Suspension ASM  |
| 9           | 112-7405           | 1           | Nut-Hex, Coupling    | 32:1        | 130-2702           | 1           | Air Ride Seat Suspension |
| 10          | 17-7190            | 1           | Spacer-Finger        | 32:3        | 132-1304           | 1           | Backrest Adjustment Kit  |
| 11          | 104-8301           | 4           | Nut-HF, NI           | 33          | 3256-82            | 1           | Washer-Flat              |
| 12          | 110-0413           | 1           | Seatbelt-Retractable | 34          | 5979               | 1           | Bushing-Nyliner          |
| 13          | 3212-4             | 1           | Screw-HH             | 35          | 95-1821            | 1           | Spring-Compression       |
| 14          | 120-9017-0P        | 1           | Latch-Seat           | 36          | 137-5475-03        | 1           | Plate-Seat               |
| 15          | 119-1415           | 1           | Pin-Cotter, Locking  | 37          | 2412-133           | 2           | Clamp-R                  |
| 16          | 120-9018           | 1           | Rod-Latch            | 38          | 32104-116          | 2           | Screw-HWHTF              |
| 17          | 119-1414           | 2           | Pin-Cotter, Locking  | 39          | 104-7050           | 1           | Tube-Manual              |
| 18          | 283-57             | 2           | Pin-Clevis           | 40          | 104-7048           | 1           | Cap-Housing              |
| 19          | 83-1040            | 4           | Washer-Flat          | 41          | 3255-8             | 1           | Washer-Lock              |
| 20          | 323-9              | 4           | Screw-HH             | 42          | 322-3              | 1           | Screw-HH                 |
| 21          | 112-7264           | 2           | Screw-HH             | 43          | 117-4059           | 1           | Nut-Hex                  |
| 22          | 3256-6             | 4           | Washer-Flat          | 44          | 36-4780            | 4           | Washer-Plain             |
| 23          | 110-5954           | 4           | Mount-Center, Bonded | 45          | 117-5676           | 1           | Premium Seat ASM         |
| 24          | 115-5519           | 4           | Washer-Plain         | 46          | 161-1739           | 1           | Foam-Switch              |

Air Ride Seat Suspension Assembly No. 130-2702

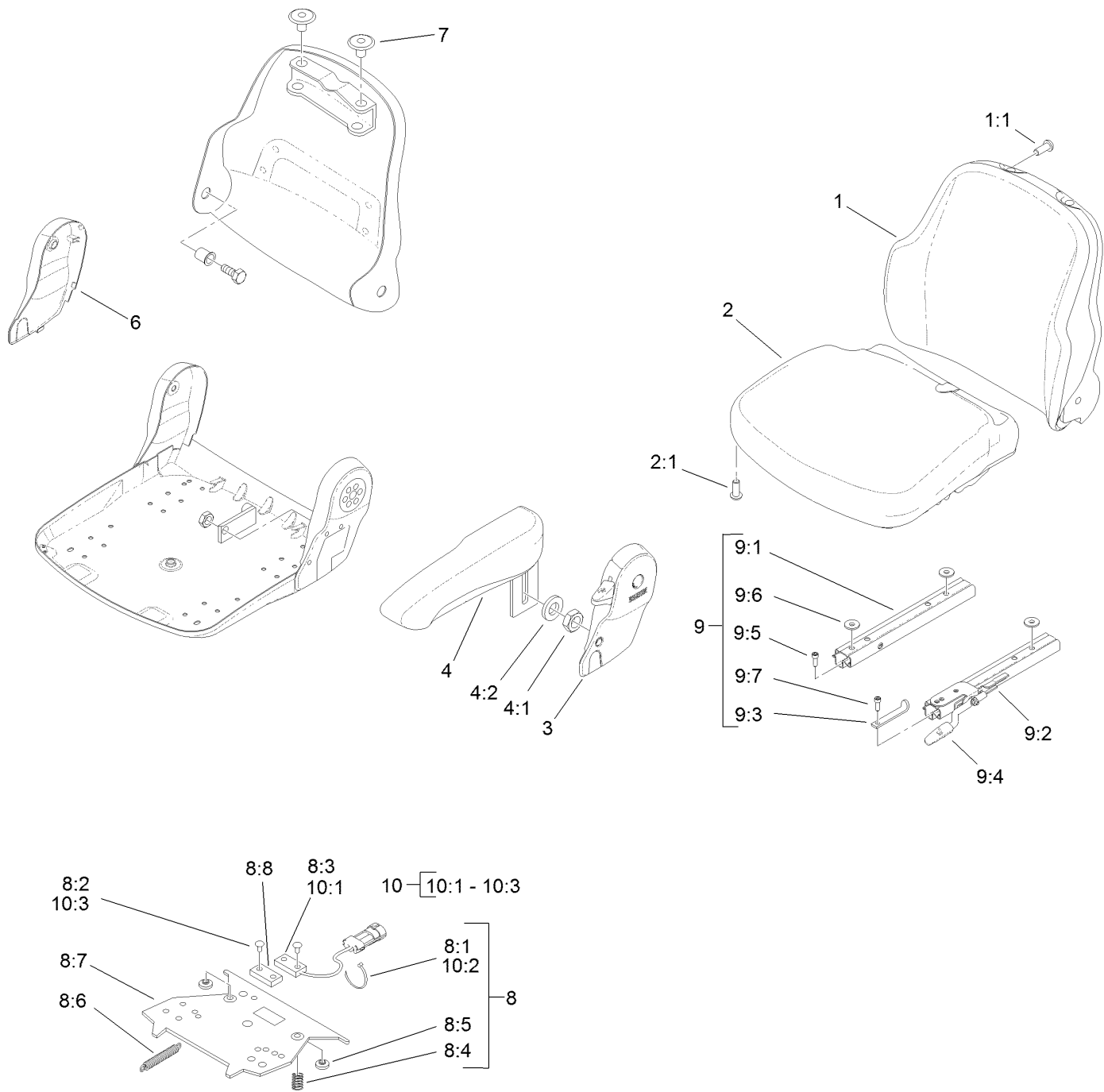


# Air Ride Seat Suspension Assembly No. 130-2702 (continued)

| <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           | 130-2709           | 1           | Cover ASM          | 9           | 130-2719           | 1           | Compressor              |
| 1:1         | 130-2710           | 1           | Cover Kit          | 9:1         | 130-2720           | 1           | Compressor Kit          |
| 2           | 108-8027           | 1           | Cover              | 10          | 130-2721           | 1           | Bellows ASM             |
| 3           | 130-2711           | 1           | Control-Level      | 10:1        | 130-2722           | 1           | Bellows Kit             |
| 4           | 108-8029           | 1           | Valve-Control, Air | 11          | 130-2723           | 1           | Tether                  |
| 5           | 130-2712           | 1           | Shock Absorber ASM | 11:1        | 130-2724           | 1           | Tether Kit              |
| 5:1         | 130-2713           | 1           | Shock Absorber Kit | 12          | 130-2725           | 1           | Wear Parts Kit ●        |
| 6           | 130-2714           | 1           | Air Spring ASM     | 13          | 130-2726           | 1           | Handle                  |
| 6:1         | 130-2715           | 1           | Air Spring Kit     | 14          | 130-2727           | 1           | Upper Suspension Kit    |
| 7           | 130-2716           | 1           | Air Tube ASM       | 15          | 130-2728           | 1           | Lower Suspension Kit    |
| 7:1         | 130-2717           | 1           | Air Tube Kit       | 16          | 130-2729           | 1           | Adjuster Mounting Kit ● |
| 8           | 147-1720           | 1           | Wire Harness ASM   | 17          | 130-2730           | 1           | Limiter-Thrust          |

● Not illustrated

Vinyl Premium Seat Assembly No. 117-5676

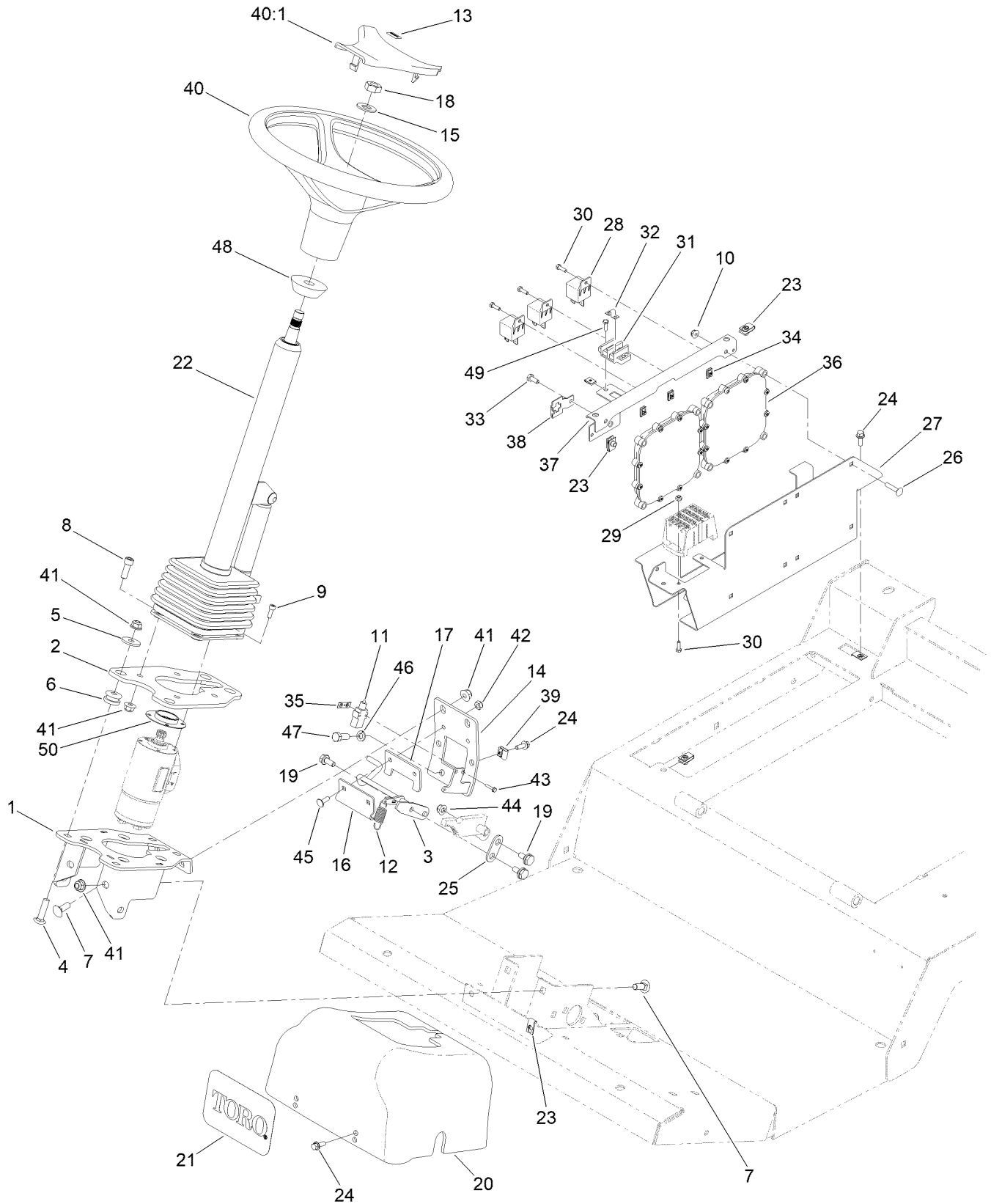


# Vinyl Premium Seat Assembly No. 117-5676 (continued)

| <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           | 108-8016           | 1           | Backrest Cushion ASM    | 8:6         |                    | 1           | Spring-Extension ●    |
| 1:1         | 119-7742           | 4           | Screw-Cushion           | 8:7         |                    | 1           | Plate-Mounting ●      |
| 2           | 108-8017           | 1           | Seat Cushion ASM        | 8:8         |                    | 1           | Magnet ●              |
| 2:1         | 119-7742           | 3           | Screw-Cushion           | 9           | 108-8025           | 1           | Adjustment Rail Set   |
| 3           | 108-8018           | 1           | Cover-Armrest           | 9:1         |                    | 1           | Rail-Adjustment, RH ● |
| 4           | 108-8019           | 1           | LH Armrest ASM          | 9:2         |                    | 1           | Rail-Adjustment, LH ● |
| 4:1         | 82-9650            | 1           | Nut                     | 9:3         |                    | 1           | Stop-Rail ●           |
| 4:2         | 107-1198           | 1           | Washer                  | 9:4         |                    | 1           | Handle ●              |
| 6           | 108-8021           | 1           | Cover-Armrest           | 9:5         |                    | 3           | Screw ●               |
| 7           | 108-8022           | 2           | Cover-Black             | 9:6         |                    | 3           | Washer ●              |
| 8           | 108-8024           | 1           | Switch Kit              | 9:7         |                    | 1           | Screw ●               |
| 8:1         |                    | 3           | Wire Tie ●              | 10          | 110-6189           | 1           | Switch Kit            |
| 8:2         |                    | 4           | Rivet ●                 | 10:1        |                    | 1           | Switch ●              |
| 8:3         |                    | 1           | Sensor-Seat Switch ●    | 10:2        |                    | 3           | Wire Tie ●            |
| 8:4         |                    | 2           | Spring-Compression ●    | 10:3        |                    | 2           | Rivet ●               |
| 8:5         |                    | 2           | Bumper-Pressure Plate ● |             |                    |             |                       |

● Not serviced separately

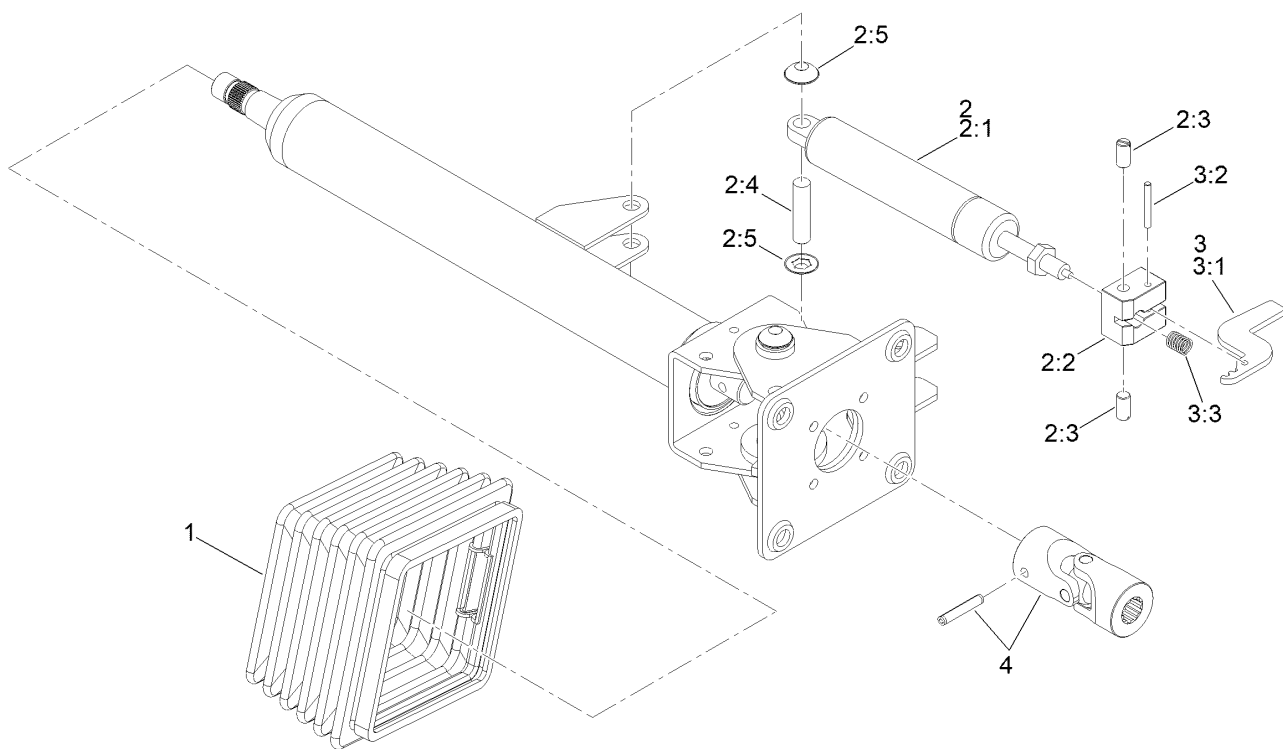
# Steering and Controller Assembly



## Steering and Controller 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           | 137-5590-0P        | 1           | Mount                    | 27          | 120-4093-0P        | 1           | Mount-Power            |
| 2           | 137-5588-0P        | 1           | Plate-Mount, Column      | 28          | 99-7435            | 3           | Relay                  |
| 3           | 132-6285           | 1           | Rod-Brake                | 29          | 3296-12            | 2           | Nut-Lock, NI           |
| 4           | 3231-26            | 4           | Screw-CARR               | 30          | 3290-134           | 5           | Screw                  |
| 5           | 63-8410            | 4           | Washer                   | 31          | 42862              | 1           | Block-Terminal, Ground |
| 6           | 63-9750            | 4           | Mount                    | 32          | 42863              | 1           | Strip-Jumper           |
| 7           | 3231-2             | 6           | Bolt-CARR                | 33          | 321-3              | 1           | Screw-HH               |
| 8           | 3274-7             | 4           | Screw-HSH                | 34          | 107-1013           | 5           | Nut-Speed              |
| 9           | 105-2409           | 4           | Screw-HSH                | 35          | 108-9824           | 1           | Nut-Switch             |
| 10          | 104-7201           | 8           | Nut-HF, NI               | 36          | 122-3375           | 2           | Controller-Tec         |
| 11          | 99-3410            | 1           | Switch                   | 37          | 120-4127-0P        | 1           | Mount-Relay            |
| 12          | 136-7153           | 1           | Spring-Extension         | 38          | 114-5502           | 1           | Clip-Fuse              |
| 13          | 98-1459            | 1           | Decal                    | 39          | 609900             | 2           | Nut-Speed              |
| 14          | 132-6225-0P        | 1           | Support-Rear             | 40          | 98-1471            | 1           | Wheel-Steering         |
| 15          | 3256-27            | 1           | Washer-Flat              | 40:1        | 98-1468            | 1           | Cover-Wheel, Steering  |
| 16          | 132-6283           | 1           | Plate-Brake              | 41          | 104-8301           | 14          | Nut-HF, NI             |
| 17          | 132-6284           | 1           | Plate-Brake              | 42          | 3296-16            | 2           | Nut-Lock, NI           |
| 18          | 3296-33            | 1           | Nut-Lock, NI             | 43          | 117-5458           | 2           | Screw-HHF              |
| 19          | 37-8771            | 2           | Bolt-Shoulder, HF        | 44          | 104-8300           | 2           | Nut-HF, NI             |
| 20          | 132-6244           | 1           | Cover-Steering           | 45          | 1-807512           | 2           | Bolt-CARR              |
| 21          | 105-1217           | 1           | Decal                    | 46          | 3253-21            | 2           | Washer-Lock            |
| 22          | 132-6230           | 1           | Steering Tilt Column ASM | 47          | 323-6              | 2           | Screw-HH               |
| 23          | 107069             | 7           | Clip                     | 48          | 93-5429            | 1           | Collar-Foam            |
| 24          | 3234-4             | 6           | Screw-HHF                | 49          | 32105-13           | 2           | Screw-HWH              |
| 25          | 137-5548           | 1           | Link-Brake               | 50          | 163-2486           | 1           | Spacer, Steering-Mount |
| 26          | 3229-3             | 8           | Screw-CARR               |             |                    |             |                        |

# Steering Column Assembly No. 132-6230



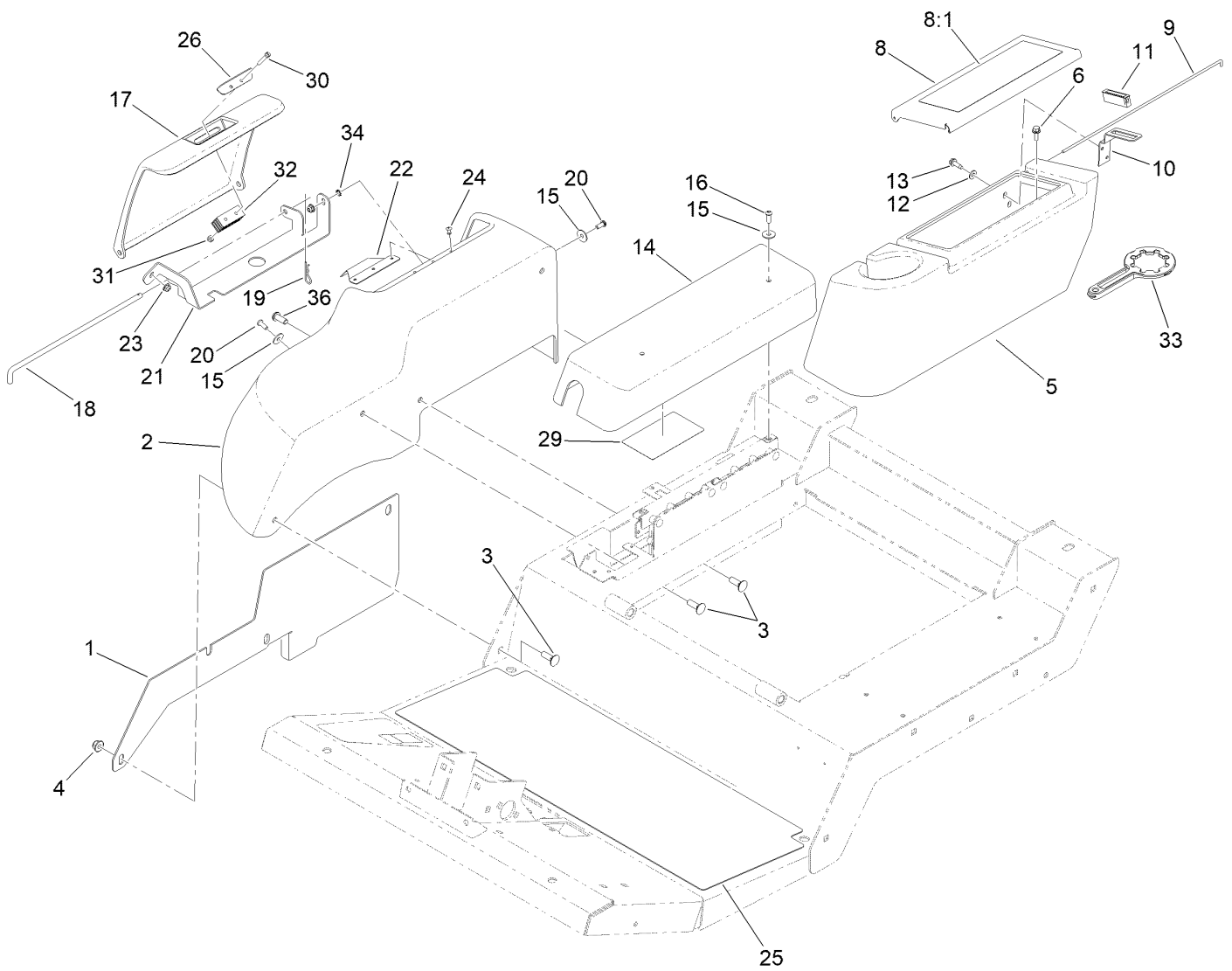
## Steering Column Assembly No. 132-6230 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 1           | 110-6462           | 1           | Bellows-Rubber       |
| 2           | 110-6463           | 1           | Cylinder Service Kit |
| 2:1         |                    | 1           | Cylinder-Gas ●       |
| 2:2         |                    | 1           | Block-Pedal ●        |
| 2:3         |                    | 2           | Bolt ●               |
| 2:4         |                    | 1           | Pin ●                |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|---------------------|
| 2:5         |                    | 2           | Washer-Lock ●       |
| 3           | 136-4385           | 1           | Pedal Service Kit   |
| 3:1         |                    | 1           | Pedal ●             |
| 3:2         |                    | 1           | Pin ●               |
| 3:3         |                    | 1           | Spring ●            |
| 4           | 120-6256           | 1           | Universal Joint Kit |

● Not serviced separately

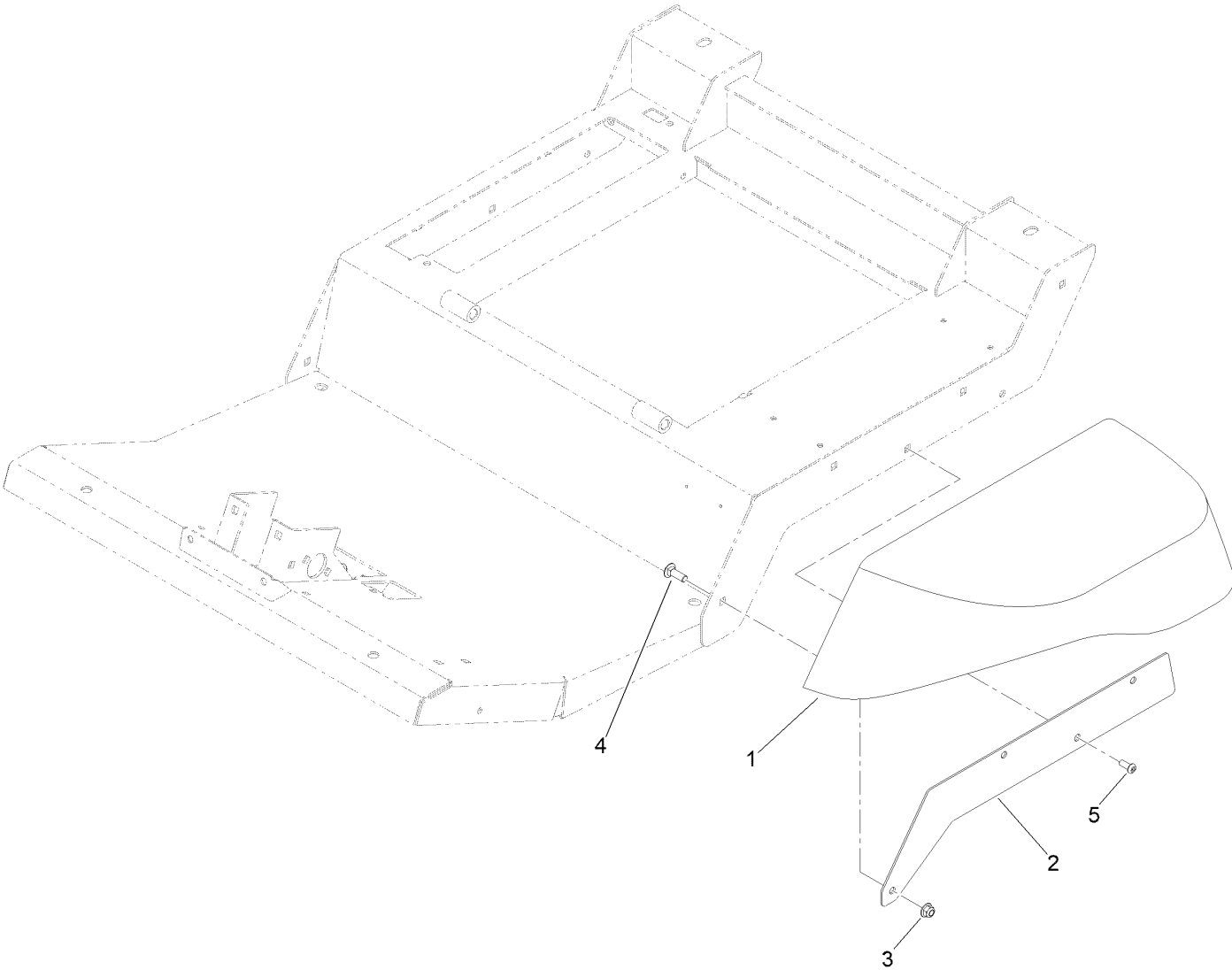
# Fender, Tool Box and Cover Assembly



## Fender, Tool Box and Cover Assembly (continued)

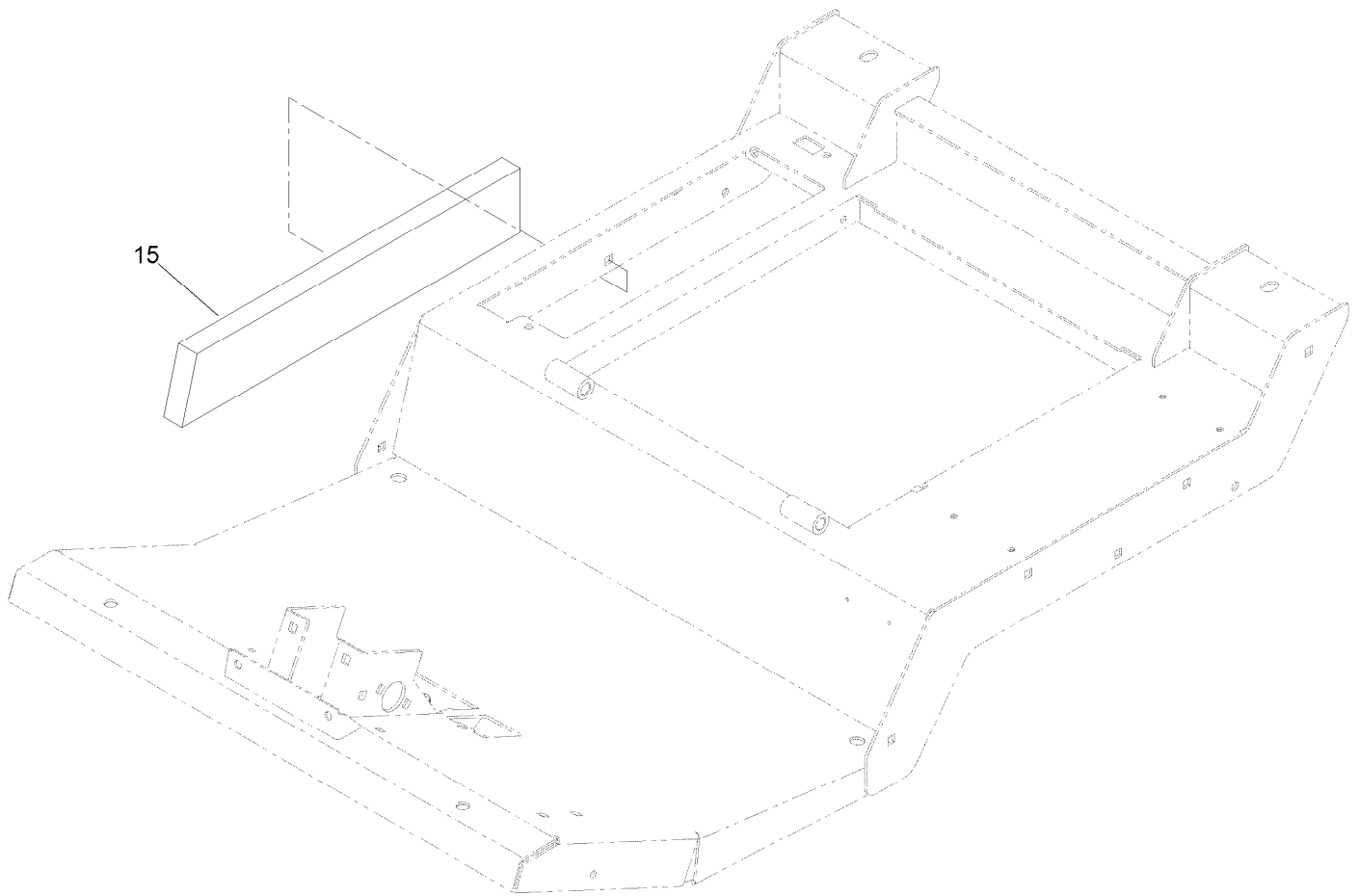
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|-------------------------|
| 1           | 145-8391-0P        | 1           | Plate-Fender, RH   | 18          | 121-1588           | 1           | Rod-Hinge               |
| 2           | 120-4113           | 1           | Fender-RH          | 19          | 3290-467           | 1           | Pin-Hair                |
| 3           | 3231-25            | 3           | Bolt-CARR          | 20          | 3274-31            | 2           | Screw-HSBH              |
| 4           | 104-8301           | 3           | Nut-HF, NI         | 21          | 121-1586-0P        | 1           | Mount-Cover             |
| 5           | 120-4125           | 1           | Housing-Tool Box   | 22          | 127-3706           | 1           | Plate-Cover             |
| 6           | 3234-4             | 4           | Screw-HHF          | 23          | 104-7201           | 2           | Nut-HF, NI              |
| 8           | 120-4124           | 1           | Tool Box Cover ASM | 24          | 3269-23            | 3           | Rivet-Pop               |
| 8:1         | 117-2766           | 1           | Decal-Warning, CE  | 25          | 132-6226           | 1           | Tread-Foot, Abrasive    |
| 9           | 120-4122           | 1           | Rod-Hinge          | 26          | 127-3705           | 1           | Plate-Cover             |
| 10          | 104-7545           | 1           | Bracket-Latch      | 29          | 163-2549           | 1           | Decal-Fuses             |
| 11          | 58-4250            | 1           | Catch-Magnetic     | 30          | 32105-1            | 2           | Screw-SHH               |
| 12          | 3256-22            | 2           | Washer-Flat        | 31          | 3296-2             | 2           | Nut-Lock, NI            |
| 13          | 32104-95           | 2           | Screw-HWH          | 32          | 69-6260            | 1           | Magnet                  |
| 14          | 120-4126           | 1           | Cover-Controllers  | 33          | 138-6367           | 1           | Wrench-Castor Cap/Latch |
| 15          | 87-6630            | 4           | Washer-Plain       | 34          | 3255-7             | 1           | Washer-Lock/EXT         |
| 16          | 3274-69            | 2           | Screw-HSBH         | 36          | 3274-94            | 1           | Screw-HSBH              |
| 17          | 120-4115           | 1           | Cover-Battery      |             |                    |             |                         |

# LH Fender Assembly



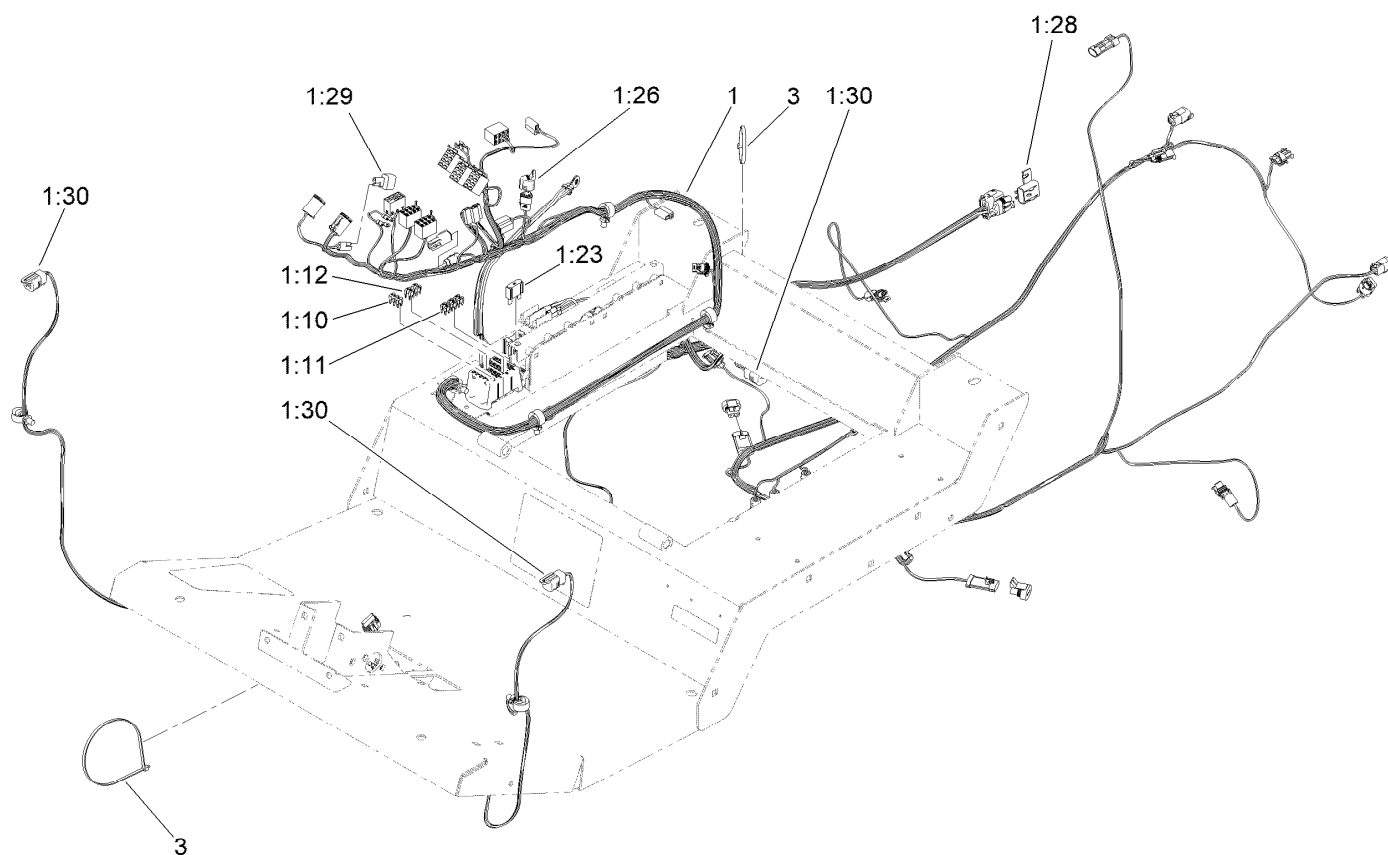
## LH Fender Assembly (continued)

| <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           | 120-4114           | 1           | Fender-LH          | 4           | 3231-25            | 3           | Bolt-CARR          |
| 2           | 121-1580-0P        | 1           | Plate-Fender, LH   | 5           | 3274-94            | 1           | Screw-HSBH         |
| 3           | 104-8301           | 3           | Nut-HF, NI         |             |                    |             |                    |



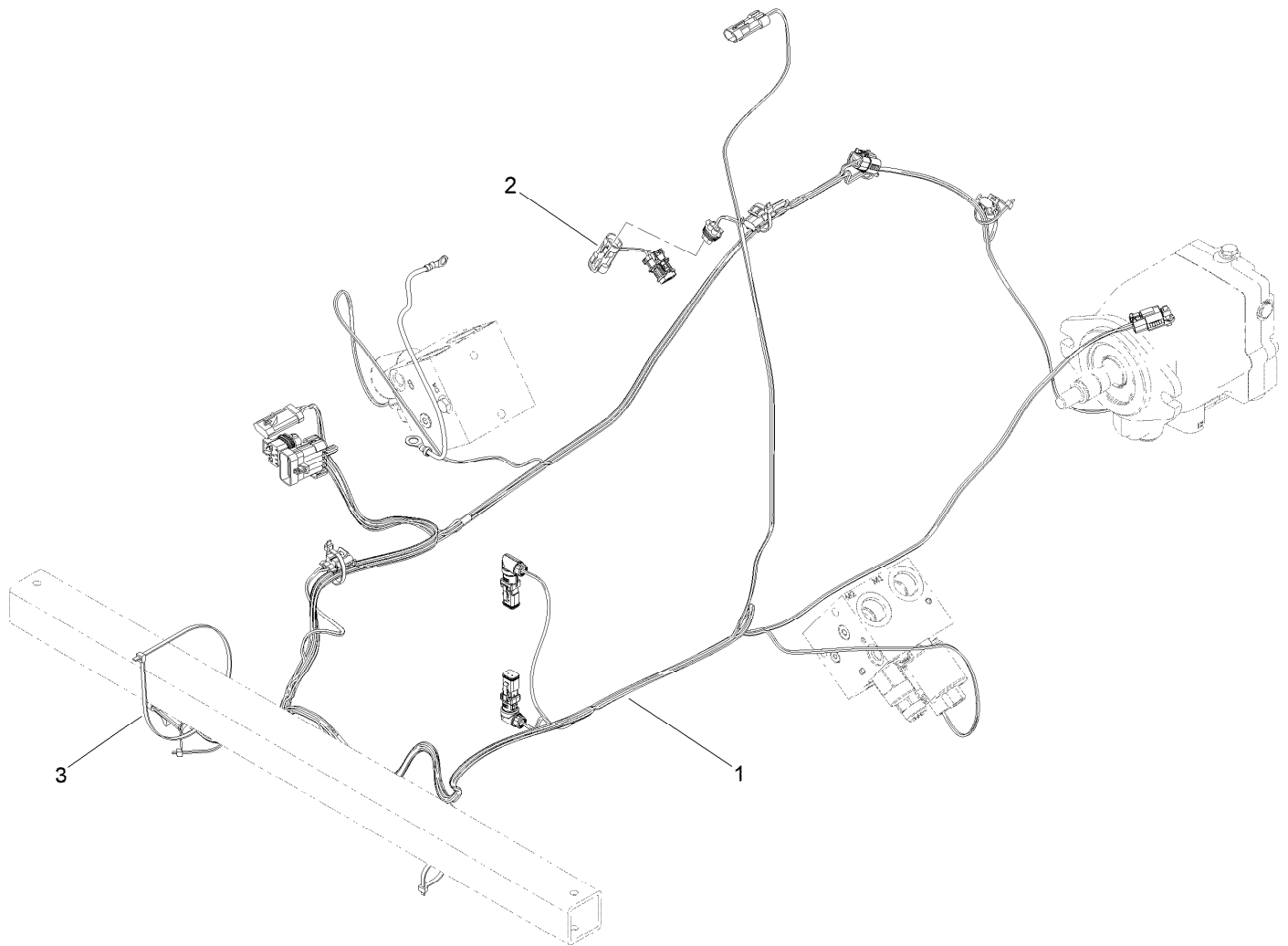
## Acoustic Foam Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 15          | 127-3708           | 1           | Foam-Right         |



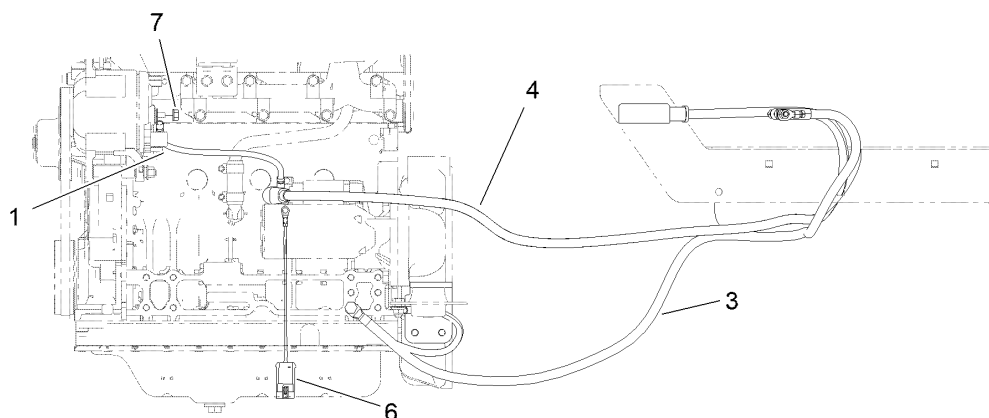
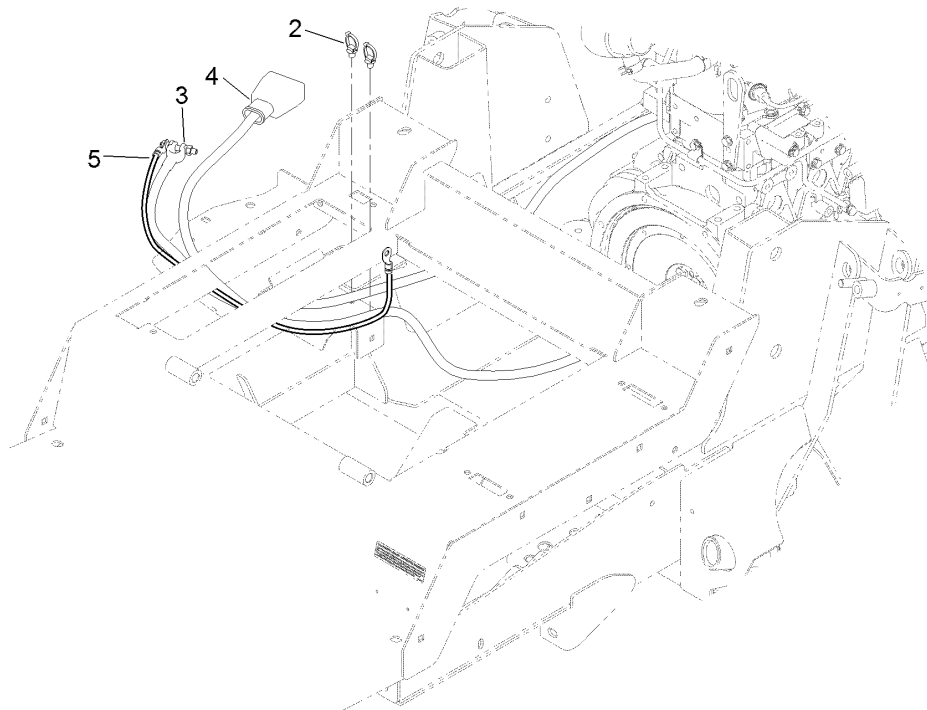
## Platform Wire Harness and Fuse Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 122-2181    | 1    | Harness-Wire, Platform   |
| 1:10 | 121-8861    | 4    | Fuse-Mini Blade, 2 Amp   |
| 1:11 | 121-8865    | 6    | Fuse-Mini Blade, 7.5 Amp |
| 1:12 | 121-8866    | 4    | Fuse-Mini Blade, 10 Amp  |
| 1:23 | 114-3342    | 1    | Fuse-Maxi, 60 Amp        |
| 1:26 | 32180-089   | 1    | Cap-Plug, 3 Way          |
| 1:28 | 32180-019   | 1    | Cover-Fuse, Single       |
| 1:29 | 104-4022    | 1    | Resistor-75 Ohm          |
| 1:30 | 32180-156   | 4    | Cap-Plug, 6 Way          |
| 3    | 3290-379    | 2    | Tie-Cable                |



## Rear Wire Harness Assembly

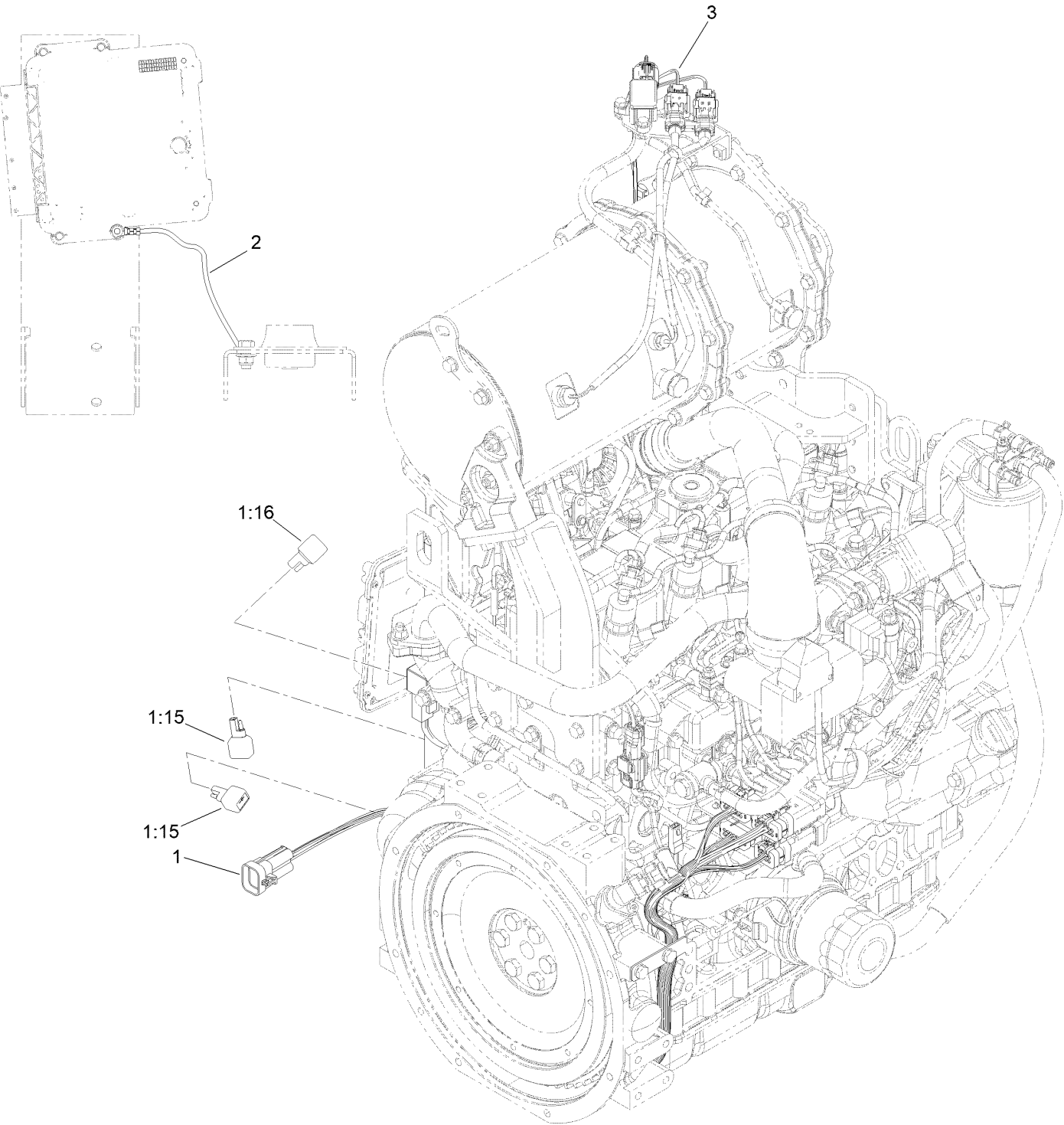
| Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|---------------------------------|
| 1    | 122-2182    | 1    | Harness-Wire, Rear              |
| 2    | 115-1931    | 1    | Harness-Wire, Fuel Pump Adapter |
| 3    | 3290-379    | 4    | Tie-Cable                       |



## Battery Cable and Ground Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 122-0071    | 1    | Cable-Battery, Positive    |
| 2    | 32180-030   | 2    | Clip-Tie                   |
| 3    | 121-8898    | 1    | Cable-Battery, Negative    |
| 4    | 121-8897    | 1    | Cable-Battery, Positive    |
| 5    | 54-3094     | 1    | Cable                      |
| 6    | 108-9470    | 1    | Harness-Wire, Fusible Link |
| 7    | 33004-00    | 2    | Nut-HF                     |

# Engine Harness Assembly

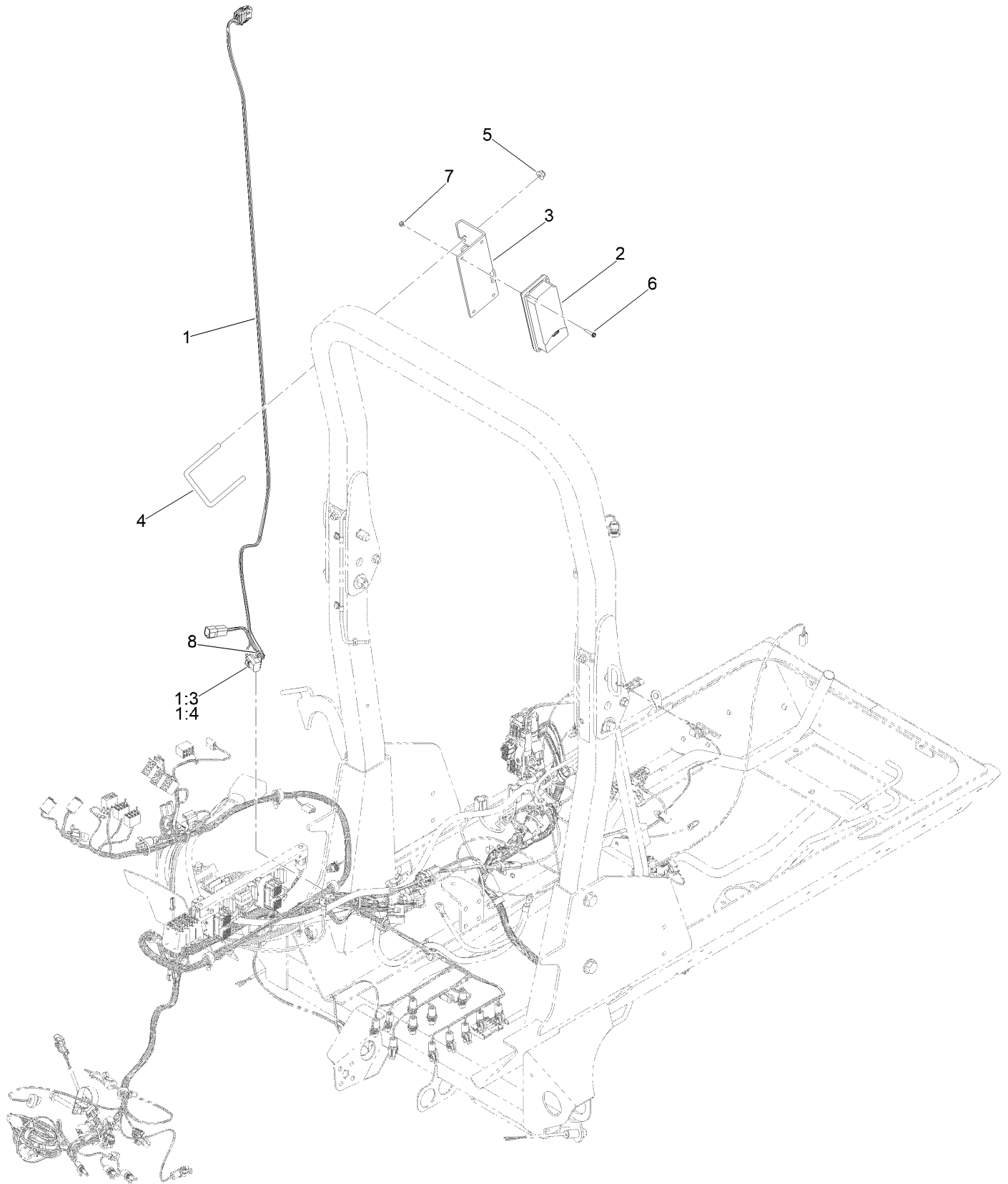


## Engine Harness Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      |
|-------------|--------------------|-------------|-------------------------|
| 1           | 122-2183           | 1           | Harness-Wire, Engine T4 |
| 1:15        | 100-4918           | 2           | Diode                   |
| 1:16        | 121-8891           | 1           | Resistor (1.6K Ohm)     |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>         |
|-------------|--------------------|-------------|----------------------------|
| 2           | 122-0057           | 1           | Harness-Wire, Ground       |
| 3           | 122-2191           | 1           | Harness-Wire, Dpf, 2 Clips |

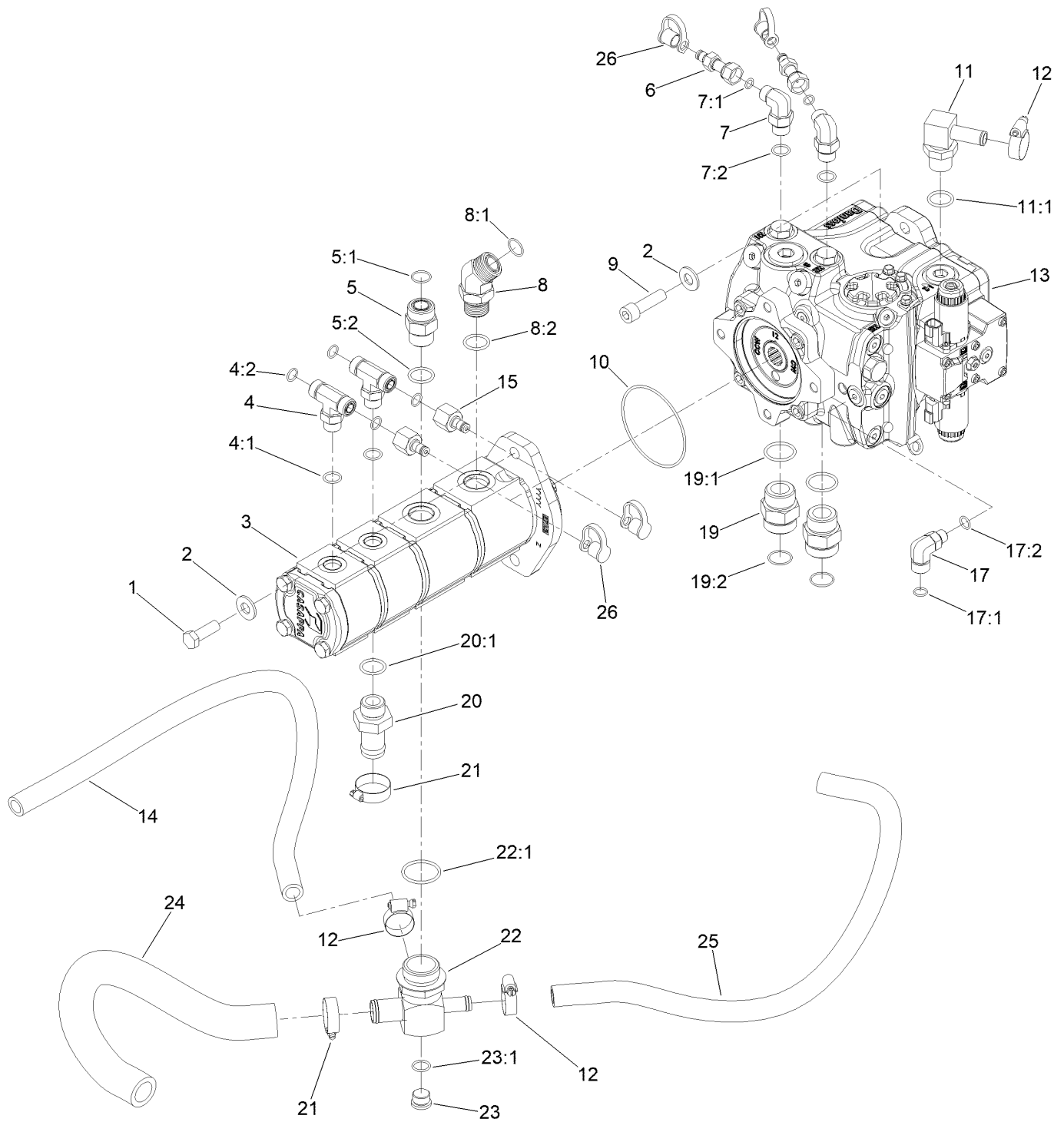
# Telematics Gateway Assembly



## Telematics Gateway 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           | 122-2163           | 1           | Harness-Wire           | 4           | 100-7067           | 1           | U-Bolt (4 Inch)    |
| 1:3         | 121-8861           | 1           | Fuse-Mini Blade, 2 Amp | 5           | 104-8301           | 2           | Nut-HF, NI         |
| 1:4         | 32180-101          | 1           | Cover-Fuse, Single     | 6           | 131-6456           | 4           | Screw-HWH          |
| 2           | 161-9001           | 1           | Gateway-Telematics     | 7           | 3296-2             | 4           | Nut-Lock, NI       |
| 3           | 163-2492-03        | 1           | Bracket-Mount, Hmu     | 8           | 3290-379           | 3           | Tie-Cable          |

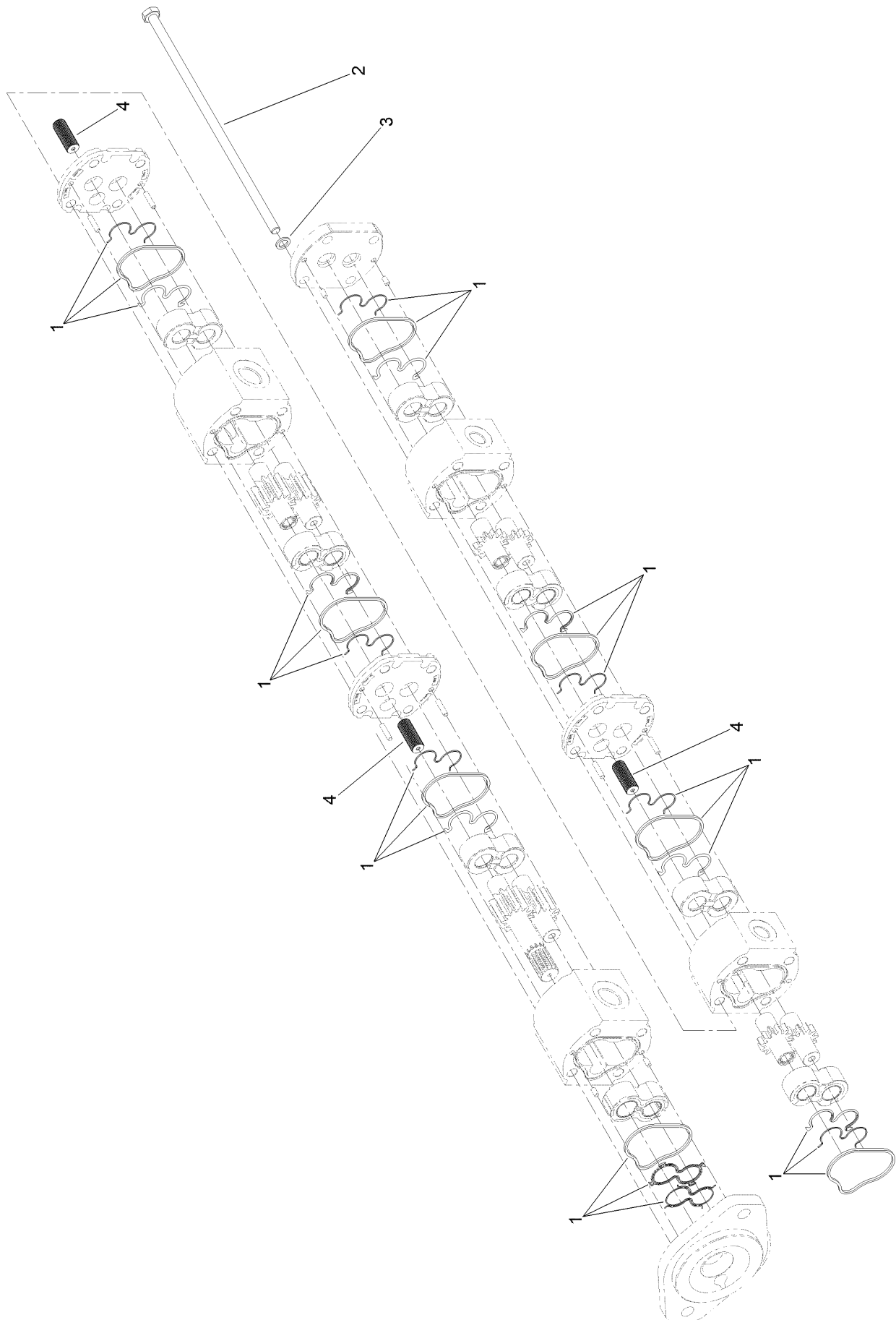
# Piston Pump and Gear Pump Assembly



## Piston Pump and Gear Pump 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           | 121-1525           | 2           | Screw-HH                | 12          | 2412-129           | 3           | Clamp-Hose          |
| 2           | 137-5550           | 4           | Washer-Thrust           | 13          | 132-6100           | 1           | Pump-Piston         |
| 3           | 120-8904           | 1           | 4-Section Gear Pump ASM | 14          | 121-1647           | 1           | Hose-HYD            |
| 4           | 340-157            | 2           | Fitting-HYD, Tee        | 15          | 100-5616           | 2           | Fitting             |
| 4:1         | 237-79             | 1           | O-Ring                  | 17          | 340-99             | 1           | Fitting-HYD, 90 DEG |
| 4:2         | 237-30             | 2           | O-Ring                  | 17:1        | 237-30             | 1           | O-Ring              |
| 5           | 340-9              | 1           | Fitting-STR             | 17:2        | 237-42             | 1           | O-Ring              |
| 5:1         | 237-58             | 1           | O-Ring                  | 19          | 104-3797           | 2           | Fitting-Straight    |
| 5:2         | 237-81             | 1           | O-Ring                  | 19:1        | 237-146            | 1           | O-Ring              |
| 6           | 86-5480            | 2           | Nipple-Test             | 19:2        | 340-65             | 1           | O-Ring              |
| 7           | 340-18             | 2           | Fitting-HYD, 90 DEG     | 20          | 99-3017            | 1           | Fitting             |
| 7:1         | 237-79             | 1           | O-Ring                  | 20:1        | 237-81             | 1           | O-Ring              |
| 7:2         | 237-22             | 1           | O-Ring                  | 21          | 2412-111           | 2           | Clamp-Hose, W/Liner |
| 8           | 100-5530           | 1           | Fitting-45 DEG          | 22          | 121-1682           | 1           | Fitting-Tee         |
| 8:1         | 237-58             | 1           | O-Ring                  | 22:1        | 237-101            | 1           | O-Ring              |
| 8:2         | 237-81             | 1           | O-Ring                  | 23          | 353-988            | 1           | Plug-Hex            |
| 9           | 131-0661           | 2           | Screw-HSH               | 23:1        | 237-79             | 1           | O-Ring              |
| 10          | 107-9447           | 1           | O-Ring                  | 24          | 120-8815           | 1           | Hose-Suction        |
| 11          | 136-4439           | 1           | Fitting-HYD, 90         | 25          | 120-9050           | 1           | Hose-HYD            |
| 11:1        | 237-81             | 1           | O-Ring                  | 26          | 354-79             | 4           | Cap-Dust            |

# 4-Section Gear Pump Assembly No. 120-8904

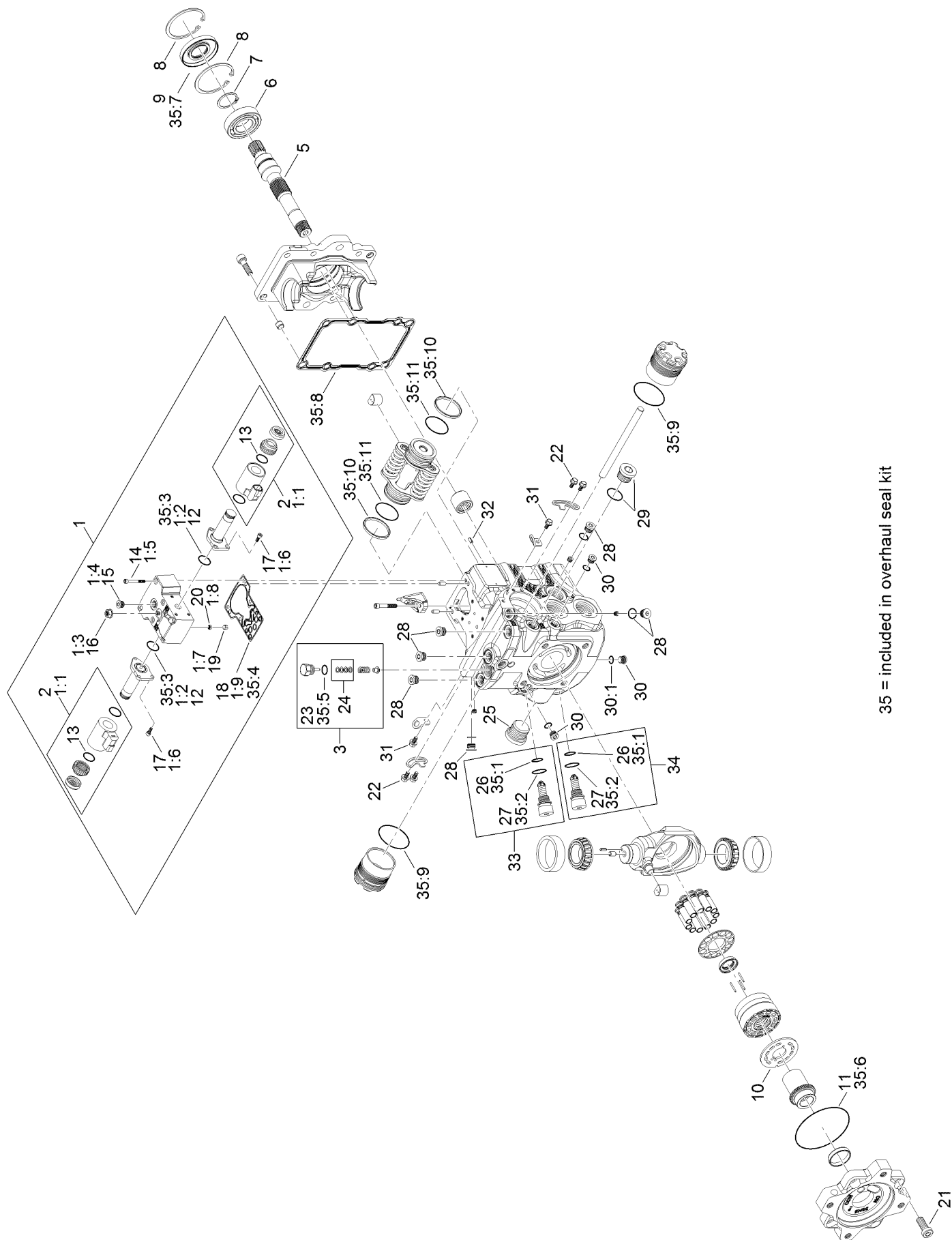


## 4-Section Gear Pump Assembly No. 120-8904 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 115-3776           | 1           | Seal Kit           |
| 2           | 121-1721           | 4           | Bolt               |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 3           | 121-1722           | 4           | Washer             |
| 4           | 120-6284           | 3           | Hub-Connecting     |

# Hydraulic Pump Assembly No. 132-6100



35 = included in overhaul seal kit

# Hydraulic Pump Assembly No. 132-6100 (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           | 132-6203           | 1           | Control Kit        | 21          | 125-5282           | 4           | Screw                       |
| 1:1         | 132-6204           | 2           | Coil Kit           | 22          | 125-5270           | 4           | Screw                       |
| 1:2         | 125-5288           | 2           | O-Ring             | 23          | 125-5298           | 1           | O-Ring                      |
| 1:3         | 125-5273           | 1           | Nut-Seal           | 24          | 92-1353            | 1           | Shim Kit                    |
| 1:4         | 125-5302           | 1           | Plug               | 25          | 125-5301           | 1           | Plug                        |
| 1:5         | 125-5274           | 6           | Screw              | 26          | 75-0240            | 2           | O-Ring                      |
| 1:6         | 125-5272           | 6           | Screw              | 27          | 84-0560            | 2           | O-Ring                      |
| 1:7         | 125-5269           | 1           | Ring-Locking       | 28          | 69-3080            | 6           | Plug                        |
| 1:8         | 125-5266           | 1           | Screen             | 29          | 69-3130            | 1           | Plug                        |
| 1:9         | 125-5283           | 1           | Gasket-Control     | 30          | 75-0170            | 3           | Plug-Thread, Straight       |
| 2           | 132-6204           | 2           | Coil Kit           | 30:1        | 92-8777            | 1           | O-Ring                      |
| 3           | 136-4397           | 1           | Charge Relief Kit  | 31          | 125-5270           | 2           | Screw                       |
| 5           | 136-4399           | 1           | Shaft              | 32          | 110-6485           | 1           | Pin-Slotted                 |
| 6           | 75-0460            | 1           | Bearing-Ball       | 33          | 136-4393           | 1           | Valve-Relief, High Pressure |
| 7           | 125-5280           | 1           | Ring-Retaining     | 34          | 136-4392           | 1           | Valve-Relief, High Pressure |
| 8           | 131-8616           | 2           | Ring-Retaining     | 35          | 132-6205           | 1           | Overhaul Seal Kit           |
| 9           | 127-6214           | 1           | Seal-Lip           | 35:1        | 75-0240            | 2           | O-Ring                      |
| 10          | 136-4398           | 1           | Valve Plate        | 35:2        | 84-0560            | 2           | O-Ring                      |
| 11          | 132-6206           | 1           | O-Ring             | 35:3        | 125-5288           | 2           | O-Ring                      |
| 12          | 125-5288           | 2           | O-Ring             | 35:4        | 125-5283           | 1           | Gasket-Control              |
| 13          | 131-7388           | 2           | O-Ring             | 35:5        | 125-5298           | 1           | O-Ring                      |
| 14          | 125-5274           | 6           | Screw              | 35:6        | 132-6206           | 1           | O-Ring                      |
| 15          | 125-5302           | 1           | Plug               | 35:7        | 127-6214           | 1           | Seal-Lip                    |
| 16          | 125-5273           | 1           | Nut-Seal           | 35:8        |                    | 1           | Gasket ●                    |
| 17          | 125-5272           | 6           | Screw              | 35:9        |                    | 2           | O-Ring ●                    |
| 18          | 125-5283           | 1           | Gasket-Control     | 35:10       |                    | 2           | Piston Ring ●               |
| 19          | 125-5269           | 1           | Ring-Locking       | 35:11       |                    | 2           | O-Ring ●                    |
| 20          | 125-5266           | 1           | Screen             |             |                    |             |                             |

● Not serviced separately

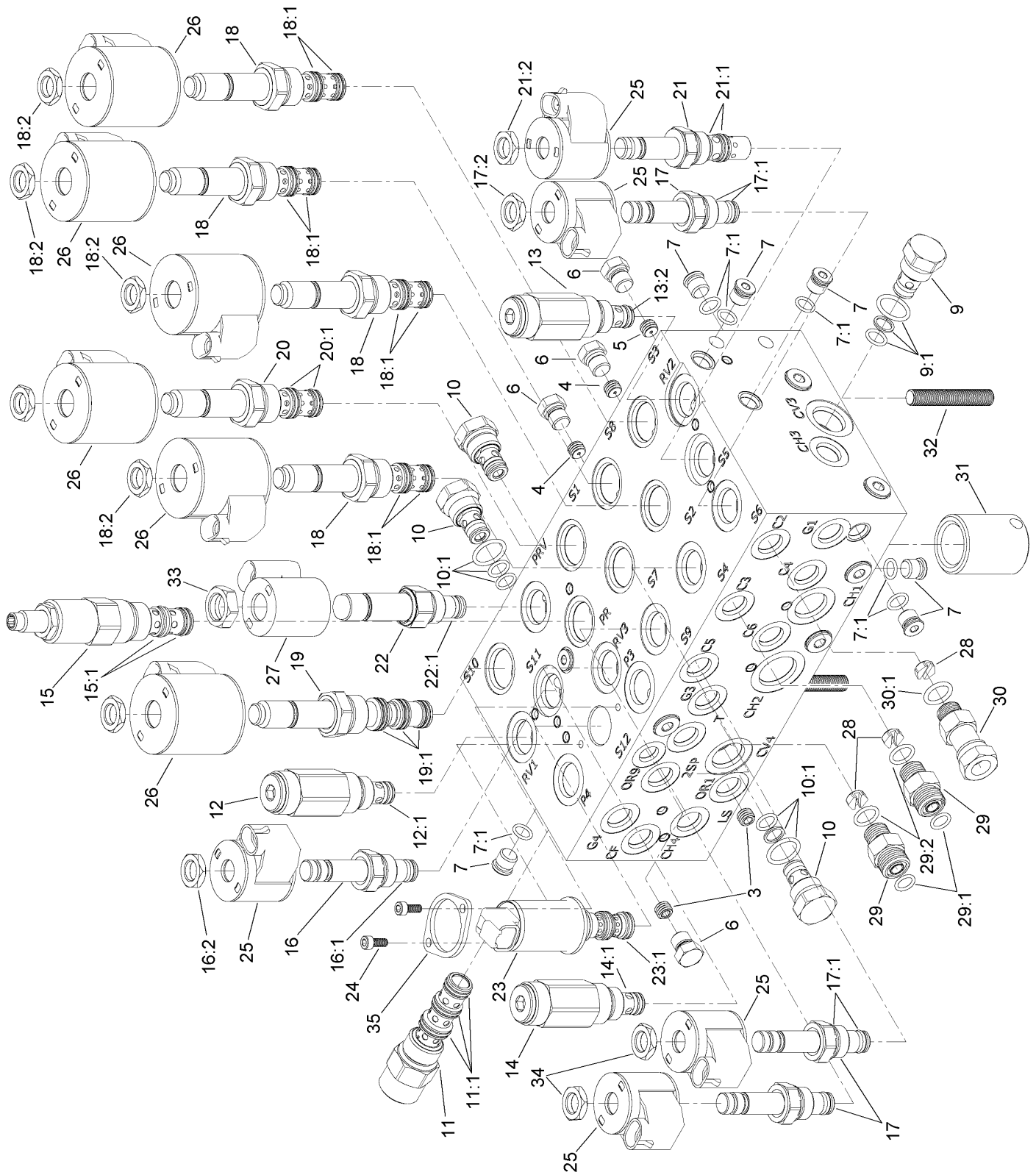
# Combination Manifold Assembly



## Combination 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           | 137-5582           | 1           | Manifold-Combination  | 16:2        | 237-80             | 1           | O-Ring                |
| 2           | 92-2650            | 3           | Spacer-Clutch         | 18          | 340-2              | 1           | Fitting-Straight      |
| 3           | 63-9750            | 3           | Mount                 | 18:1        | 237-22             | 1           | O-Ring                |
| 4           | 63-8410            | 3           | Washer                | 18:2        | 237-42             | 1           | O-Ring                |
| 6           | 75-1310            | 1           | Filter-HYD            | 19          | 340-82             | 1           | Fitting-Elbow, 90 DEG |
| 7           | 3234-1             | 3           | Screw-HHF             | 19:1        | 237-42             | 1           | O-Ring                |
| 8           | 121-1542           | 1           | Plate-Mount, Hose     | 19:2        | 237-21             | 1           | O-Ring                |
| 9           | 353-508            | 5           | Plug-HH               | 20          | 100-4887           | 1           | Fitting-Elbow, 90     |
| 9:1         | 237-42             | 1           | O-Ring                | 20:1        | 237-42             | 1           | O-Ring                |
| 10          | 2412-126           | 1           | R-Clamp               | 21          | 2412-36            | 2           | Clamp-Hose            |
| 11          | 104-8301           | 4           | Nut-HF, NI            | 22          | 119-4854           | 1           | Fitting-STR           |
| 12          | 340-4              | 4           | Fitting-Straight      | 22:1        | 237-30             | 1           | O-Ring                |
| 12:1        | 237-30             | 1           | O-Ring                | 22:2        | 237-79             | 1           | O-Ring                |
| 12:2        | 237-79             | 1           | O-Ring                | 23          | 353-512            | 1           | Plug                  |
| 13          | 340-77             | 2           | Fitting-Elbow, 90 DEG | 23:1        | 237-78             | 1           | O-Ring                |
| 13:1        | 237-22             | 1           | O-Ring                | 24          | 87-5730            | 1           | Hose                  |
| 13:2        | 237-42             | 1           | O-Ring                | 25          | 340-1              | 2           | Fitting-Straight      |
| 14          | 86-5480            | 1           | Nipple-Test           | 25:1        | 237-21             | 1           | O-Ring                |
| 15          | 354-79             | 1           | Cap-Dust              | 25:2        | 237-42             | 1           | O-Ring                |
| 16          | 340-7              | 1           | Fitting-Straight      |             |                    |             |                       |
| 16:1        | 237-65             | 1           | O-Ring                |             |                    |             |                       |

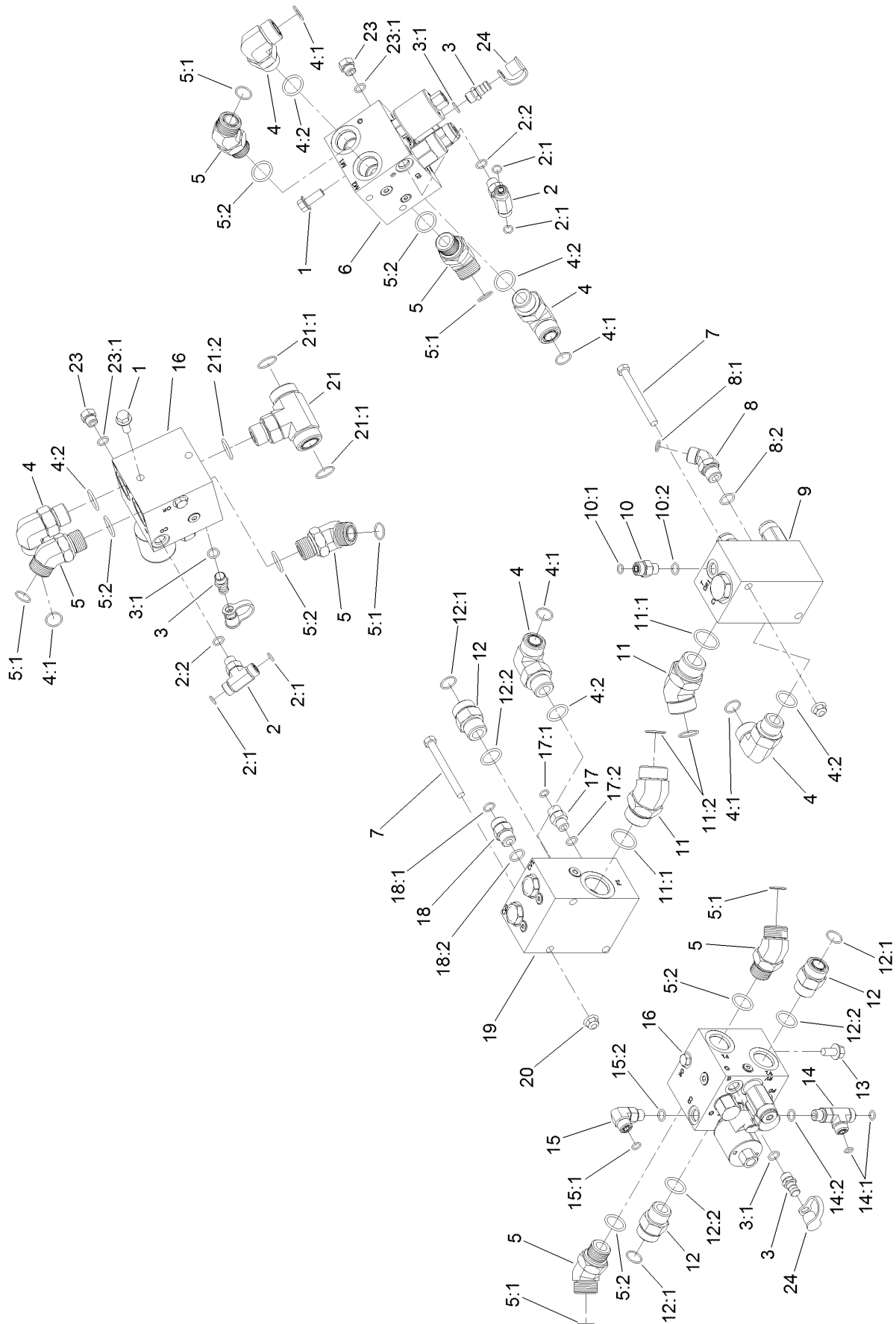
# Combination Manifold Assembly No. 137-5582



## Combination Manifold Assembly No. 137-5582 (continued)

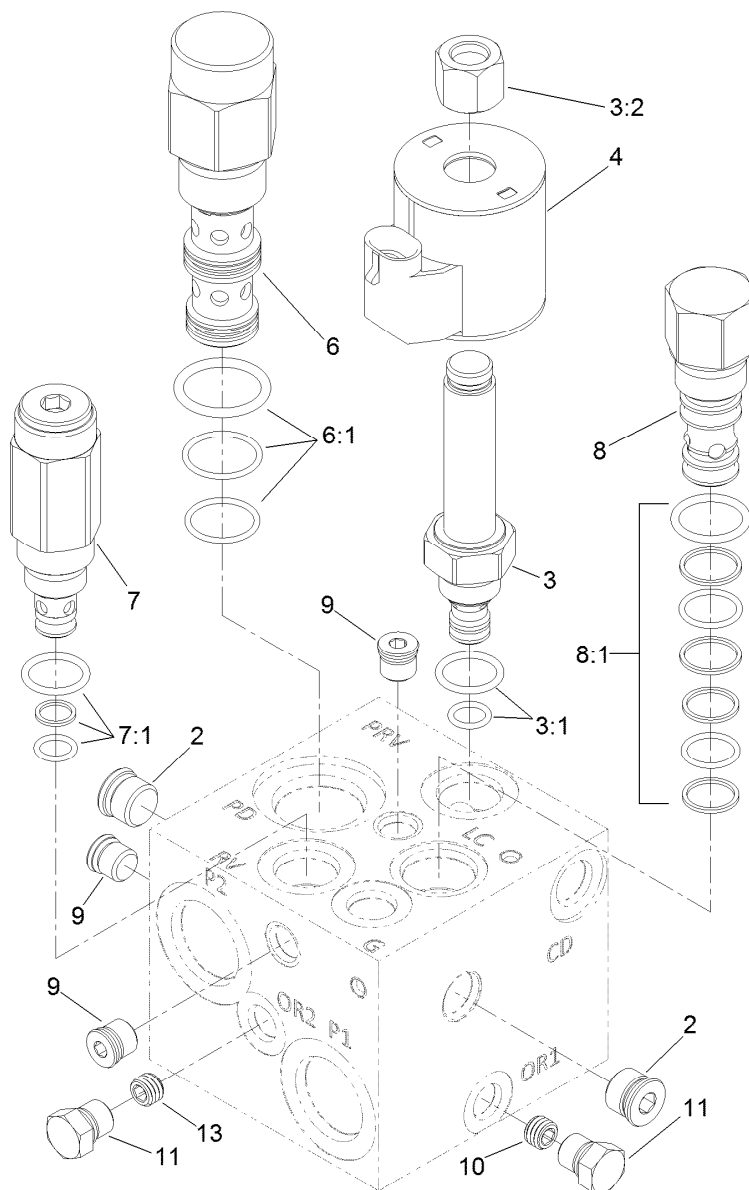
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>               |
|-------------|--------------------|-------------|-------------------------|-------------|--------------------|-------------|----------------------------------|
| 3           | 136-4363           | 2           | Orifice-0.028           | 19          | 115-3023           | 1           | Solenoid Valve ASM               |
| 4           | 112-6538           | 2           | Orifice (.063 Inch)     | 19:1        | 110-8908           | 1           | Spool Valve Seal Kit             |
| 5           | 110-8883           | 1           | Plug-Orifice (0.040)    | 20          | 125-7556           | 1           | Solenoid Valve ASM               |
| 6           | 117-0115           | 4           | Plug                    | 20:1        | 107-7813           | 1           | Seal Kit                         |
| 7           | 353-990            | 14          | Plug ASM                | 21          | 115-5405           | 1           | Solenoid Valve ASM               |
| 7:1         | 237-78             | 1           | O-Ring                  | 21:1        | 115-5413           | 1           | Seal Kit                         |
| 9           | 114-2873           | 1           | Check Valve ASM         | 21:2        | 110-2634           | 1           | Nut-Coil                         |
| 9:1         | 105-9156           | 1           | Seal Kit                | 22          | 125-7555           | 1           | Proportional Relief Valve ASM    |
| 10          | 105-9321           | 3           | Check Valve ASM         | 22:1        | 110-6316           | 1           | Seal Kit                         |
| 10:1        | 105-9156           | 1           | Seal Kit                | 23          | 138-3828           | 1           | Valve-Solenoid, 3 Way 2 Position |
| 11          | 139-7835           | 1           | Pressure Compensator    | 23:1        | 138-3831           | 1           | Seal Kit                         |
| 11:1        | 110-8908           | 1           | Spool Valve Seal Kit    | 24          | 138-3827           | 2           | Screw                            |
| 12          | 125-7560           | 1           | Relief Valve ASM        | 25          | 110-0497           | 5           | Coil-Solenoid                    |
| 12:1        | 105-9156           | 1           | Seal Kit                | 26          | 110-6344           | 6           | Coil-12V, DC                     |
| 13          | 105-9844           | 1           | Valve-Relief            | 27          | 125-7553           | 1           | E-Coil, 12Vdc                    |
| 13:2        | 105-9156           | 1           | Seal Kit                | 28          | 125-7552           | 3           | Orifice-Check, .070 DIA          |
| 14          | 125-7558           | 1           | Relief Valve ASM        | 29          | 340-2              | 2           | Fitting-Straight                 |
| 14:1        | 105-9156           | 1           | Seal Kit                | 29:1        | 237-22             | 1           | O-Ring                           |
| 15          | 127-3663           | 1           | Valve-Pressure Reducing | 29:2        | 237-42             | 1           | O-Ring                           |
| 15:1        | 105-9154           | 1           | Seal Kit                | 30          | 104-3779           | 1           | Connector-Swivel, Straight       |
| 16          | 107-7516           | 1           | Solenoid Valve ASM      | 30:1        | 237-42             | 1           | O-Ring                           |
| 16:1        | 105-9156           | 1           | Seal Kit                | 31          | 125-7551           | 1           | Nipple-Filter                    |
| 16:2        | 110-2634           | 1           | Nut-Coil                | 32          | 130-2661           | 3           | Stud-Manifold                    |
| 17          | 112-9206           | 3           | Solenoid Valve ASM      | 33          | 125-7550           | 1           | Nut-Coil                         |
| 17:1        | 105-9156           | 1           | Seal Kit                | 34          | 110-2634           | 11          | Nut-Coil                         |
| 17:2        | 110-2634           | 1           | Nut-Coil                | 35          | 138-3825           | 1           | Plate-Mounting, Standard         |
| 18          | 115-5400           | 4           | Solenoid Valve ASM      |             |                    |             |                                  |
| 18:1        | 107-7813           | 1           | Seal Kit                |             |                    |             |                                  |
| 18:2        | 110-2634           | 1           | Nut-Coil                |             |                    |             |                                  |

# Manifold Block Assembly



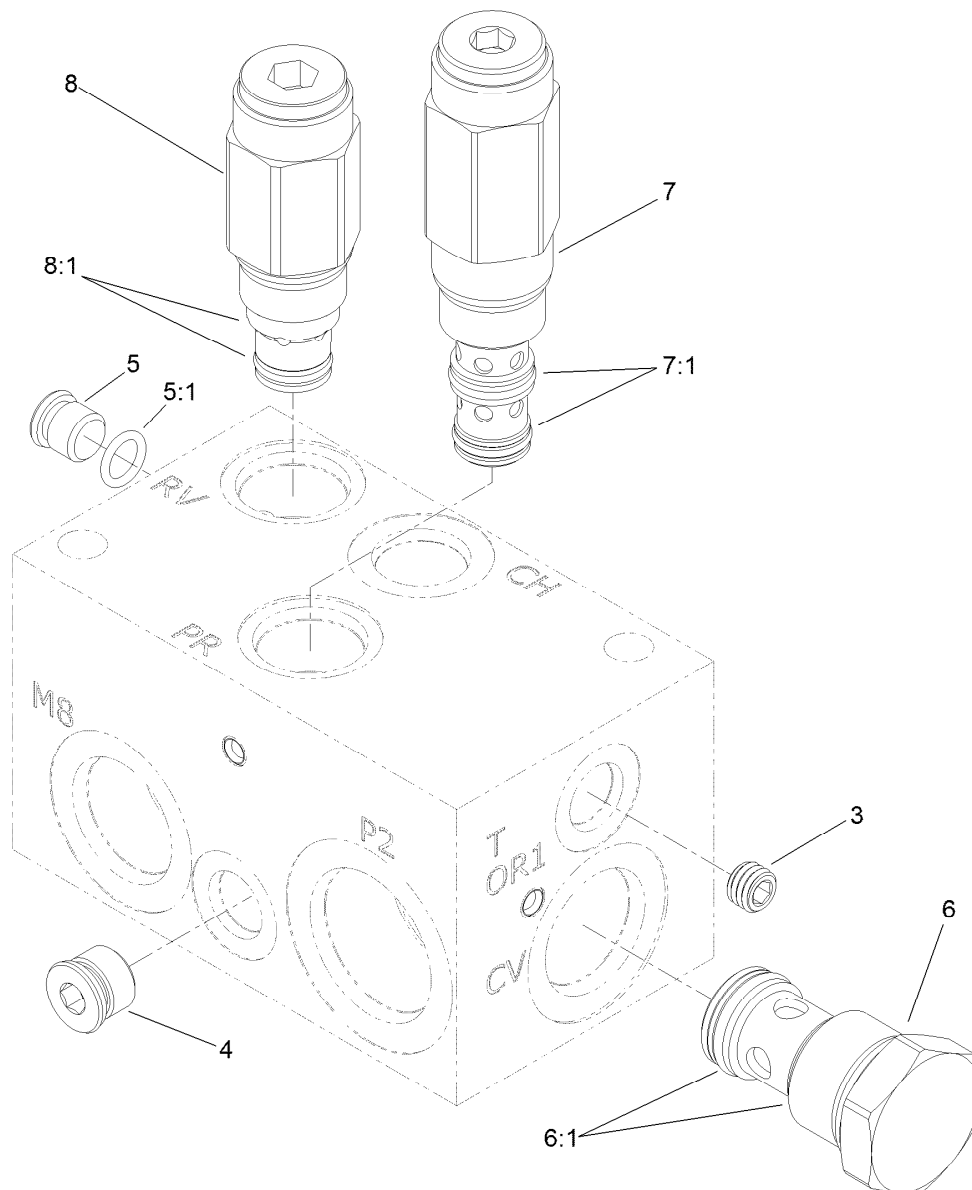
## Manifold Block Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>                   |
|-------------|--------------------|-------------|-------------------------|-------------|--------------------|-------------|--------------------------------------|
| 1           | 3234-11            | 4           | Screw-HHF               | 12:1        | 237-58             | 1           | O-Ring                               |
| 2           | 340-94             | 2           | Adapter                 | 12:2        | 237-81             | 1           | O-Ring                               |
| 2:1         | 237-22             | 2           | O-Ring                  | 13          | 3234-1             | 2           | Screw-HHF                            |
| 2:2         | 237-42             | 1           | O-Ring                  | 14          | 340-86             | 1           | Fitting-Tee                          |
| 3           | 59-7410            | 3           | Fitting-Diagnostic      | 14:1        | 237-22             | 2           | O-Ring                               |
| 3:1         | 237-42             | 1           | O-Ring                  | 14:2        | 237-42             | 1           | O-Ring                               |
| 4           | 340-142            | 5           | Fitting-Elbow, 90 DEG   | 15          | 340-77             | 1           | Fitting-Elbow, 90 DEG                |
| 4:1         | 237-58             | 1           | O-Ring                  | 15:1        | 237-22             | 1           | O-Ring                               |
| 4:2         | 237-81             | 1           | O-Ring                  | 15:2        | 237-42             | 1           | O-Ring                               |
| 5           | 100-5530           | 6           | Fitting-45 DEG          | 16          | 131-1248           | 2           | Center And Right PTO<br>Manifold ASM |
| 5:1         | 237-58             | 1           | O-Ring                  | 17          | 92-9258            | 1           | Adapter-Check                        |
| 5:2         | 237-81             | 1           | O-Ring                  | 17:1        | 237-22             | 1           | O-Ring                               |
| 6           | 131-1249           | 1           | Manifold-PTO, Left      | 17:2        | 237-42             | 1           | O-Ring                               |
| 7           | 323-42             | 4           | Screw-HH                | 18          | 100-4890           | 1           | Fitting-Check                        |
| 8           | 340-101            | 1           | Fitting-HYD, 45 DEG     | 18:1        | 237-79             | 1           | O-Ring                               |
| 8:1         | 237-30             | 1           | O-Ring                  | 18:2        | 237-30             | 1           | O-Ring                               |
| 8:2         | 237-79             | 1           | O-Ring                  | 19          | 121-1550           | 1           | Flow Divider Manifold ASM            |
| 9           | 121-1530           | 1           | Manifold-Traction, Rear | 20          | 104-8301           | 4           | Nut-HF, NI                           |
| 10          | 340-2              | 1           | Fitting-Straight        | 21          | 120-8825           | 1           | Fitting-Tee                          |
| 10:1        | 237-22             | 1           | O-Ring                  | 21:1        | 340-65             | 2           | O-Ring                               |
| 10:2        | 237-42             | 1           | O-Ring                  | 21:2        | 237-81             | 1           | O-Ring                               |
| 11          | 104-3509           | 2           | Fitting-HYD, 45 DEG     | 23          | 353-508            | 2           | Plug-HH                              |
| 11:1        | 237-146            | 1           | O-Ring                  | 23:1        | 237-42             | 1           | O-Ring                               |
| 11:2        | 340-65             | 1           | O-Ring                  | 24          | 354-79             | 3           | Cap-Dust                             |
| 12          | 340-9              | 3           | Fitting-STR             |             |                    |             |                                      |



## Left PTO Manifold Assembly No. 131-1249

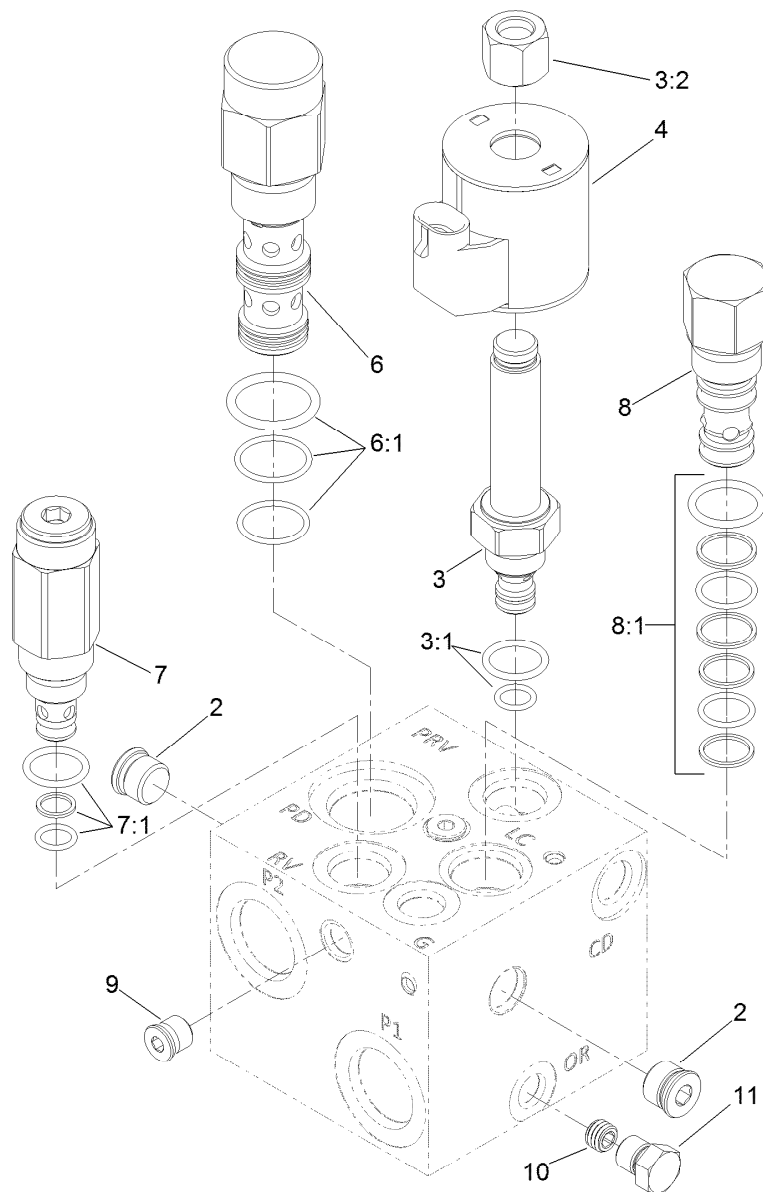
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 2    | 112-9213    | 2    | Plug                       |
| 3    | 117-0227    | 1    | Valve-Relief, Proportional |
| 3:1  | 105-9156    | 1    | Seal Kit                   |
| 3:2  | 130-8180    | 1    | Nut-Coil (9/16-24 Unef-2B) |
| 4    | 110-6344    | 1    | Coil-12V, DC               |
| 6    | 125-4327    | 1    | Valve-Directional, Pilot   |
| 6:1  | 114-5515    | 1    | Seal Kit                   |
| 7    | 114-5512    | 1    | Valve-Relief, 600 PSI      |
| 7:1  | 105-9156    | 1    | Seal Kit                   |
| 8    | 105-9153    | 1    | Element-Logic, Vented      |
| 8:1  | 119-2159    | 1    | Seal Kit                   |
| 9    | 112-9212    | 3    | Plug                       |
| 10   | 117-8315    | 1    | Orifice (.025 Inch)        |
| 11   | 117-0115    | 2    | Plug                       |
| 13   | 112-6538    | 1    | Orifice (.063 Inch)        |



## Rear Traction Manifold Assembly No. 121-1530

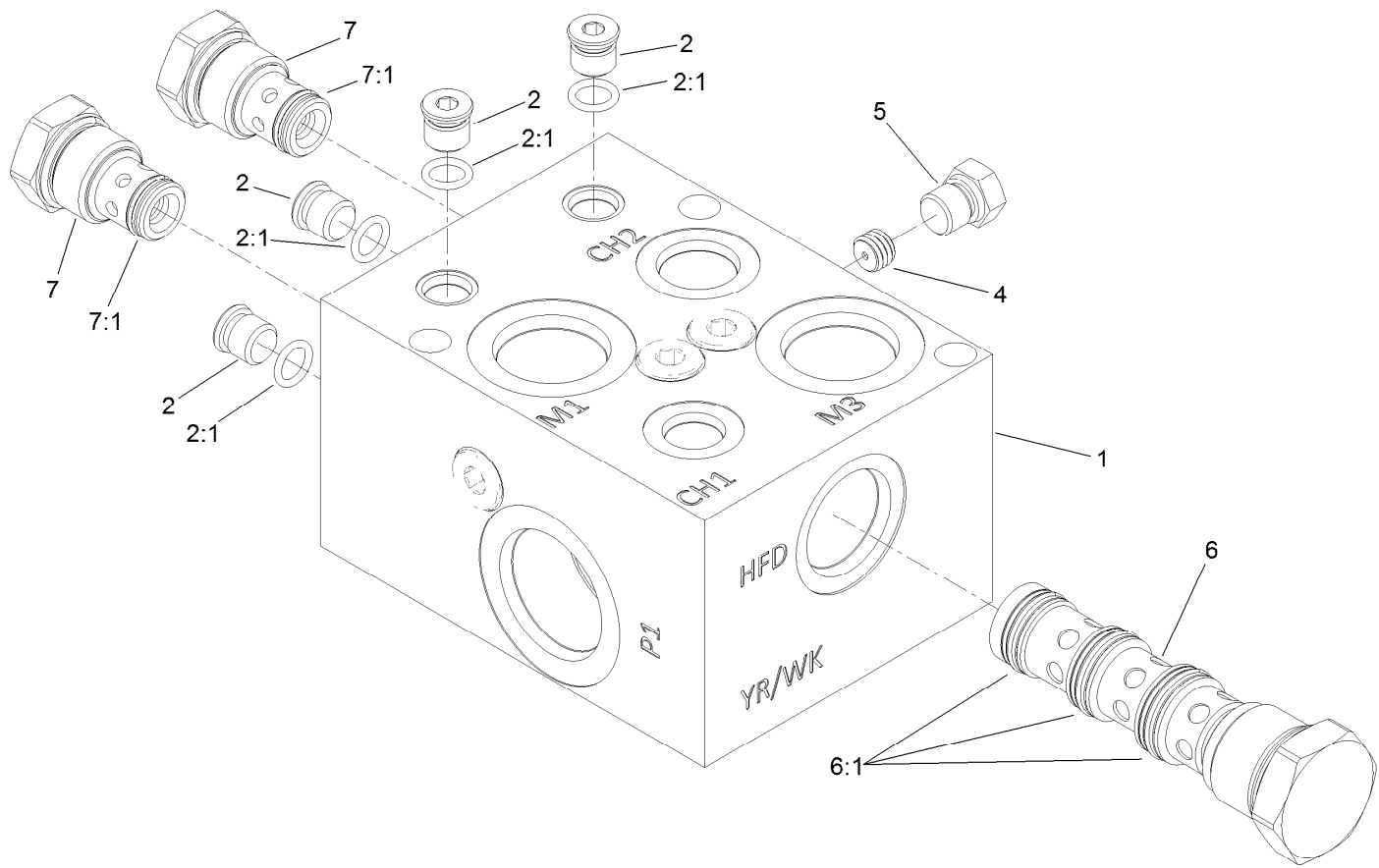
| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 3    | 110-0495    | 1    | Plug-Orifice (0.050 Inch) |
| 4    |             | 1    | Plug ●                    |
| 5    | 353-990     | 1    | Plug ASM                  |
| 5:1  | 237-78      | 1    | O-Ring                    |
| 6    | 125-4328    | 1    | Valve-Check               |
| 6:1  | 125-4336    | 1    | Seal Kit                  |
| 7    | 136-4362    | 1    | Valve-Reducing            |
| 7:1  | 136-4361    | 1    | Seal Kit                  |
| 8    | 125-4331    | 1    | Valve-Relief              |
| 8:1  | 110-6316    | 1    | Seal Kit                  |

● Not serviced separately



## Center and Right PTO Manifold Assembly No. 131-1248

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 2    | 112-9213    | 2    | Plug                       |
| 3    | 117-0227    | 1    | Valve-Relief, Proportional |
| 3:1  | 105-9156    | 1    | Seal Kit                   |
| 3:2  | 130-8180    | 1    | Nut-Coil (9/16-24 Unef-2B) |
| 4    | 110-6344    | 1    | Coil-12V, DC               |
| 6    | 125-4327    | 1    | Valve-Directional, Pilot   |
| 6:1  | 114-5515    | 1    | Seal Kit                   |
| 7    | 114-5512    | 1    | Valve-Relief, 600 PSI      |
| 7:1  | 105-9156    | 1    | Seal Kit                   |
| 8    | 105-9153    | 1    | Element-Logic, Vented      |
| 8:1  | 119-2159    | 1    | Seal Kit                   |
| 9    | 112-9212    | 3    | Plug                       |
| 10   | 117-8315    | 1    | Orifice (.025 Inch)        |
| 11   | 117-0115    | 1    | Plug                       |

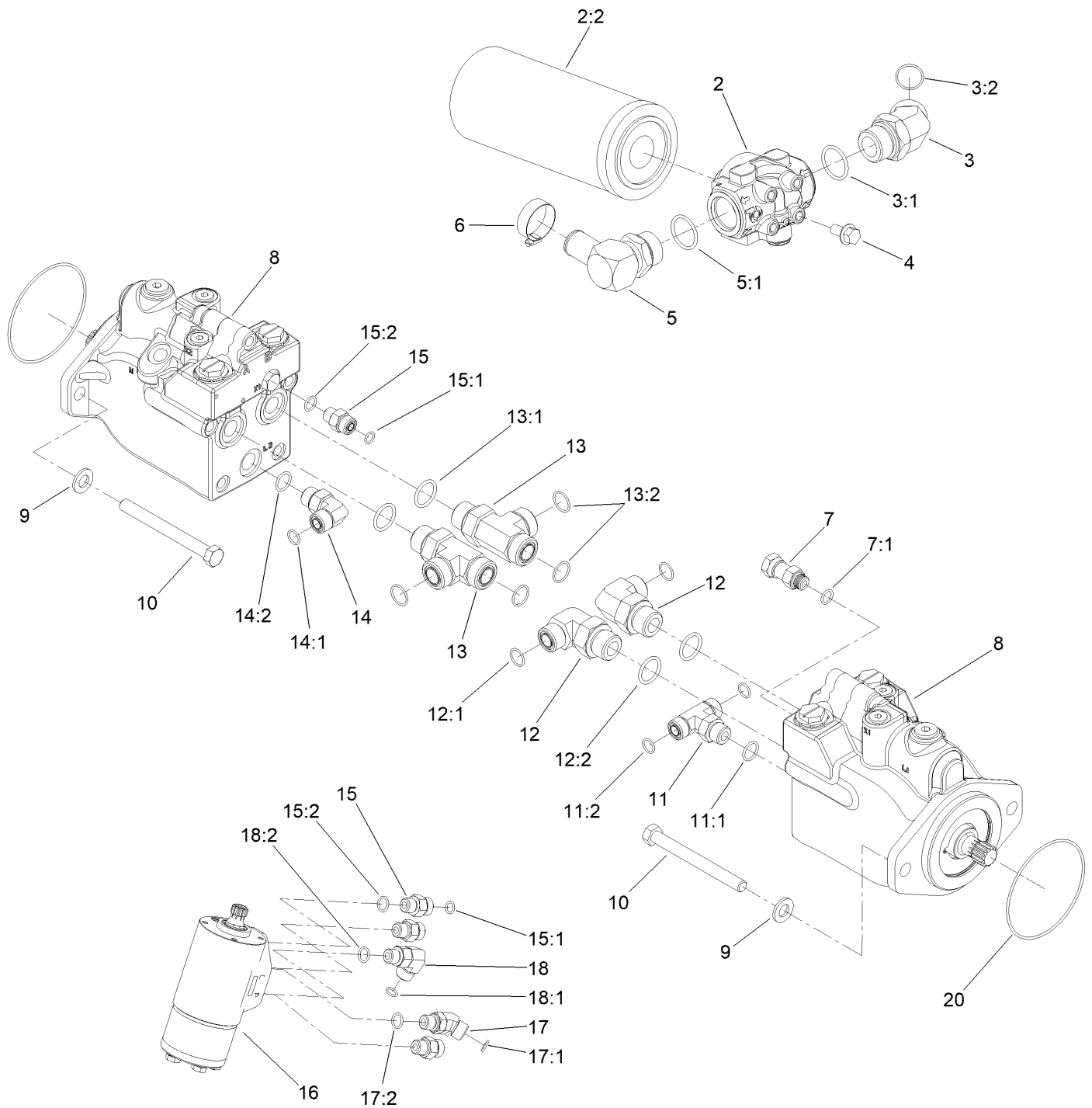


## Flow Divider Manifold Assembly No. 121-1550

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    |             | 1    | Manifold Block ●    |
| 2    | 353-990     | 4    | Plug ASM            |
| 2:1  | 237-78      | 1    | O-Ring              |
| 4    | 112-6538    | 1    | Orifice (.063 Inch) |
| 5    | 117-0115    | 1    | Plug                |
| 6    | 125-4332    | 1    | Valve-Flow Divider  |
| 6:1  | 125-4338    | 1    | Seal Kit            |
| 7    | 125-4333    | 2    | Valve-Check         |
| 7:1  | 125-4337    | 1    | Seal Kit            |

● Not serviced separately

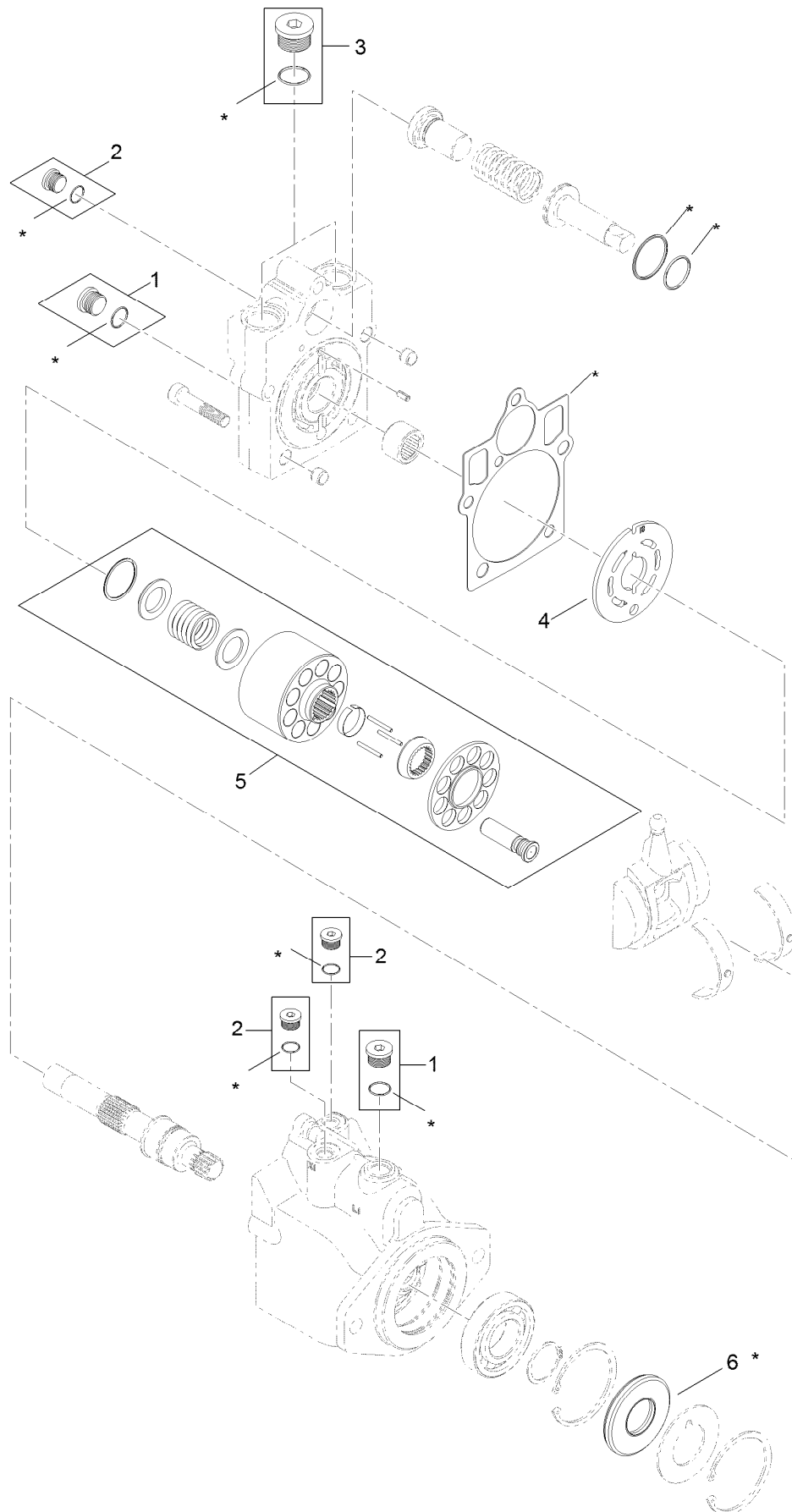
# Drive Motor, Steer Valve and Filter Head Assembly



## Drive Motor, Steer Valve and Filter Head 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>    |
|-------------|--------------------|-------------|----------------------------|-------------|--------------------|-------------|-----------------------|
| 2           | 139-1010           | 1           | Filter Head ASM            | 12:2        | 237-65             | 1           | O-Ring                |
| 2:2         | 94-2621            | 1           | Element-Filter             | 13          | 340-148            | 2           | Fitting-Tee           |
| 3           | 104-3509           | 1           | Fitting-HYD, 45 DEG        | 13:1        | 237-81             | 1           | O-Ring                |
| 3:1         | 237-146            | 1           | O-Ring                     | 13:2        | 237-58             | 2           | O-Ring                |
| 3:2         | 340-65             | 1           | O-Ring                     | 14          | 340-98             | 1           | Fitting-Elbow, 90 DEG |
| 4           | 3234-1             | 4           | Screw-HHF                  | 14:1        | 237-79             | 1           | O-Ring                |
| 5           | 23-8910            | 1           | Stem-Barb-90               | 14:2        | 237-30             | 1           | O-Ring                |
| 5:1         | 237-146            | 1           | O-Ring                     | 15          | 340-2              | 4           | Fitting-Straight      |
| 6           | 2412-111           | 1           | Clamp-Hose, W/Liner        | 15:1        | 237-22             | 1           | O-Ring                |
| 7           | 104-3779           | 1           | Connector-Swivel, Straight | 15:2        | 237-42             | 1           | O-Ring                |
| 7:1         | 237-42             | 1           | O-Ring                     | 16          | 132-6256           | 1           | Valve-Steer           |
| 8           | 120-8812           | 2           | HYD Motor ASM              | 17          | 340-87             | 1           | Fitting-Elbow, 45 DEG |
| 9           | 106-9888           | 4           | Washer-Flat                | 17:1        | 237-22             | 1           | O-Ring                |
| 10          | 33116-110          | 4           | Screw-HH                   | 17:2        | 237-42             | 1           | O-Ring                |
| 11          | 340-157            | 1           | Fitting-HYD, Tee           | 18          | 340-77             | 1           | Fitting-Elbow, 90 DEG |
| 11:1        | 237-79             | 1           | O-Ring                     | 18:1        | 237-22             | 1           | O-Ring                |
| 11:2        | 237-30             | 2           | O-Ring                     | 18:2        | 237-42             | 1           | O-Ring                |
| 12          | 340-139            | 2           | Fitting-Elbow 90           | 20          | 237-166            | 2           | O-Ring                |
| 12:1        | 237-81             | 1           | O-Ring                     |             |                    |             |                       |

# Hydraulic Motor Assembly No. 120-8812



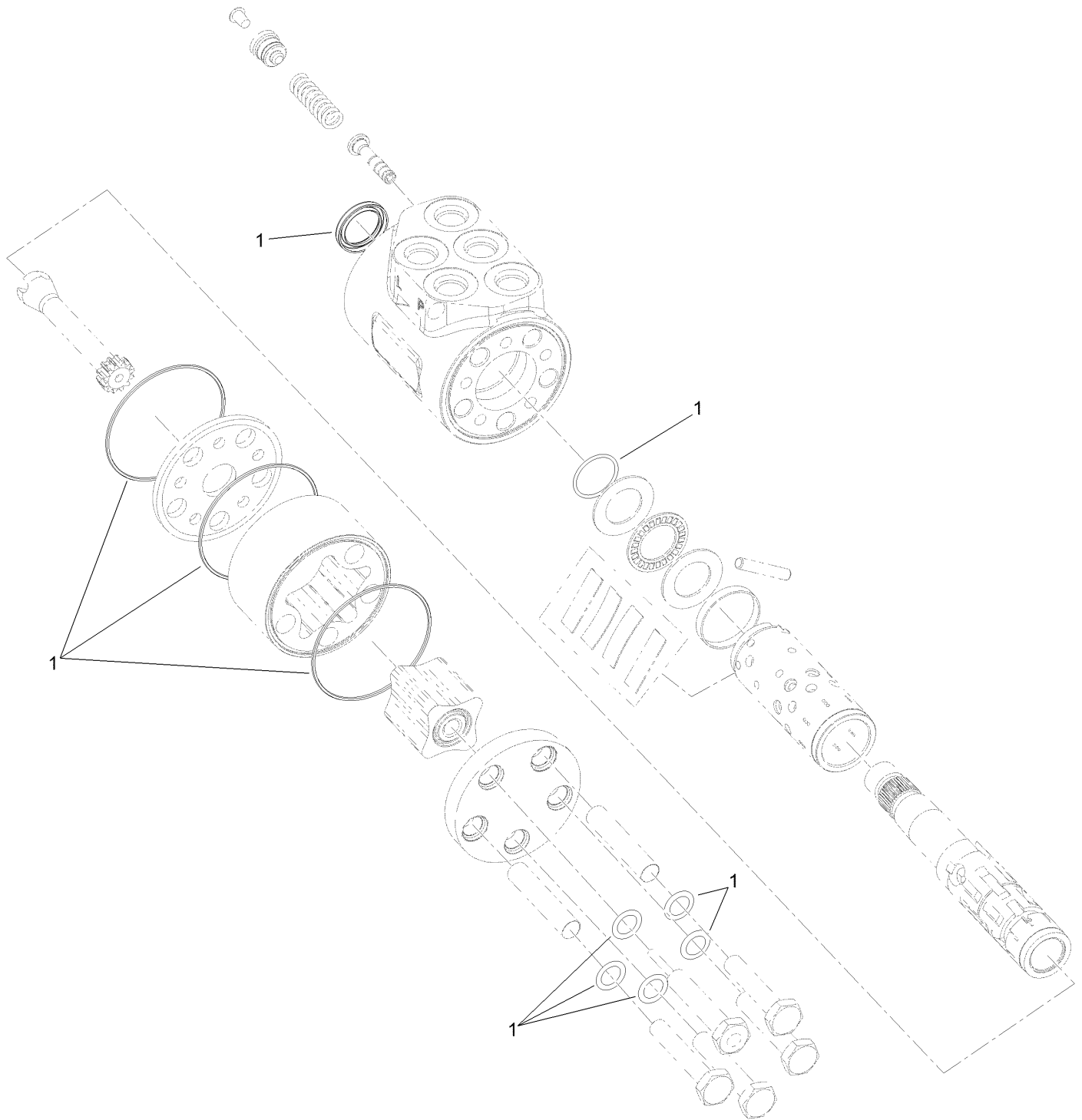
7 = all items with \* are included in overhaul seal kit

## Hydraulic Motor Assembly No. 120-8812 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 67-9090            | 2           | Plug               |
| 2           | 75-0070            | 3           | Plug               |
| 3           | 107-4352           | 1           | Plug               |
| 4           | 121-1734           | 1           | Plate-Valve        |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 5           | 121-1735           | 1           | Cylinder Block Kit |
| 6           | 69-3190            | 1           | Seal-Lip           |
| 7           | 121-1736           | 1           | Overhaul Seal Kit  |

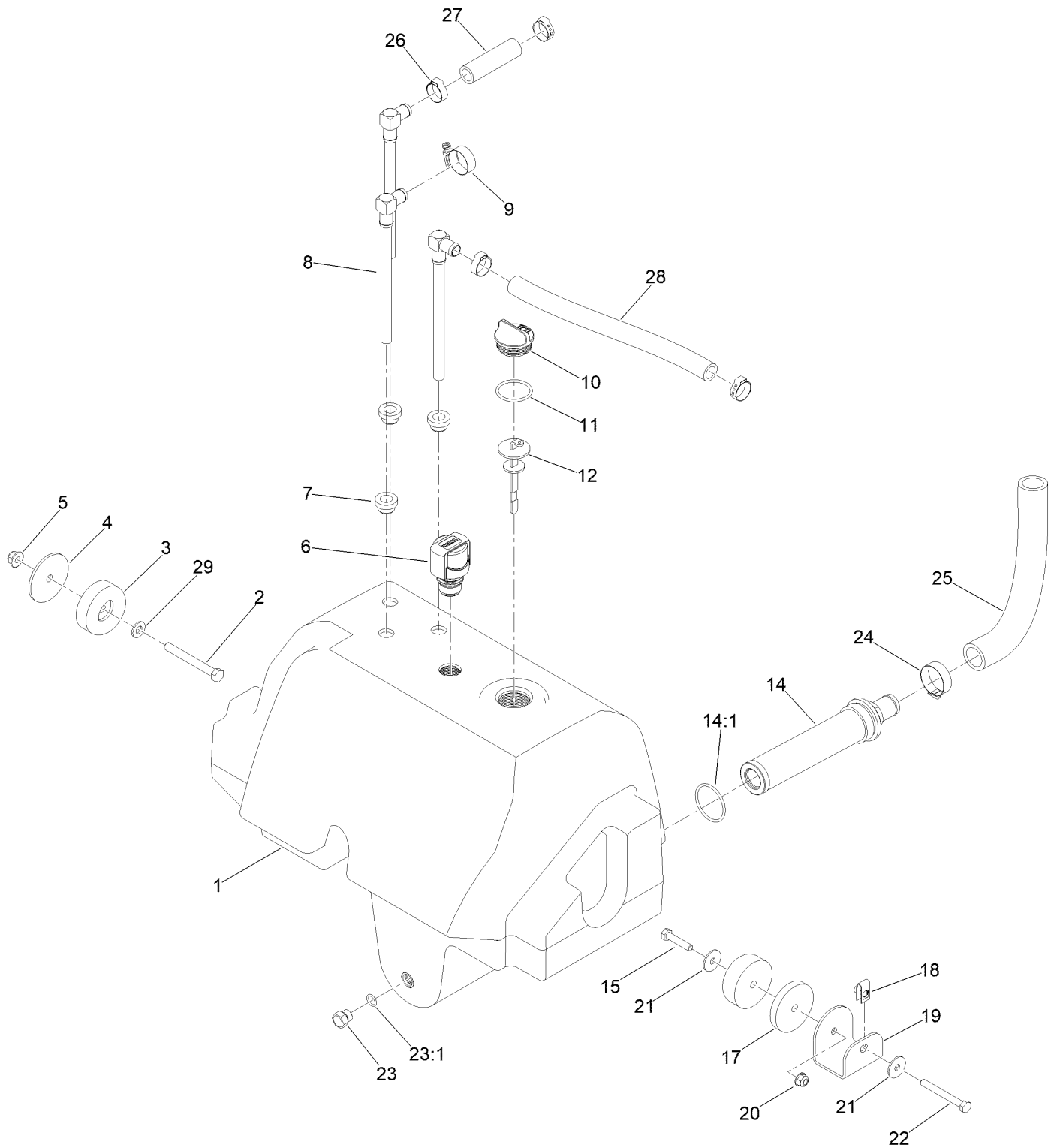
# Steering Valve Assembly No. 132-6256



## Steering Valve Assembly No. 132-6256 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 106-6716           | 1           | Seal Kit           |

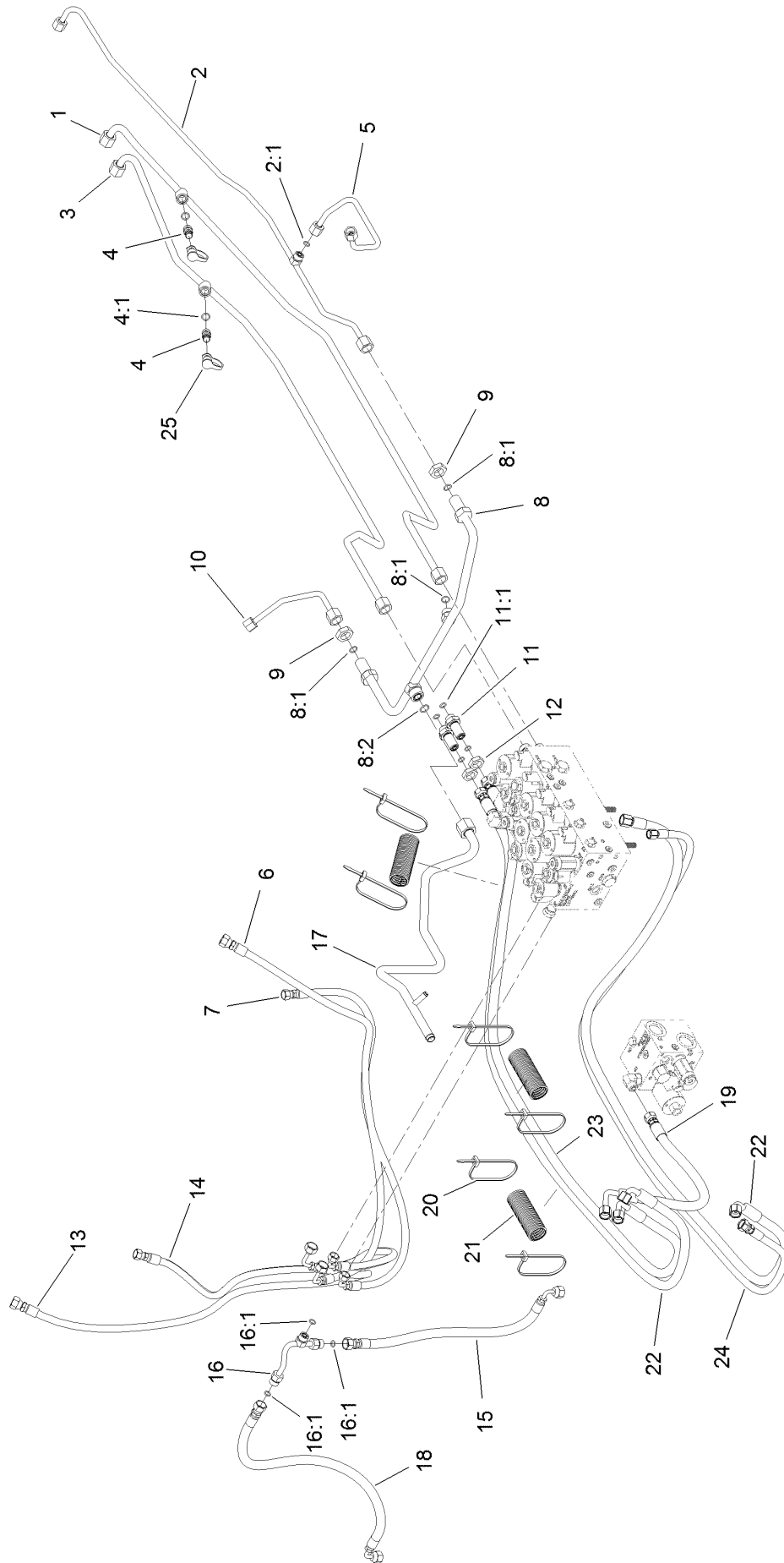
# Hydraulic Reservoir Assembly



## Hydraulic Reservoir 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           | 144-4153           | 1           | Reservoir-Hydraulic | 17          | 121-1533           | 1           | Spacer-Thick        |
| 2           | 323-20             | 1           | Screw-HH            | 18          | 115-7721           | 1           | Nut-Clip, U         |
| 3           | 108-1605           | 2           | Bumper-Recess       | 19          | 121-1557-0P        | 1           | Mount-Tank          |
| 4           | 121-1456           | 1           | Spacer-Thin         | 20          | 104-8300           | 1           | Nut-HF, NI          |
| 5           | 104-8301           | 1           | Nut-HF, NI          | 21          | 3256-82            | 2           | Washer-Flat         |
| 6           | 115-9793           | 1           | Breather            | 22          | 322-13             | 1           | Screw-HH            |
| 7           | 104-0790           | 3           | Bushing             | 23          | 353-508            | 1           | Plug-HH             |
| 8           | 114-0002           | 3           | Pipe-Stand          | 23:1        | 237-42             | 1           | O-Ring              |
| 9           | 2412-129           | 1           | Clamp-Hose          | 24          | 2412-111           | 1           | Clamp-Hose, W/Liner |
| 10          | 93-7498            | 1           | Plug-Plastic        | 25          | 120-8810           | 1           | Hose-Strainer       |
| 11          | 237-101            | 1           | O-Ring              | 26          | 115-5436           | 4           | Clamp-Hose, Crimp   |
| 12          | 112-6365           | 1           | Dipstick            | 27          | 114-4920           | 1           | Hose                |
| 14          | 104-7546           | 1           | Tank Strainer ASM   | 28          | 121-1521           | 1           | Hose                |
| 14:1        | 340-136            | 1           | O-Ring              | 29          | 3256-24            | 1           | Washer-Plain        |
| 15          | 322-7              | 1           | Screw-HH            |             |                    |             |                     |

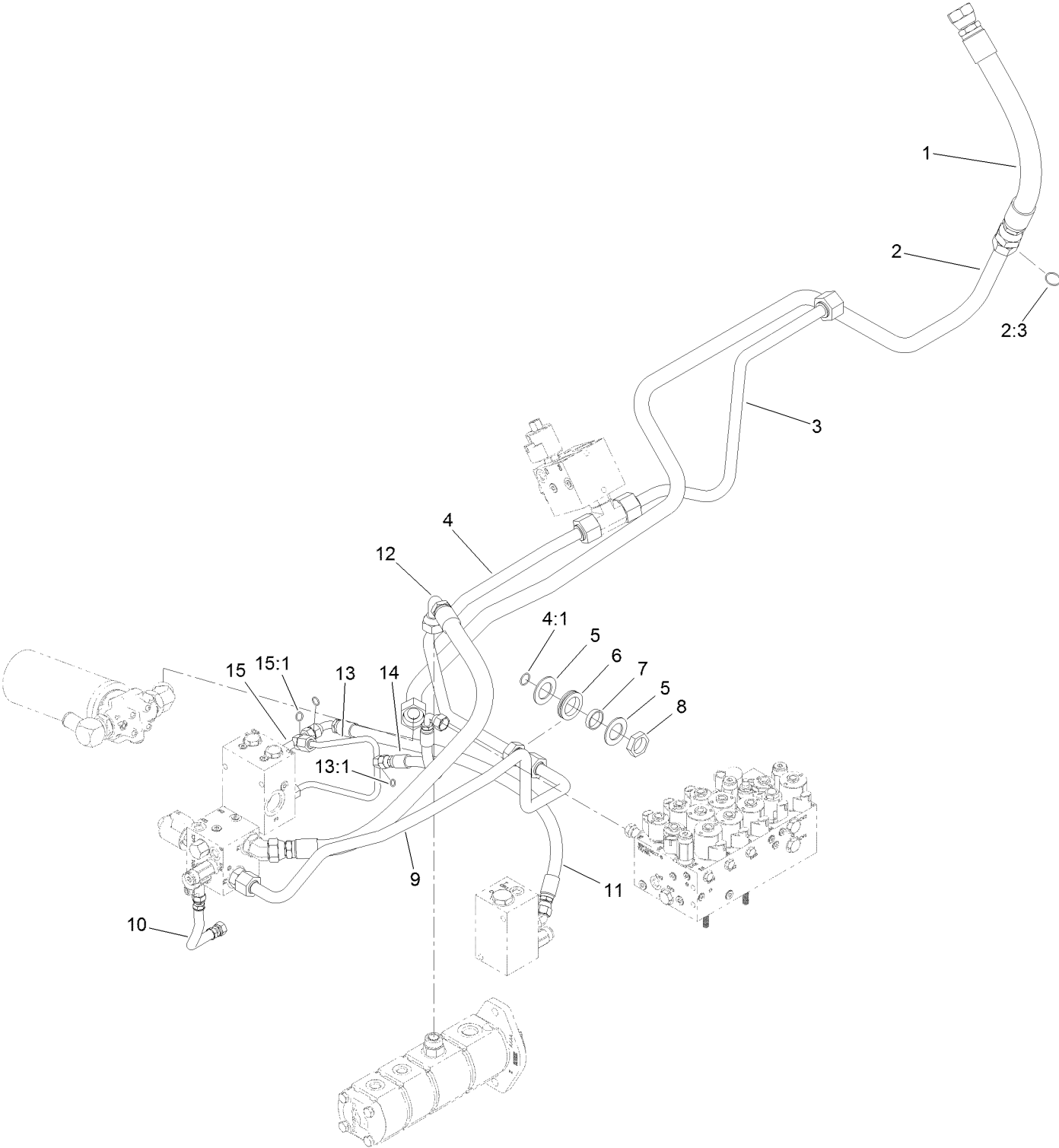
# Lift, Steer and Fan Hydraulic Assembly



## Lift, Steer and Fan Hydraulic 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           | 120-9074           | 1           | Tube-Fan                   | 12          | 340-70             | 2           | Nut-Lock           |
| 2           | 120-8966           | 1           | Tube-Drain, Fan            | 13          | 127-3736           | 1           | Hose-HYD           |
| 2:1         | 237-22             | 1           | O-Ring                     | 14          | 100-3833           | 1           | Hose-HYD           |
| 3           | 120-9075           | 1           | Tube-Fan                   | 15          | 121-1567           | 1           | Hose-HYD           |
| 4           | 59-7410            | 2           | Fitting-Diagnostic         | 16          | 121-1565           | 1           | Tube-Tee           |
| 4:1         | 237-42             | 1           | O-Ring                     | 16:1        | 237-22             | 3           | O-Ring             |
| 5           | 132-6145           | 1           | Tube-HYD                   | 17          | 121-1510           | 1           | Tube-HYD           |
| 6           | 127-3737           | 1           | Hose-HYD                   | 18          | 121-1566           | 1           | Hose-HYD           |
| 7           | 127-3738           | 1           | Hose-HYD                   | 19          | 139-0950           | 1           | Hose ASM           |
| 8           | 121-1509           | 1           | Tube-HYD                   | 20          | 3290-378           | 7           | Tie-Cable          |
| 8:1         | 237-30             | 3           | O-Ring                     | 21          | 121-1544           | 3           | Cover-Hose         |
| 8:2         | 237-65             | 1           | O-Ring                     | 22          | 137-5575           | 2           | Hose ASM           |
| 9           | 340-127            | 2           | Nut-Bulkhead               | 23          | 137-5577           | 1           | Hose ASM           |
| 10          | 132-6146           | 1           | Tube-HYD                   | 24          | 137-5576           | 1           | Hose ASM           |
| 11          | 340-71             | 2           | Fitting-Straight, Bulkhead | 25          | 354-79             | 2           | Cap-Dust           |
| 11:1        | 237-22             | 2           | O-Ring                     |             |                    |             |                    |

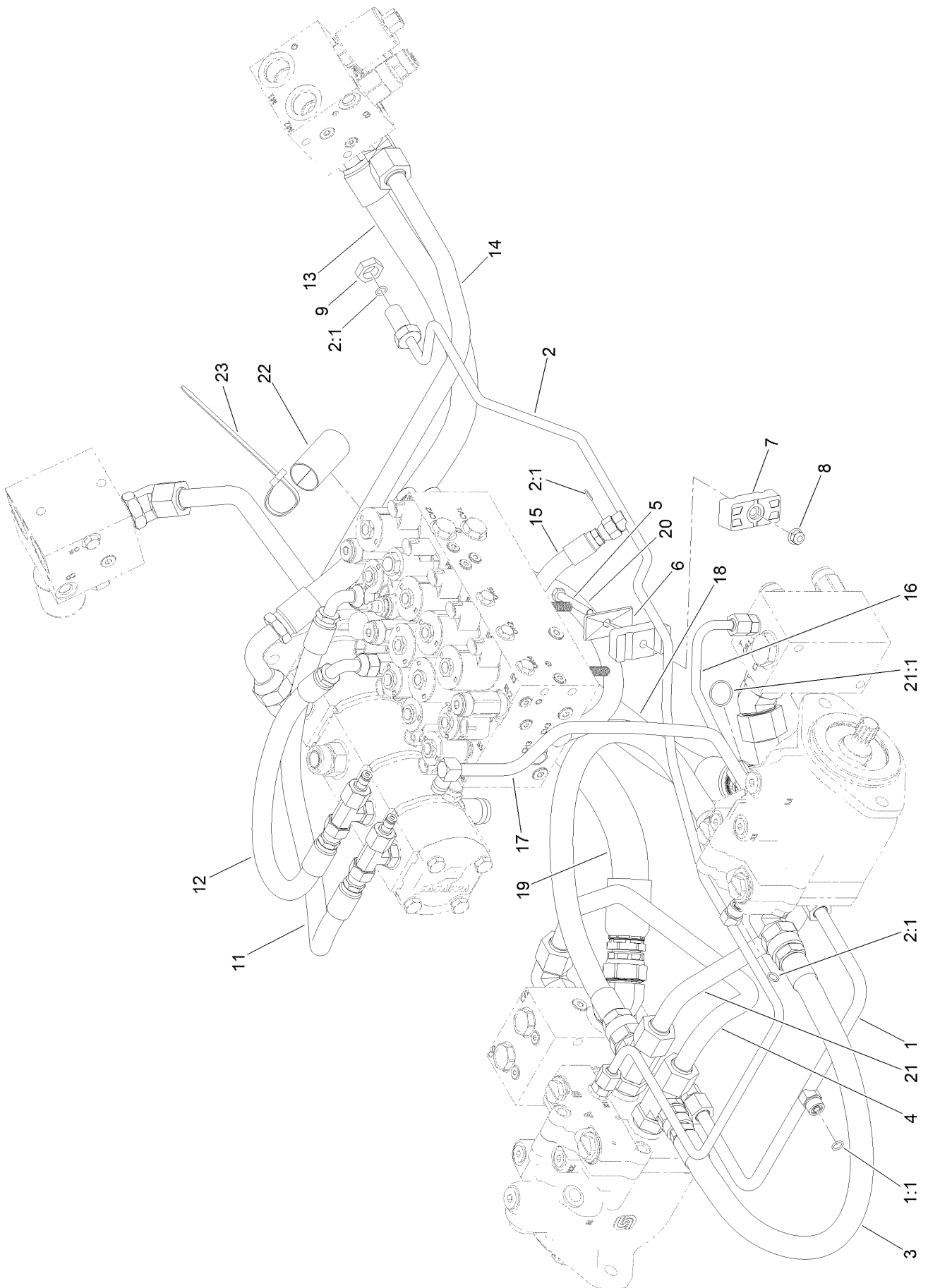
# Oil Cooler Hydraulic Assembly



## Oil Cooler Hydraulic 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           | 120-9060           | 1           | Hose-HYD           | 9           | 120-8838           | 1           | Tube-PTO, Front Return |
| 2           | 121-1612           | 1           | Tube ASM           | 10          | 121-1572           | 1           | Hose-HYD               |
| 2:3         | 340-65             | 1           | O-Ring             | 11          | 121-1559           | 1           | Hose-HYD               |
| 3           | 121-1626           | 1           | Tube-HYD           | 12          | 115-4384           | 1           | Hose-HYD               |
| 4           | 121-1507           | 1           | Tube ASM           | 13          | 121-1584           | 1           | Tube-HYD               |
| 4:1         | 237-58             | 1           | O-Ring             | 13:1        | 237-22             | 1           | O-Ring                 |
| 5           | 69-8910            | 2           | Washer             | 14          | 121-1583           | 1           | Hose-HYD               |
| 6           | 240-7              | 1           | Grommet-Rubber     | 15          | 121-1558           | 1           | Fitting-Tee            |
| 7           | 69-8900            | 1           | Spacer             | 15:1        | 237-30             | 2           | O-Ring                 |
| 8           | 340-126            | 1           | Nut-Bulkhead       |             |                    |             |                        |

# Traction Hydraulic Assembly

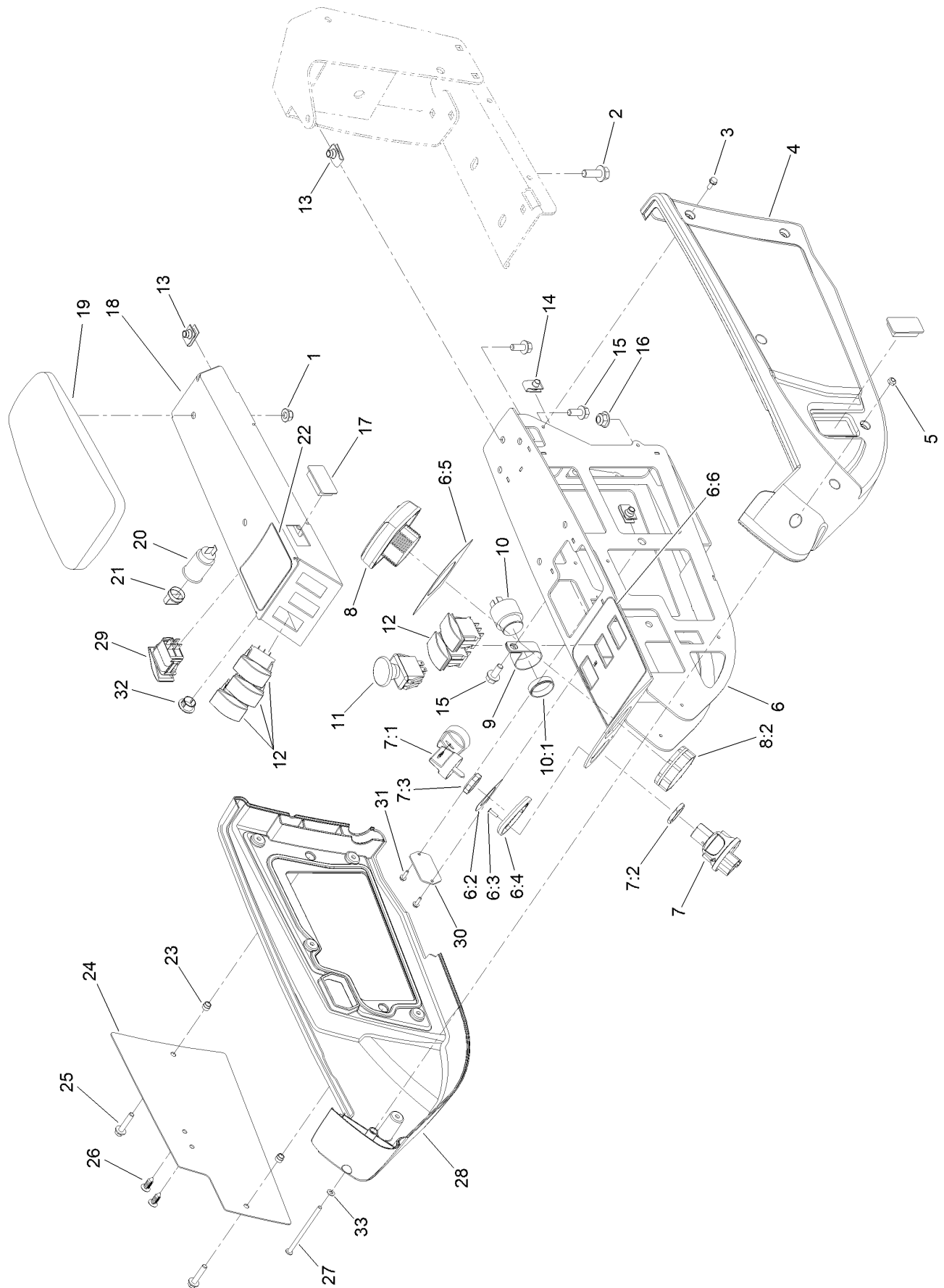


## Traction Hydraulic Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 120-9080           | 1           | Tube ASM           |
| 1:1         | 237-22             | 1           | O-Ring             |
| 2           | 121-1552           | 1           | Tube ASM           |
| 2:1         | 237-22             | 3           | O-Ring             |
| 3           | 145-8387           | 2           | HYD Hose ASM       |
| 4           | 121-1546           | 1           | Tube-HYD           |
| 5           | 322-11             | 1           | Screw-HH           |
| 6           | 69-9761            | 1           | Plate-Cover        |
| 7           | 120-3200           | 2           | Clamp-Tube         |
| 8           | 104-8300           | 1           | Nut-HF, NI         |
| 9           | 340-70             | 1           | Nut-Lock           |
| 11          | 104-2807           | 1           | Hose-HYD           |
| 12          | 104-4584           | 1           | Hose-HYD           |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 13          | 115-4384           | 1           | Hose-HYD           |
| 14          | 120-8834           | 1           | Tube-PTO, LH To RH |
| 15          | 104-2234           | 1           | Hose-HYD           |
| 16          | 121-1480           | 1           | Tube-HYD           |
| 17          | 120-8961           | 1           | Tube-Return, Front |
| 18          | 132-6142           | 1           | Hose-HYD           |
| 19          | 132-6141           | 1           | Hose-HYD           |
| 20          | 132-6241           | 1           | Hose-HYD           |
| 21          | 121-1581           | 1           | Tube-Tee           |
| 21:1        | 340-65             | 1           | O-Ring             |
| 22          | AU112950           | 1           | Protector-Hose     |
| 23          | 3290-378           | 3           | Tie-Cable          |

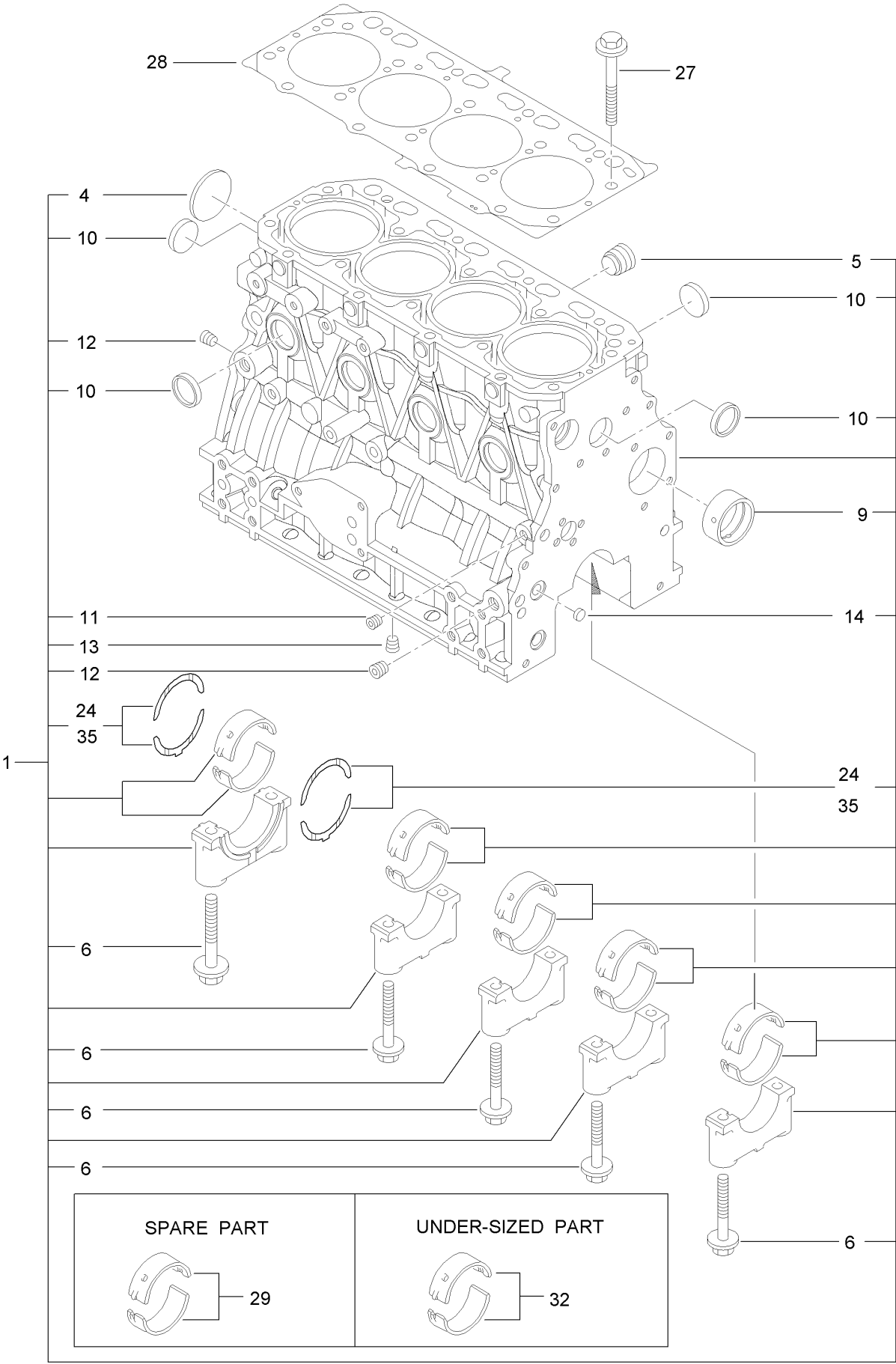
# Armrest Control Panel Assembly



## Armrest Control Panel 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           | 104-8300           | 2           | Nut-HF, NI                      | 13          | 94-2413            | 6           | Nut-U              |
| 2           | 3234-42            | 2           | Screw-HHF                       | 14          | 107069             | 2           | Clip               |
| 3           | 32144-112          | 10          | Screw-HWH                       | 15          | 3234-5             | 6           | Screw-HHF          |
| 4           | 108-7604           | 1           | Cover-LH                        | 16          | 104-8301           | 2           | Nut-HF, NI         |
| 5           | 3296-12            | 1           | Nut-Lock, NI                    | 17          | 99-7420            | 2           | Plug-Hole          |
| 6           | 120-4155           | 1           | Panel ASM                       | 18          | 136-4389-03        | 1           | Panel-Control      |
| 6:2         | 121-3884           | 1           | Decal-Console, Upper            | 19          | 108-7602           | 1           | Rest-Arm           |
| 6:3         | 3269-17            | 2           | Rivet-Pop                       | 20          | 99-7411            | 1           | Point-Power        |
| 6:4         | 121-3889           | 1           | Step-Elevated, Switch           | 21          | 99-7416            | 1           | Cap                |
| 6:5         | 121-3887           | 1           | Decal-Console, Display          | 22          | 127-3700           | 1           | Decal-Lift         |
| 6:6         | 120-4159           | 1           | Decal-Console, Lower            | 23          | 110-0542           | 2           | Spacer-Flange      |
| 7           | 121-5159           | 1           | Switch-Ignition                 | 24          | 115-8849-03        | 1           | Plate-Cover        |
| 7:1         | 121-5160           | 1           | Nut-Hex                         | 25          | 3234-21            | 2           | Screw-HHF          |
| 7:2         | 122-2704           | 1           | Nut-Face, M22 (Plastic)         | 26          | 114-4899           | 2           | Rivet-Push         |
| 7:3         | 121-5162           | 1           | Set-Key, Ignition               | 27          | 161-8374           | 1           | Screw-HSH          |
| 8           | 161-1700           | 1           | Display-LCD                     | 28          | 108-7605           | 1           | Cover-RH           |
| 8:2         | 161-1723           | 1           | Nut-Display                     | 29          | 114-3329           | 1           | Switch-Rocker      |
| 9           | 2412-74            | 1           | R-Clamp                         | 30          | 121-1630           | 1           | Plate-Cover        |
| 10          | 80-9330            | 1           | Audio Alarm ASM                 | 31          | 32144-18           | 2           | Screw-HWH          |
| 10:1        | 104-5107           | 1           | Nut-Plastic, Knurled            | 32          | 94-5627            | 1           | Plug-Dome          |
| 11          | 93-9999            | 1           | Switch-PTO                      | 33          | 3256-51            | 1           | Washer-Flat        |
| 12          | 100-1535           | 5           | Switch-Rocker,<br>(On)-Off-(On) |             |                    |             |                    |

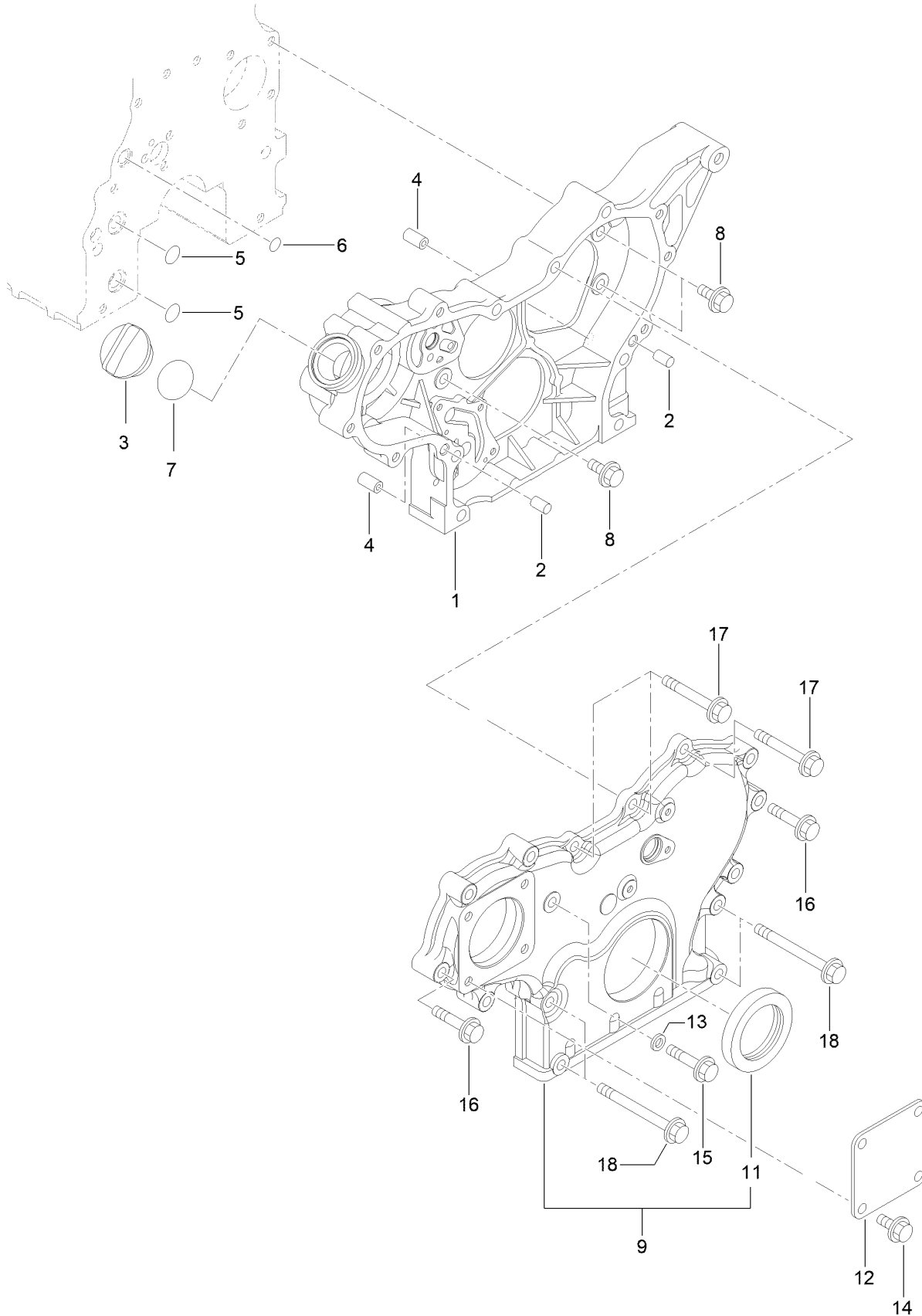
# Cylinder Block Assembly



## Cylinder Block Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|-----------------------|
| 1           | 127-3127           | 1           | Cylinder Block ASM | 13          | 125-6973           | 1           | Plug                  |
| 4           | 125-6980           | 1           | Plug               | 14          | 125-7237           | 1           | Plug                  |
| 5           | 125-7170           | 1           | Plug               | 24          | 125-7010           | 2           | Metal-Thrust          |
| 6           | 125-7007           | 10          | Bolt               | 27          | 125-7006           | 18          | Bolt                  |
| 9           | 125-7108           | 1           | Bushing            | 28          | 127-3126           | 1           | Gasket-Head, Cylinder |
| 10          | 125-7239           | 8           | Plug               | 29          | 125-6981           | 5           | Metal-Main            |
| 11          | 125-6969           | 1           | Plug               | 32          | 125-7009           | 5           | Metal-Main (0.25)     |
| 12          | 125-6973           | 2           | Plug               | 35          | 125-7011           | 1           | Metal-Thrust (0.25)   |

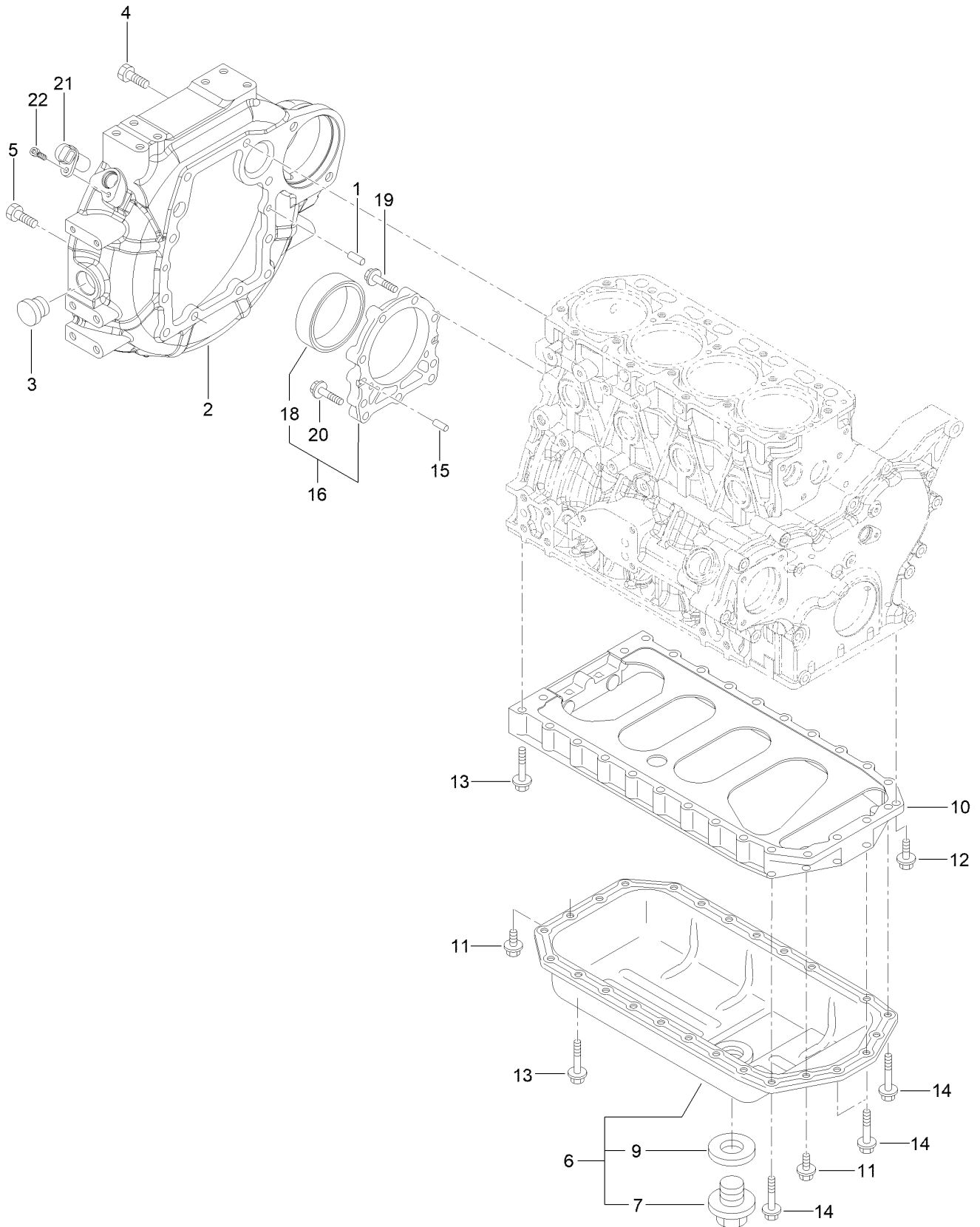
# Gear Housing Assembly



## Gear Housing Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|
| 1           | 138-7825           | 1           | Case-Gear          | 11          | 125-6944           | 1           | Seal-Oil           |
| 2           | 125-6995           | 2           | Pin                | 12          | 125-6977           | 1           | Cover              |
| 3           | 125-6972           | 1           | Cover-Filler       | 13          | 125-7174           | 1           | Washer-Seal        |
| 4           | 125-7107           | 2           | Pipe               | 14          | 125-7214           | 4           | Bolt               |
| 5           | 125-6909           | 2           | O-Ring             | 15          | 125-7217           | 1           | Bolt               |
| 6           | 127-2973           | 1           | O-Ring             | 16          | 125-7218           | 7           | Bolt               |
| 7           | 125-7197           | 1           | O-Ring             | 17          | 125-7222           | 3           | Bolt               |
| 8           | 125-7214           | 3           | Bolt               | 18          | 125-7224           | 4           | Bolt               |
| 9           | 127-3024           | 1           | Gearcase Cover ASM |             |                    |             |                    |

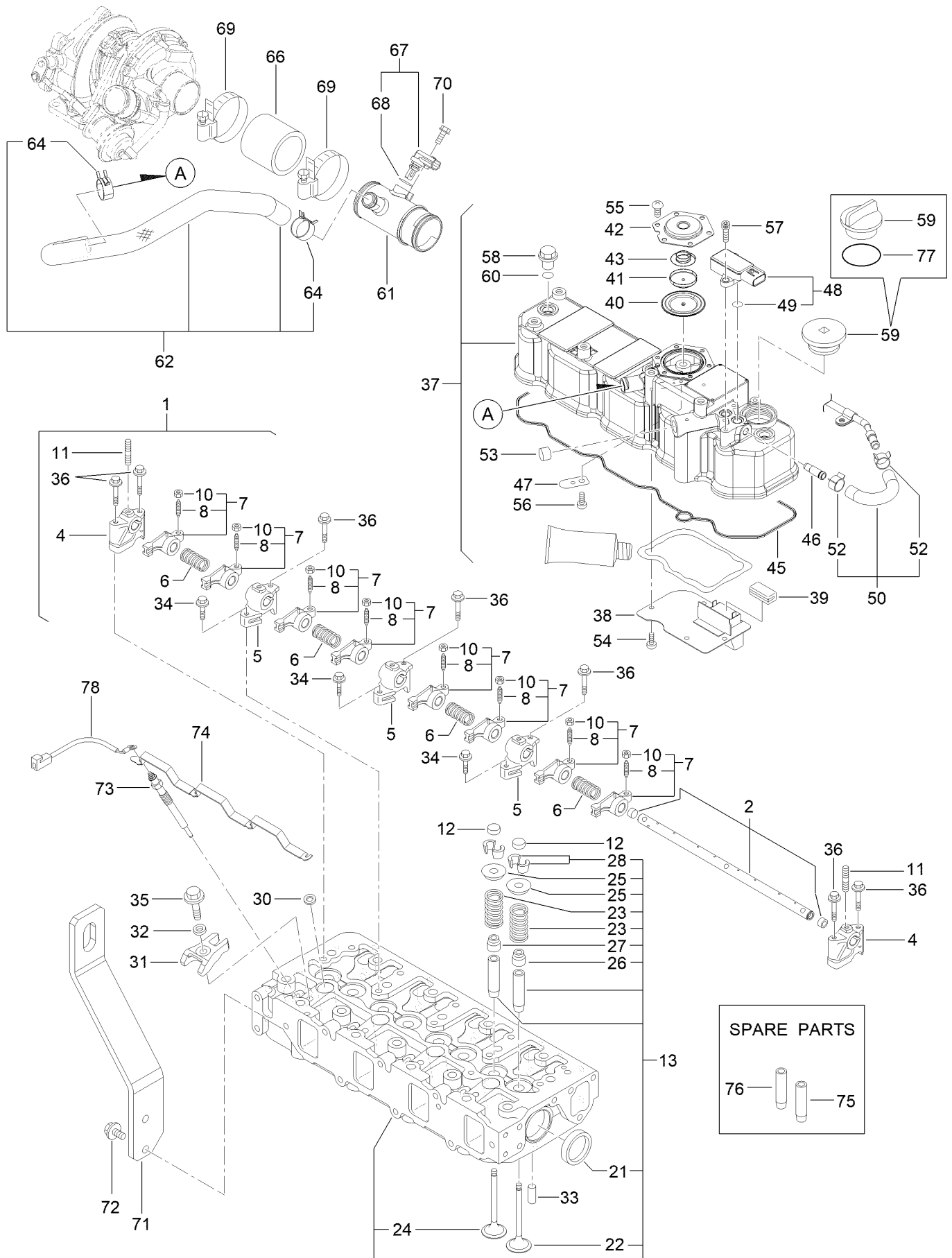
# Flywheel Housing and Oil Sump Assembly



## Flywheel Housing and Oil Sump Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|----------------------|
| 1           | 125-6995           | 2           | Pin                | 12          | 125-7215           | 2           | Bolt                 |
| 2           | 127-3025           | 1           | Housing-Flywheel   | 13          | 125-7219           | 20          | 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          | 135-4011           | 1           | Case ASM             |
| 6           | 138-7826           | 1           | Oil Pan ASM        | 18          | 138-7827           | 1           | Seal, Oil            |
| 7           | 125-6912           | 1           | Plug-Drain         | 19          | 125-7045           | 6           | Bolt                 |
| 9           | 125-7177           | 1           | Washer-Seal        | 20          | 125-7217           | 3           | Bolt                 |
| 10          | 125-7035           | 1           | Spacer             | 21          | 127-3062           | 1           | Sensor-Rev, Flywheel |
| 11          | 125-7214           | 4           | Bolt               | 22          | 127-3184           | 1           | Bolt                 |

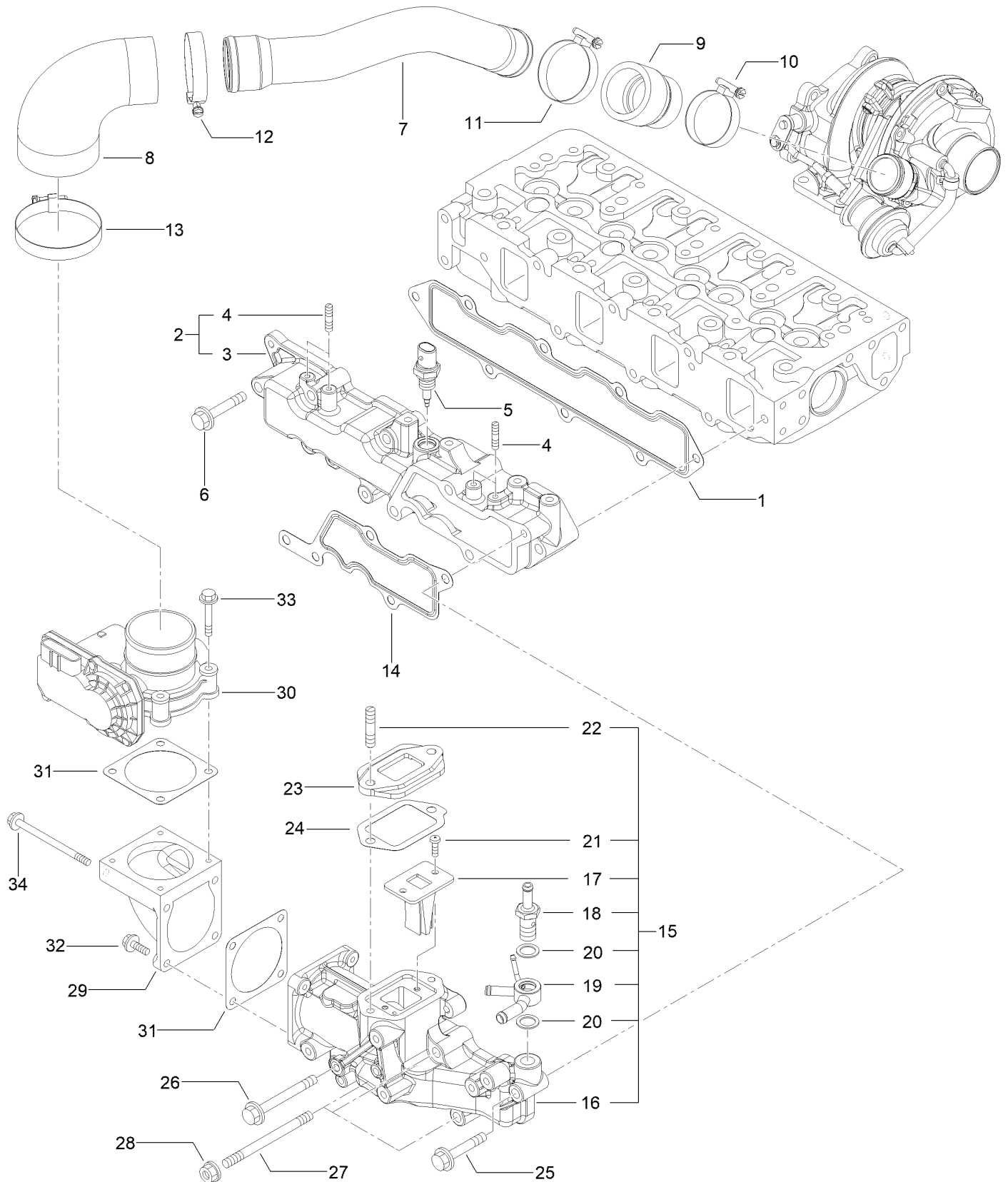
# Cylinder Head and Cover Assembly



## 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           | 127-3005           | 1           | Shaft ASM           | 43          | 125-6962           | 1           | Spring-Diaphragm        |
| 2           | 127-3006           | 1           | Shaft               | 45          | 127-3106           | 1           | Gasket-Cover            |
| 4           | 127-2974           | 2           | Support             | 46          | 127-3026           | 1           | Joint                   |
| 5           | 127-2975           | 3           | Support             | 47          | 125-6994           | 1           | Spring                  |
| 6           | 127-2995           | 4           | Spring              | 48          | 127-3029           | 1           | Sensor-Pressure         |
| 7           | 127-2989           | 8           | Arm-Rocker          | 49          | 127-3032           | 2           | O Ring-Sensor, Pressure |
| 8           | 125-7013           | 8           | Screw-Adjust, Valve | 50          | 127-3040           | 1           | Hose ASM                |
| 10          | 125-7014           | 8           | Nut                 | 52          | 127-3041           | 2           | Clip-Hose               |
| 11          | 127-3183           | 3           | Stud                | 53          | 125-6913           | 1           | Plug                    |
| 12          | 127-2996           | 8           | Cap-Valve           | 54          | 125-7186           | 4           | Screw                   |
| 13          | 127-3132           | 1           | Cylinder Head ASM   | 55          | 125-7186           | 6           | Screw                   |
| 21          | 125-7240           | 2           | Plug                | 56          | 125-7186           | 1           | Screw                   |
| 22          | 127-2990           | 4           | Valve               | 57          | 127-3184           | 2           | Bolt                    |
| 23          | 127-3012           | 8           | Spring              | 58          | 125-6974           | 3           | Knob                    |
| 24          | 127-2994           | 4           | Valve               | 59          | 125-6972           | 1           | Cover-Filler            |
| 25          | 127-3013           | 8           | Retainer-Spring     | 60          | 93-0418            | 3           | O-Ring                  |
| 26          | 127-2986           | 4           | Seal-Stem, Valve    | 61          | 127-3128           | 1           | Joint-Breather          |
| 27          | 127-3027           | 4           | Seal-Stem, Valve    | 62          | 127-3129           | 1           | Breather Hose ASM       |
| 28          | 127-3186           | 8           | Pin-Cotter          | 64          | 125-7040           | 2           | Clip-Hose               |
| 30          | 127-3021           | 4           | Gasket-Injector     | 66          | 127-3133           | 1           | Hose-Intake             |
| 31          | 127-3028           | 4           | Retainer-Injector   | 67          | 127-3030           | 1           | Sensor-Temp, Air        |
| 32          | 127-2980           | 4           | Washer-Injector     | 68          | 127-3033           | 1           | O-Ring                  |
| 33          | 125-7184           | 2           | Pin-Spring          | 69          | 125-7190           | 2           | Clamp-Hose              |
| 34          | 125-7215           | 3           | Bolt                | 70          | 125-7208           | 1           | Bolt                    |
| 35          | 125-7217           | 4           | Bolt                | 71          | 127-3130           | 1           | Lifter-Engine           |
| 36          | 125-7220           | 7           | Bolt                | 72          | 125-7595           | 2           | Bolt                    |
| 37          | 138-7828           | 1           | Head Cover ASM      | 73          | 127-2991           | 4           | Plug-Glow               |
| 38          | 127-2988           | 1           | Plate               | 74          | 127-3123           | 1           | Connector-Glow Plug     |
| 39          | 125-7012           | 1           | Baffle              | 75          | 127-2979           | 4           | Guide                   |
| 40          | 125-6959           | 1           | Diaphragm           | 76          | 127-2997           | 4           | Guide-Valve             |
| 41          | 125-6960           | 1           | Plate               | 77          | 125-7197           | 1           | O-Ring                  |
| 42          | 125-6961           | 1           | Plate-Breather      | 78          | 131-2704           | 1           | Harness-Wire            |

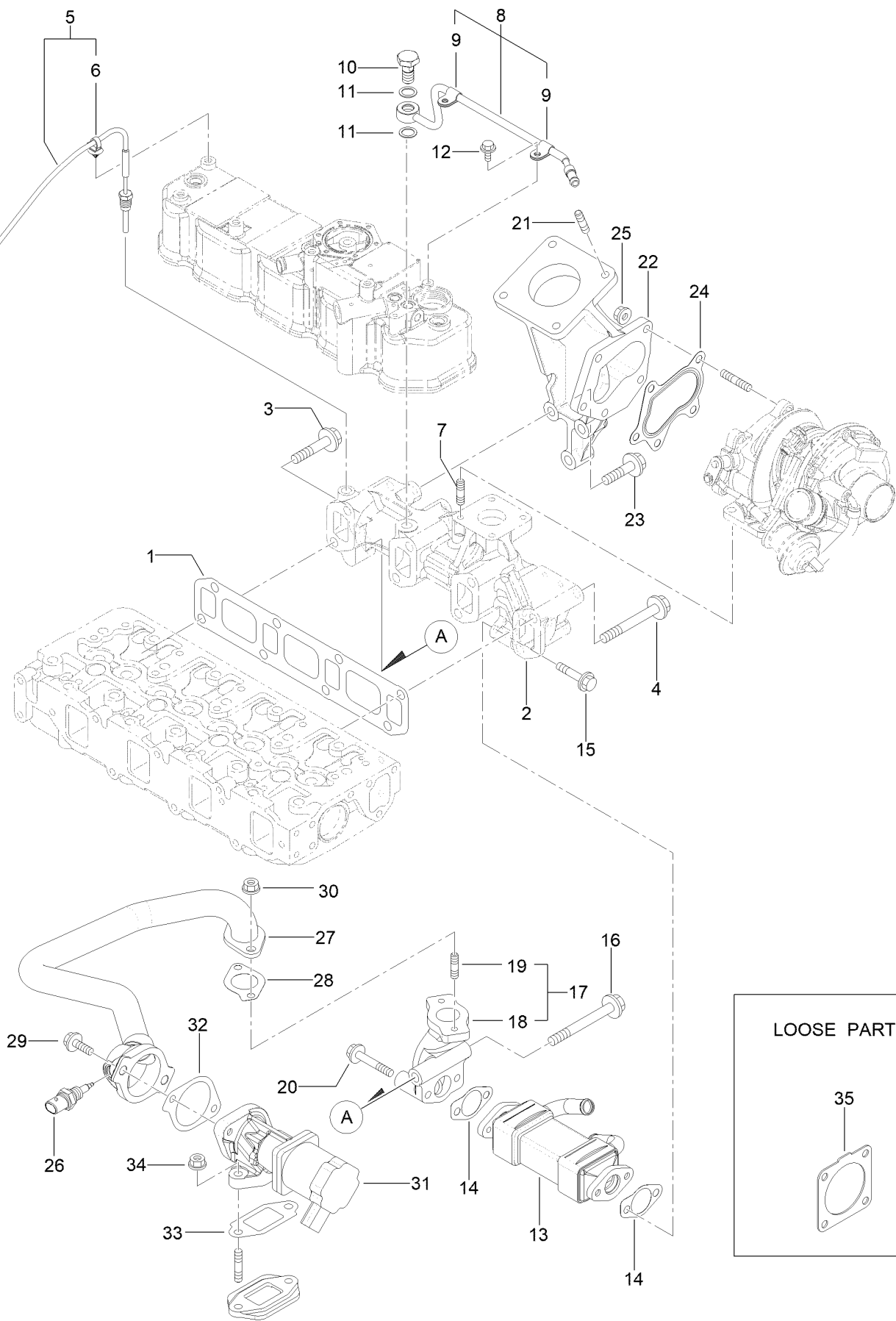
# Intake Manifold Assembly



## Intake 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           | 127-3107           | 1           | Gasket-Manifold, Intake | 18          | 127-3080           | 1           | Joint-Hose          |
| 2           | 127-3135           | 1           | Intake Manifold ASM     | 19          | 127-3081           | 1           | Joint-Hose          |
| 3           | 127-3134           | 1           | Manifold-Intake         | 20          | 127-3166           | 2           | Washer-Seal         |
| 4           | 127-3180           | 4           | Stud                    | 21          | 127-3168           | 2           | Screw               |
| 5           | 137-5167           | 1           | Sensor-Temperature, Air | 22          | 138-7831           | 2           | Stud, M8X 35        |
| 6           | 125-7220           | 5           | Bolt                    | 23          | 127-3045           | 1           | Spacer-Valve, E G R |
| 7           | 127-3152           | 1           | Duct-Suction            | 24          | 127-3046           | 1           | Gasket-E G R        |
| 8           | 127-3096           | 1           | Joint-Rubber            | 25          | 125-7220           | 1           | Bolt                |
| 9           | 127-3153           | 1           | Joint-Rubber            | 26          | 127-3178           | 1           | Bolt                |
| 10          | 125-7189           | 1           | Clamp-Hose              | 27          | 127-3182           | 3           | Stud                |
| 11          | 127-3170           | 1           | Clamp-Hose              | 28          | 125-7229           | 3           | Nut                 |
| 12          | 125-7190           | 1           | Clamp-Hose              | 29          | 127-3035           | 1           | Bend-Inlet          |
| 13          | 127-3171           | 1           | Clamp-Hose              | 30          | 127-3036           | 1           | Body-Throttle       |
| 14          | 127-3034           | 1           | Gasket-Collector        | 31          | 127-3037           | 2           | Gasket-Throttle     |
| 15          | 127-3093           | 1           | Intake Collector ASM    | 32          | 125-7209           | 2           | Bolt                |
| 16          | 127-3092           | 1           | Collector-Intake        | 33          | 125-7211           | 4           | Bolt                |
| 17          | 127-3139           | 1           | Valve-Reed              | 34          | 127-3177           | 2           | Bolt                |

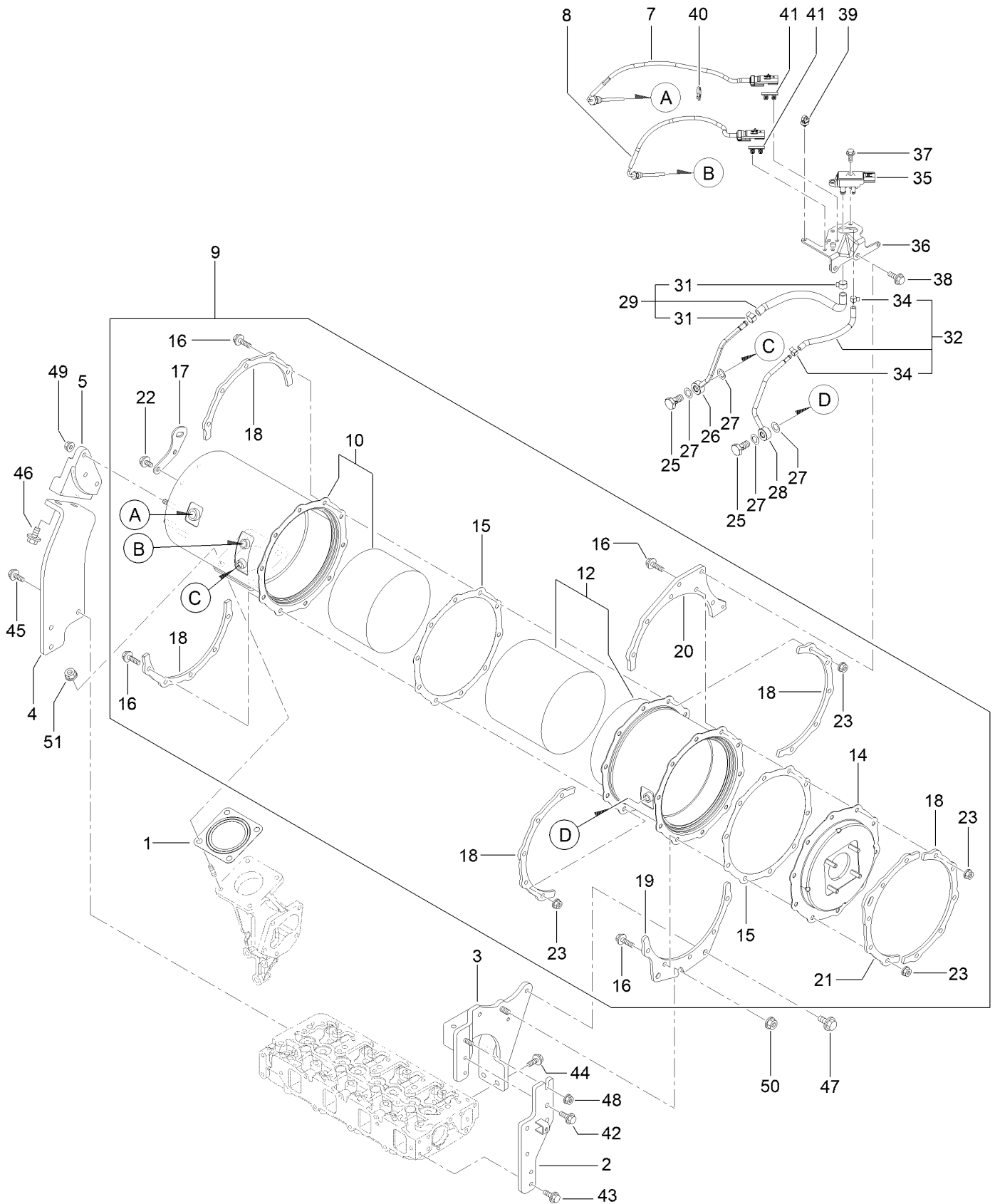
# Exhaust Manifold Assembly



## 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           | 127-3108           | 1           | Gasket-Manifold, Exhaust | 19          | 125-7043           | 2           | Stud                       |
| 2           | 127-3136           | 1           | Manifold-Exhaust         | 20          | 125-7220           | 2           | Bolt                       |
| 3           | 135-4013           | 1           | Bolt                     | 21          | 127-2984           | 4           | Stud                       |
| 4           | 135-4014           | 7           | Bolt                     | 22          | 127-3137           | 1           | Pipe-Exhaust               |
| 5           | 127-3140           | 1           | Sensor-Temp, Exhaust     | 23          | 133-6792           | 3           | Bolt                       |
| 6           | 127-3087           | 1           | Band-Clip                | 24          | 125-7071           | 1           | Gasket                     |
| 7           | 125-7043           | 4           | Stud                     | 25          | 125-7229           | 5           | Nut                        |
| 8           | 127-3038           | 1           | Exhaust Pipe ASM         | 26          | 137-5168           | 1           | Sensor-Gas Temp, E G R     |
| 9           | 127-3173           | 2           | Clamp                    | 27          | 127-3109           | 1           | E G R Pipe ASM             |
| 10          | 127-3039           | 1           | Bolt-Joint, Pipe         | 28          | 127-3016           | 1           | Gasket                     |
| 11          | 127-3174           | 2           | Gasket                   | 29          | 125-7215           | 2           | Bolt                       |
| 12          | 125-7206           | 2           | Bolt                     | 30          | 125-7229           | 2           | Nut                        |
| 13          | 127-3042           | 1           | Cooler-E G R             | 31          | 127-3110           | 1           | Valve-E G R                |
| 14          | 127-3043           | 2           | Gasket-Cooler, E G R     | 32          | 127-3050           | 1           | Gasket-Intake Valve, E G R |
| 15          | 135-4015           | 2           | Bolt                     | 33          | 127-3051           | 1           | Gasket-Out Valve, E G R    |
| 16          | 135-4016           | 1           | Bolt                     | 34          | 125-7229           | 2           | Nut                        |
| 17          | 127-3048           | 1           | E G R Pipe ASM           | 35          | 127-3019           | 1           | Gasket                     |
| 18          | 127-3049           | 1           | Pipe-Out, E G R          |             |                    |             |                            |

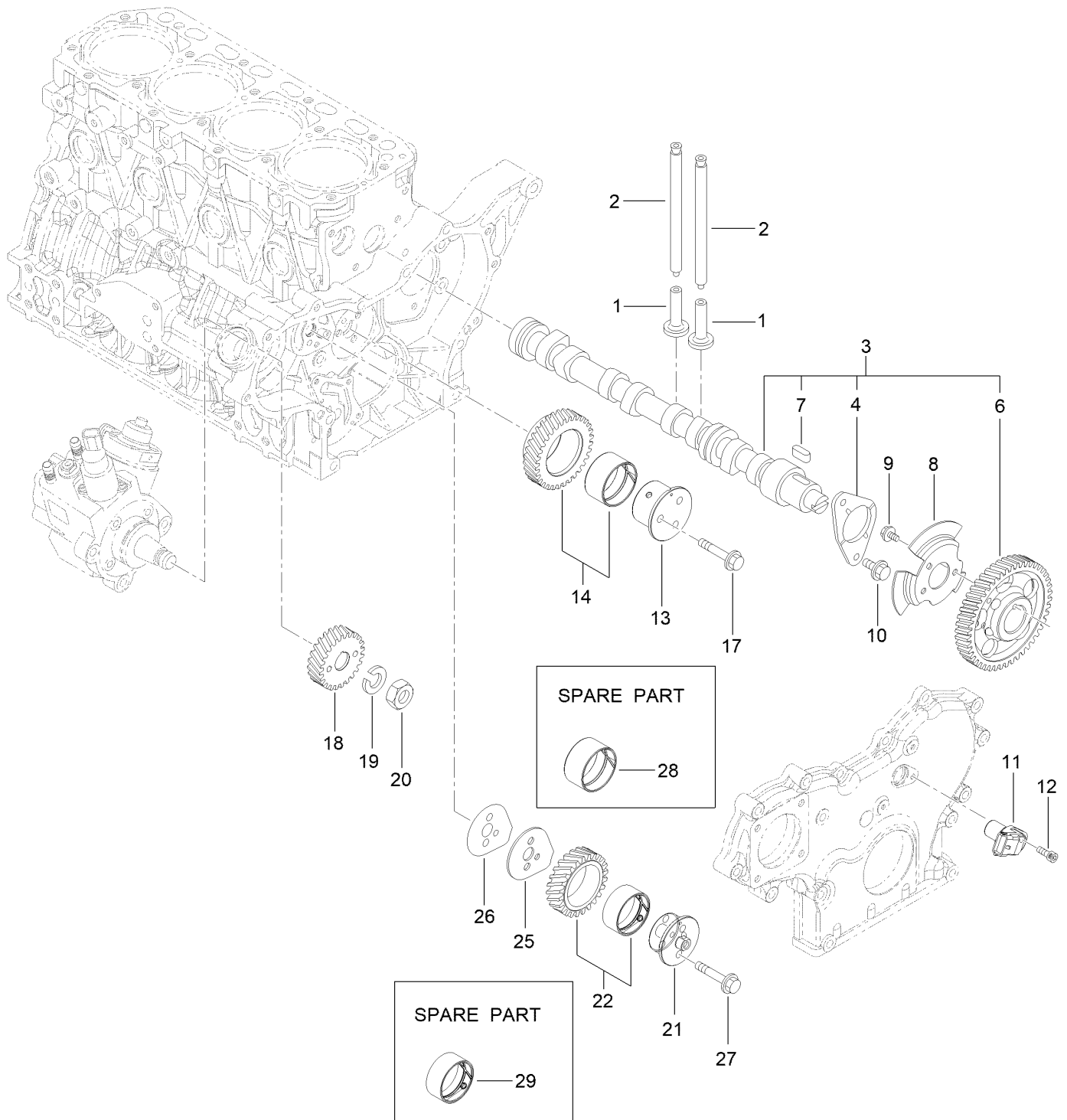
# Diesel Particulate Filter Assembly



## Diesel Particulate Filter Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>        | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>           |
|-------------|--------------------|-------------|---------------------------|-------------|--------------------|-------------|------------------------------|
| 1           | 127-2987           | 1           | Gasket-Silencer           | 28          | 127-3165           | 1           | Exhaust Pressure Pipe ASM    |
| 2           | 127-3095           | 1           | Stay-D P F                | 29          | 127-3114           | 1           | Exhaust Hose ASM             |
| 3           | 139-4533           | 1           | Stay-D P F                | 31          | 127-3057           | 2           | Clip-Hose                    |
| 4           | 127-3149           | 1           | Stay-D P F                | 32          | 127-3059           | 1           | Exhaust Pressure Hose<br>ASM |
| 5           | 127-3150           | 1           | Stay-D P F                | 34          | 127-3058           | 2           | Clip-Hose                    |
| 7           | 127-4764           | 1           | Sensor-Temp, Exhaust      | 35          | 127-3060           | 1           | Sensor-Pressure              |
| 8           | 127-4765           | 1           | Sensor-Temp, Exhaust      | 36          | 127-3061           | 1           | Bracket-Sensor, Pressure     |
| 9           | 127-3157           | 1           | D P F ASM                 | 37          | 125-7208           | 2           | Bolt                         |
| 10          | 127-3141           | 1           | Case-Doc                  | 38          | 125-7595           | 2           | Bolt                         |
| 12          | 127-3142           | 2           | Case-Filter, Soot         | 39          | 127-3060           | 1           | Sensor-Pressure              |
| 14          | 127-3143           | 1           | Flange-Outlet             | 40          | 127-3087           | 1           | Band-Clip                    |
| 15          | 127-3162           | 2           | Gasket-D P F              | 41          | 127-3088           | 2           | Clip-Connector               |
| 16          | 127-3055           | 20          | Bolt                      | 42          | 125-7595           | 2           | Bolt                         |
| 17          | 127-3144           | 1           | Lifter-D P F              | 43          | 125-7595           | 2           | Bolt                         |
| 18          | 127-3145           | 5           | Stiffener-D P F, A        | 44          | 125-7595           | 2           | Bolt                         |
| 19          | 127-3146           | 1           | Stiffener-D P F, B        | 45          | 125-7595           | 3           | Bolt                         |
| 20          | 127-3158           | 1           | Stiffener-D P F, D        | 46          | 127-3179           | 2           | Bolt                         |
| 21          | 127-3147           | 1           | Stiffener-D P F, C        | 47          | 127-3179           | 2           | Bolt                         |
| 22          | 125-7213           | 2           | Bolt                      | 48          | 125-7229           | 1           | Nut                          |
| 23          | 125-7229           | 20          | Nut                       | 49          | 125-7229           | 3           | Nut                          |
| 25          | 127-3039           | 2           | Bolt-Joint, Pipe          | 50          | 125-7230           | 1           | Nut                          |
| 26          | 127-3164           | 1           | Exhaust Pressure Pipe ASM | 51          | 125-7230           | 4           | Nut                          |
| 27          | 127-3056           | 4           | Gasket-Sensor             |             |                    |             |                              |

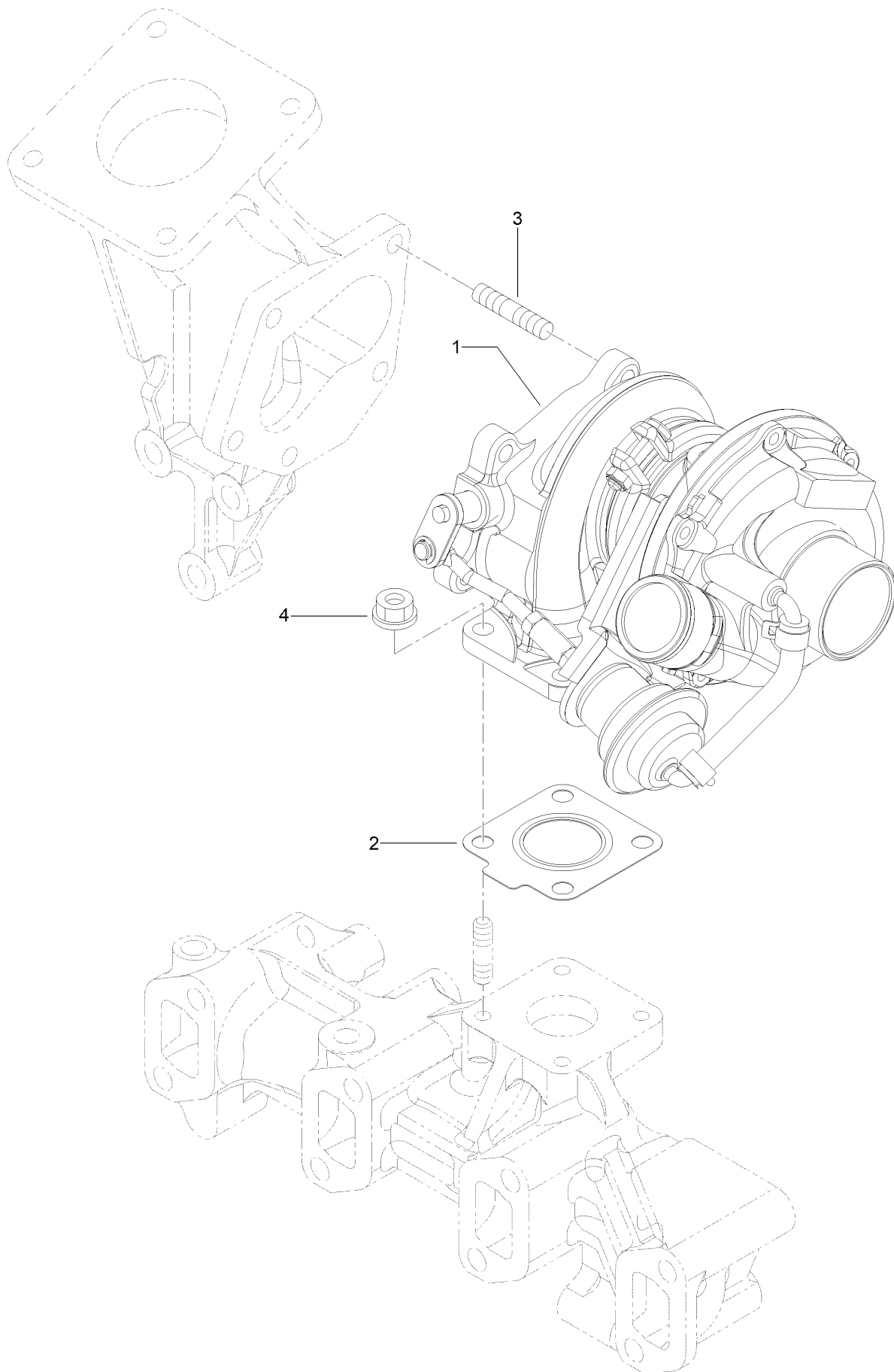
# Camshaft and Driving Gear Assembly



## Camshaft and Driving Gear Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|----------------------|
| 1           | 125-7016           | 8           | Tappet             | 14          | 127-3066           | 1           | Idle Gear A ASM      |
| 2           | 125-7017           | 8           | Rod-Push           | 17          | 125-7219           | 3           | Bolt                 |
| 3           | 127-3113           | 1           | Camshaft ASM       | 18          | 127-3070           | 1           | Gear-Pump, Supply    |
| 4           | 125-7008           | 1           | Metal-Thrust       | 19          | 127-3167           | 1           | Washer-Spring        |
| 6           | 127-3052           | 1           | Gear-Camshaft      | 20          | 127-3185           | 1           | Nut-Lock             |
| 7           | 125-7185           | 1           | Key                | 21          | 127-3064           | 1           | Shaft-Idle, Gear B   |
| 8           | 127-3053           | 1           | Pulser-Camshaft    | 22          | 127-3067           | 1           | Idle Gear B ASM      |
| 9           | 125-7205           | 3           | Bolt               | 25          | 127-3068           | 1           | Plate-Idle, Shaft    |
| 10          | 125-7213           | 2           | Bolt               | 26          | 127-3069           | 1           | Gasket-Idle, Shaft B |
| 11          | 127-3054           | 1           | Sensor-Rev, Gear   | 27          | 125-7218           | 2           | Bolt                 |
| 12          | 127-3184           | 1           | Bolt               | 28          | 125-6927           | 1           | Bushing              |
| 13          | 127-3063           | 1           | Shaft-Idle, Gear A | 29          | 127-3065           | 1           | Bushing              |

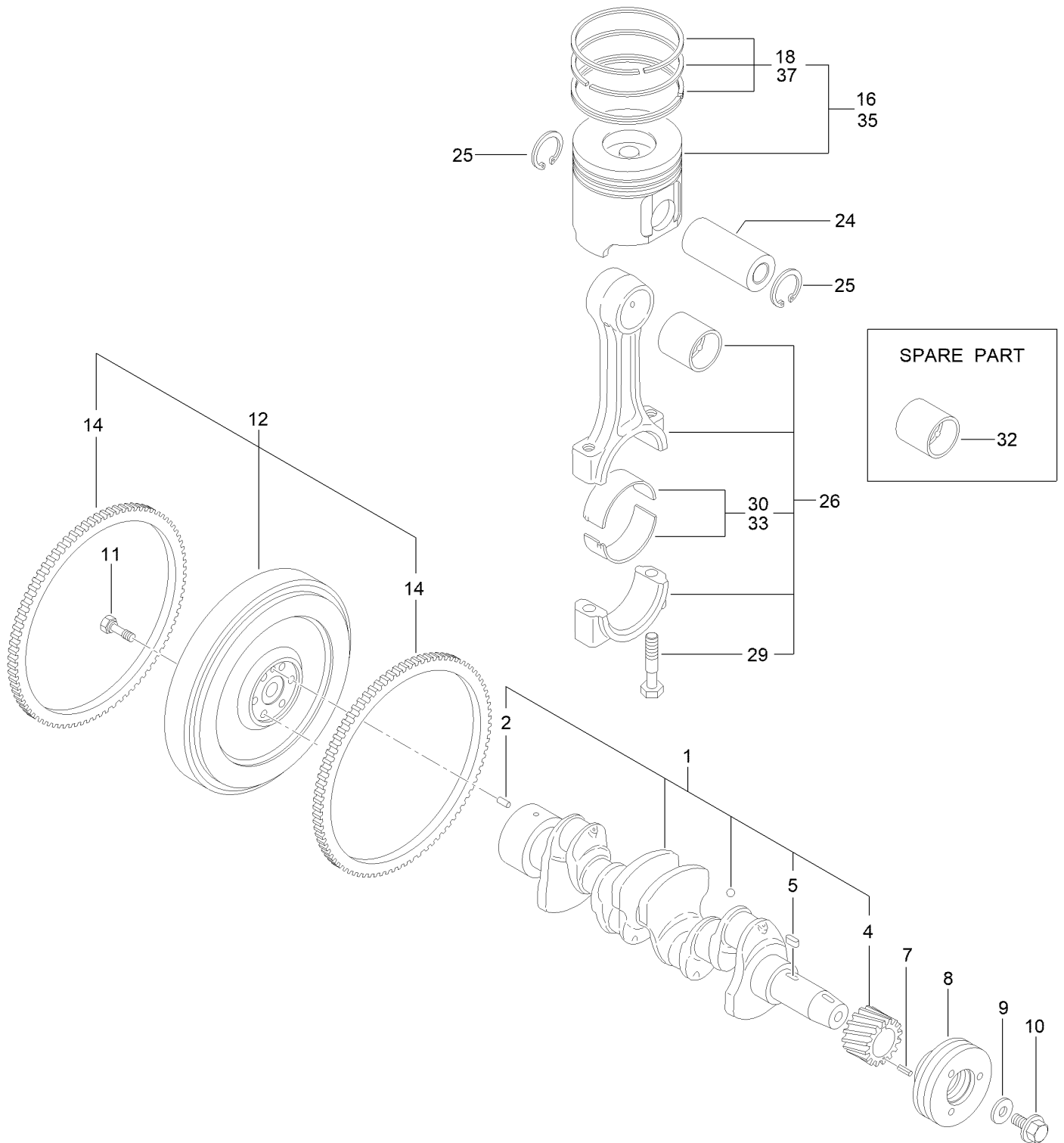
# Turbine Assembly



## Turbine 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           | 138-7836           | 1           | Turbocharger       | 3           | 125-6906           | 5           | Stud               |
| 2           | 125-7070           | 1           | Gasket             | 4           | 125-7229           | 4           | Nut                |

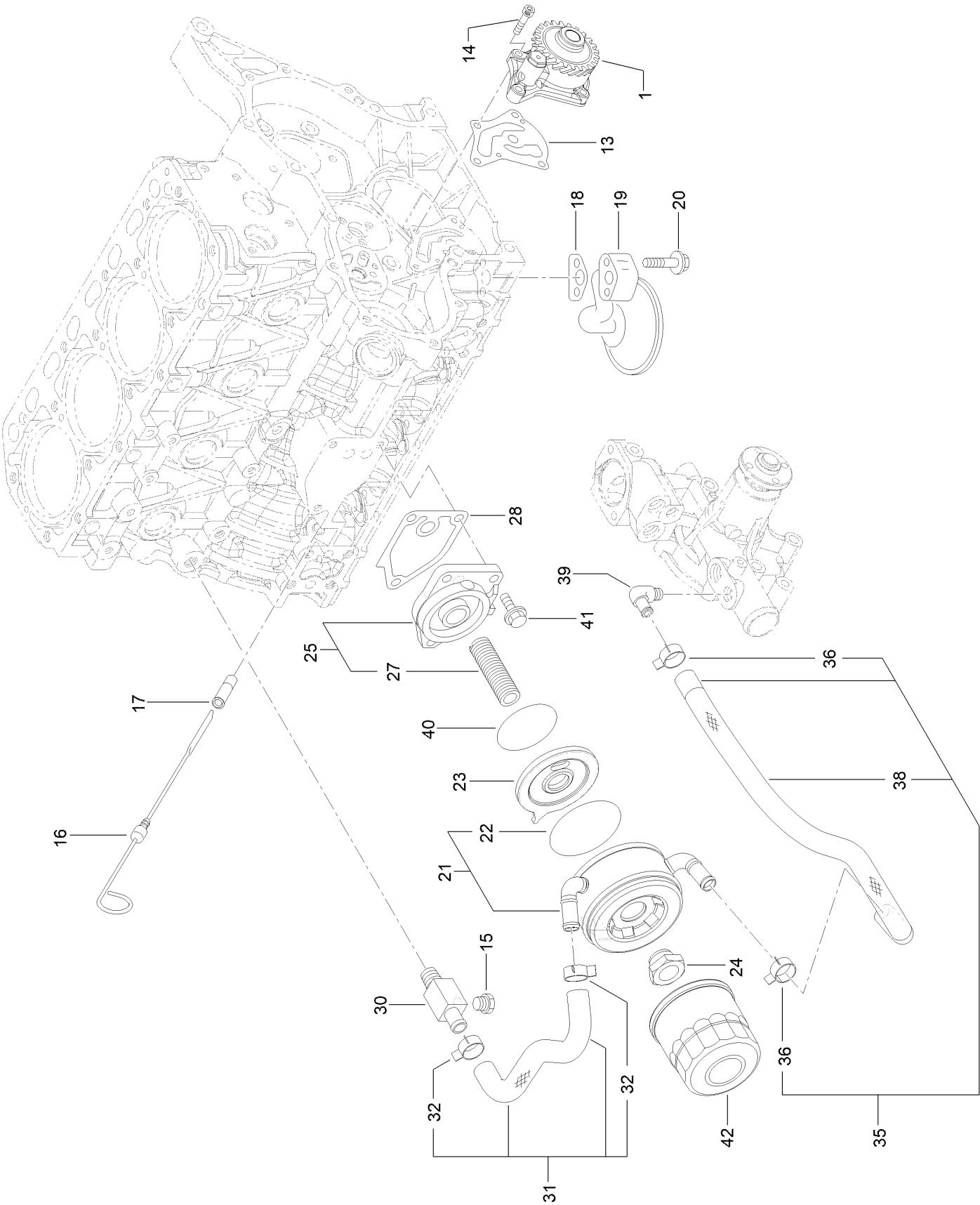
# Crankshaft and Piston Assembly



## Crankshaft and Piston Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>          |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|-----------------------------|
| 1           | 125-7091           | 1           | Crankshaft ASM     | 16          | 127-3097           | 4           | Piston ASM                  |
| 2           | 125-6995           | 1           | Pin                | 18          | 127-3098           | 4           | Piston Ring ASM             |
| 4           | 125-6937           | 1           | Gear               | 24          | 125-7030           | 4           | Pin                         |
| 5           | 125-7185           | 1           | Key                | 25          | 125-7180           | 8           | Ring                        |
| 7           | 125-7182           | 1           | Pin-Spring         | 26          | 125-7242           | 4           | Connecting Rod ASM          |
| 8           | 125-6925           | 1           | V-Pulley           | 29          | 125-6955           | 8           | Bolt                        |
| 9           | 125-7109           | 1           | Washer             | 30          | 125-7018           | 4           | Pin-Crank                   |
| 10          | 125-6956           | 1           | Bolt               | 32          | 125-6997           | 4           | Pin-Piston                  |
| 11          | 125-6951           | 6           | Bolt               | 33          | 125-7019           | 4           | Pin-Crank (.25)             |
| 12          | 127-3160           | 1           | Flywheel ASM       | 35          | 127-3099           | 4           | Piston ASM (0.25 O.S.)      |
| 14          | 125-6943           | 1           | Gear               | 37          | 127-3100           | 4           | Piston Ring ASM (0.25 O.S.) |

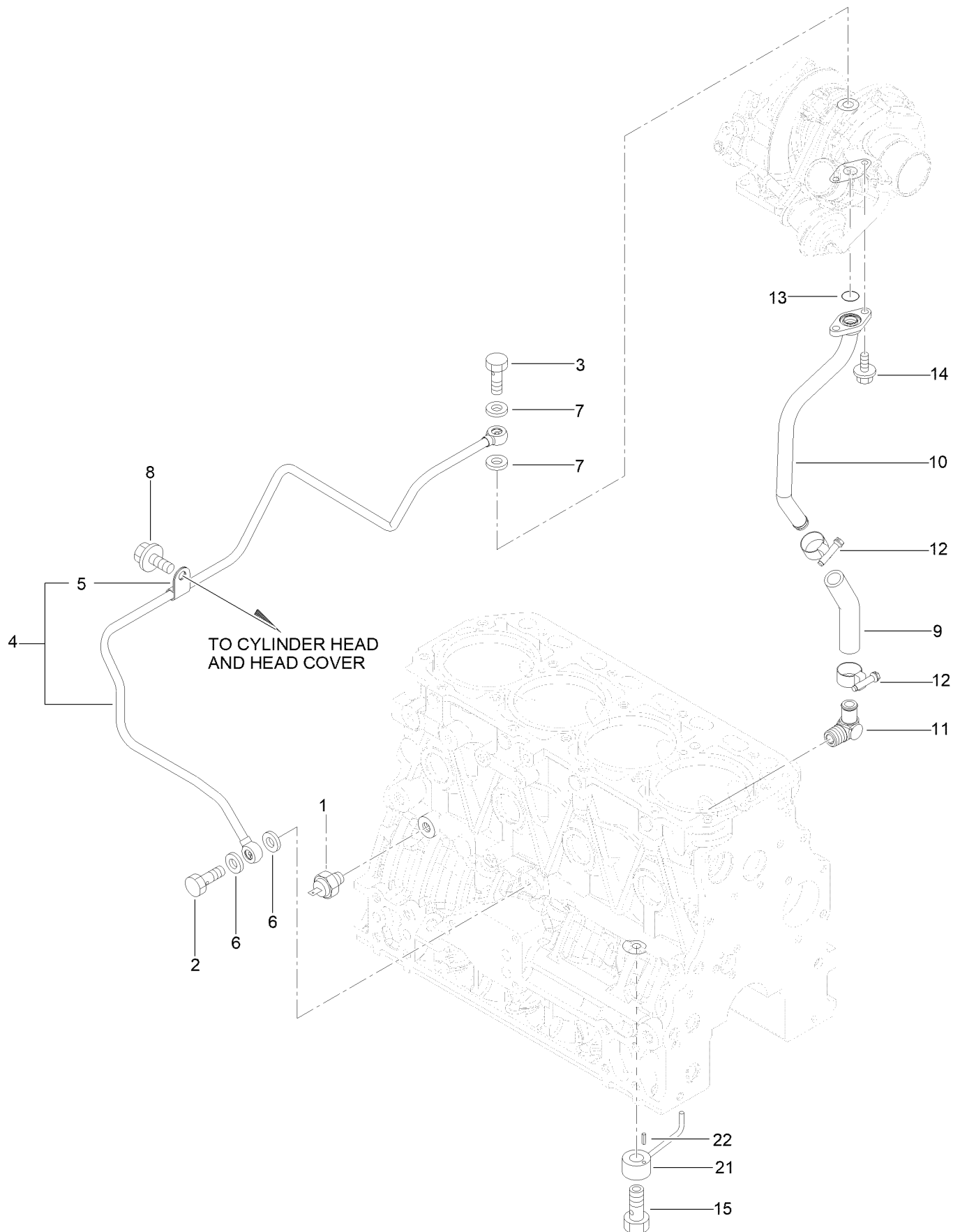
Lubrication and Oil System Assembly



## Lubrication and Oil System Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|---------------------|
| 1           | 127-3101           | 1           | Oil Lube Pump ASM  | 25          | 127-3009           | 1           | Bracket ASM         |
| 13          | 127-3004           | 1           | Gasket             | 27          | 127-3010           | 1           | Stud                |
| 14          | 125-7232           | 4           | Bolt               | 28          | 125-7024           | 1           | Gasket              |
| 15          | 125-7171           | 1           | Plug-Drain         | 30          | 125-6990           | 1           | Joint               |
| 16          | 125-6987           | 1           | Dipstick           | 31          | 127-3102           | 1           | Pipe-Cooling, Water |
| 17          | 125-6954           | 1           | Guide-Dipstick     | 32          | 125-7162           | 2           | Clip                |
| 18          | 125-7022           | 1           | Gasket             | 35          | 127-3103           | 1           | Hose-Cooling, Water |
| 19          | 125-7023           | 1           | Pipe ASM           | 36          | 125-7162           | 2           | Clip                |
| 20          | 125-7217           | 2           | Bolt               | 38          | 127-3007           | 1           | Tube                |
| 21          | 127-3014           | 1           | Cooler ASM         | 39          | 125-7001           | 1           | Elbow               |
| 22          | 127-2985           | 1           | O-Ring             | 40          | 127-3176           | 1           | O-Ring              |
| 23          | 138-7839           | 1           | Bracket, Cooler    | 41          | 125-7595           | 3           | Bolt                |
| 24          | 125-7041           | 1           | Nut-Cooler, Oil    | 42          | 125-7025           | 1           | Filter-Engine, Oil  |

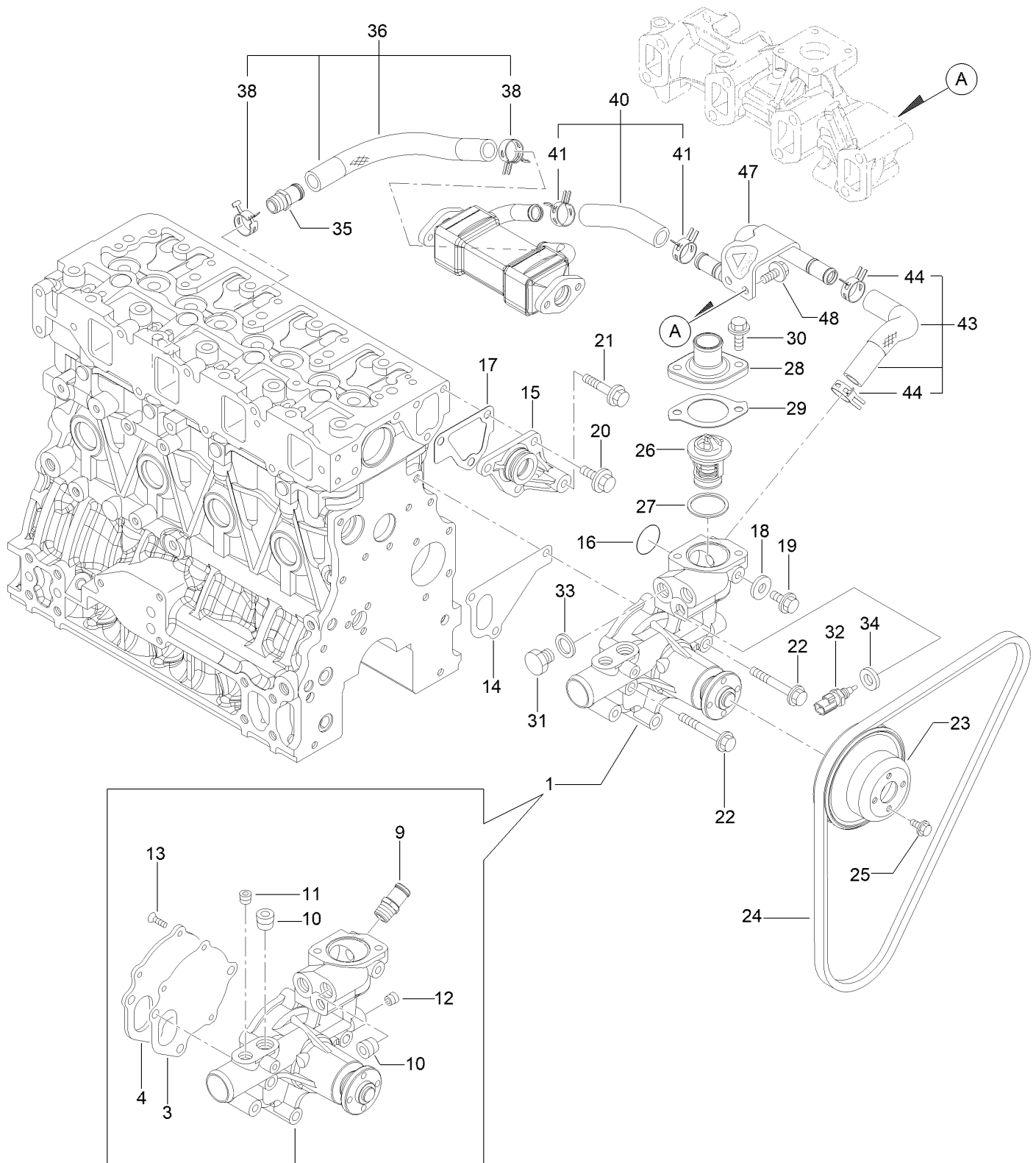
# Lubrication Oil Line Assembly



## Lubrication Oil Line Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|
| 1           | 125-6918           | 1           | Switch-Oil         | 10          | 127-3155           | 1           | Pipe-Lube, Oil     |
| 2           | 125-6975           | 1           | Bolt-Joint, Pipe   | 11          | 127-3003           | 1           | Elbow              |
| 3           | 125-6952           | 1           | Bolt-Joint, Pipe   | 12          | 127-3169           | 2           | Clamp-Hose         |
| 4           | 127-3154           | 1           | Lube Oil Pipe ASM  | 13          | 125-7198           | 1           | O-Ring             |
| 5           | 125-6976           | 1           | Retainer           | 14          | 125-7206           | 2           | Bolt               |
| 6           | 125-7175           | 2           | Washer-Seal        | 15          | 125-7105           | 4           | Check Valve ASM    |
| 7           | 125-7193           | 2           | Gasket             | 21          | 125-7098           | 4           | Nozzle             |
| 8           | 93-0362            | 1           | Bolt               | 22          | 125-7182           | 4           | Pin-Spring         |
| 9           | 127-2992           | 1           | Joint              |             |                    |             |                    |

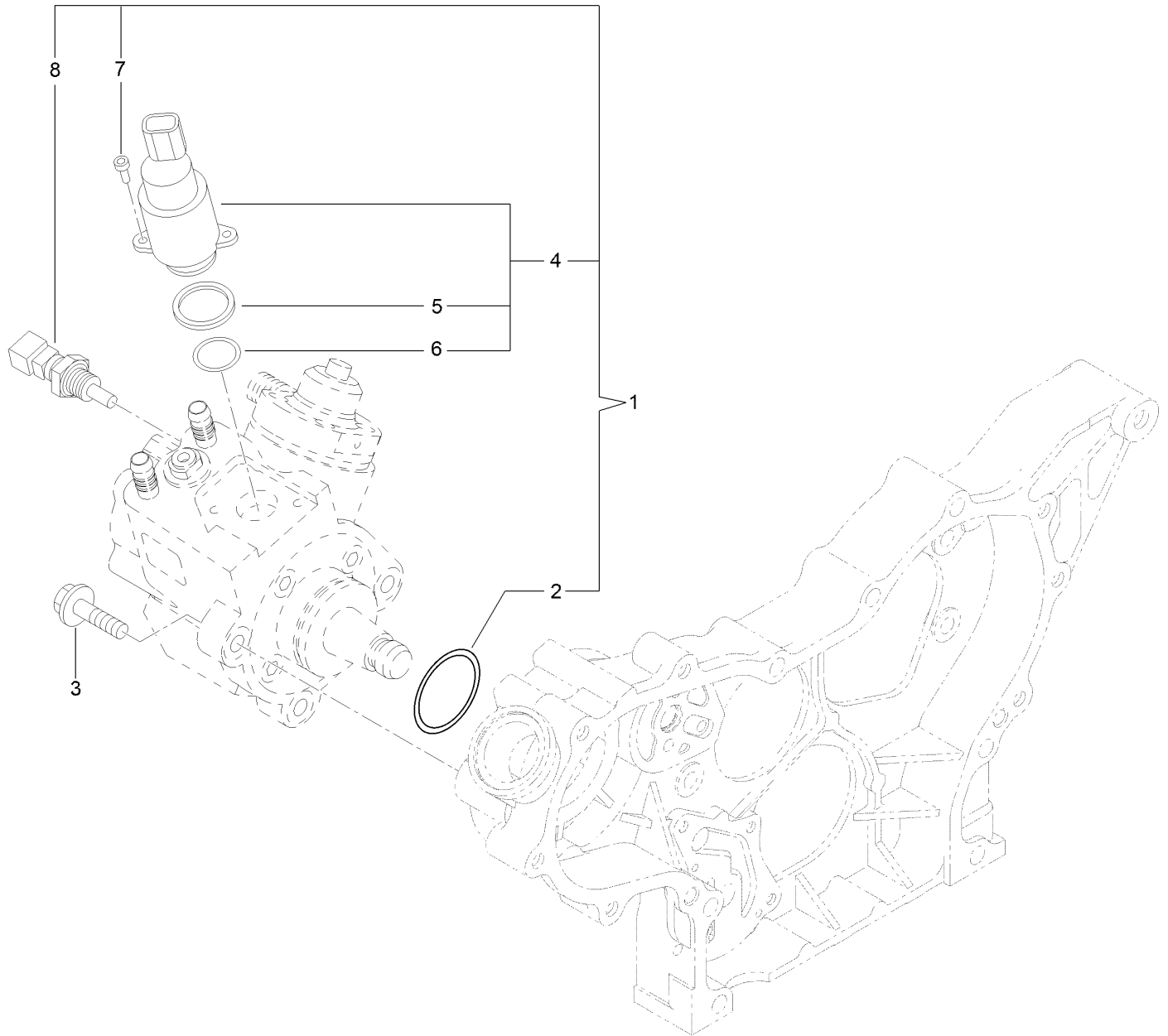
# Cooling Water System Assembly



## 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          | 125-7206           | 4           | Bolt                  |
| 3           | 125-6998           | 1           | Gasket             | 26          | 125-7029           | 1           | Thermostat            |
| 4           | 125-6999           | 1           | Plate              | 27          | 125-7026           | 1           | Gasket                |
| 9           | 127-3017           | 1           | Joint              | 28          | 125-7034           | 1           | Cover                 |
| 10          | 125-7123           | 2           | Plug               | 29          | 125-7110           | 1           | Gasket                |
| 11          | 125-7001           | 1           | Elbow              | 30          | 125-7594           | 2           | Bolt                  |
| 12          | 125-7195           | 1           | Plug               | 31          | 125-6953           | 1           | Plug                  |
| 13          | 125-7234           | 3           | Screw              | 32          | 125-7124           | 1           | Sensor-Thermostat, CW |
| 14          | 125-7047           | 1           | Gasket             | 33          | 125-6979           | 1           | Gasket                |
| 15          | 125-6986           | 1           | Joint              | 34          | 125-7176           | 1           | Washer-Seal           |
| 16          | 125-7048           | 1           | O-Ring             | 35          | 127-3017           | 1           | Joint                 |
| 17          | 125-6978           | 1           | Gasket             | 36          | 127-3072           | 1           | Water In Pipe ASM     |
| 18          | 125-7192           | 1           | Gasket             | 38          | 127-3020           | 2           | Clip-Hose             |
| 19          | 125-7212           | 1           | Bolt               | 40          | 127-3115           | 1           | Water Out Pipe ASM    |
| 20          | 125-7214           | 3           | Bolt               | 41          | 127-3020           | 2           | Clip-Hose             |
| 21          | 125-7219           | 1           | Bolt               | 43          | 127-3116           | 1           | Water Out Pipe ASM    |
| 22          | 125-7222           | 3           | Bolt               | 44          | 127-3020           | 2           | Clip-Hose             |
| 23          | 125-7039           | 1           | V-Pulley           | 47          | 138-7841           | 1           | Water Pipe ASM        |
| 24          | 139-4534           | 1           | V Belt             | 48          | 125-7214           | 2           | Bolt                  |

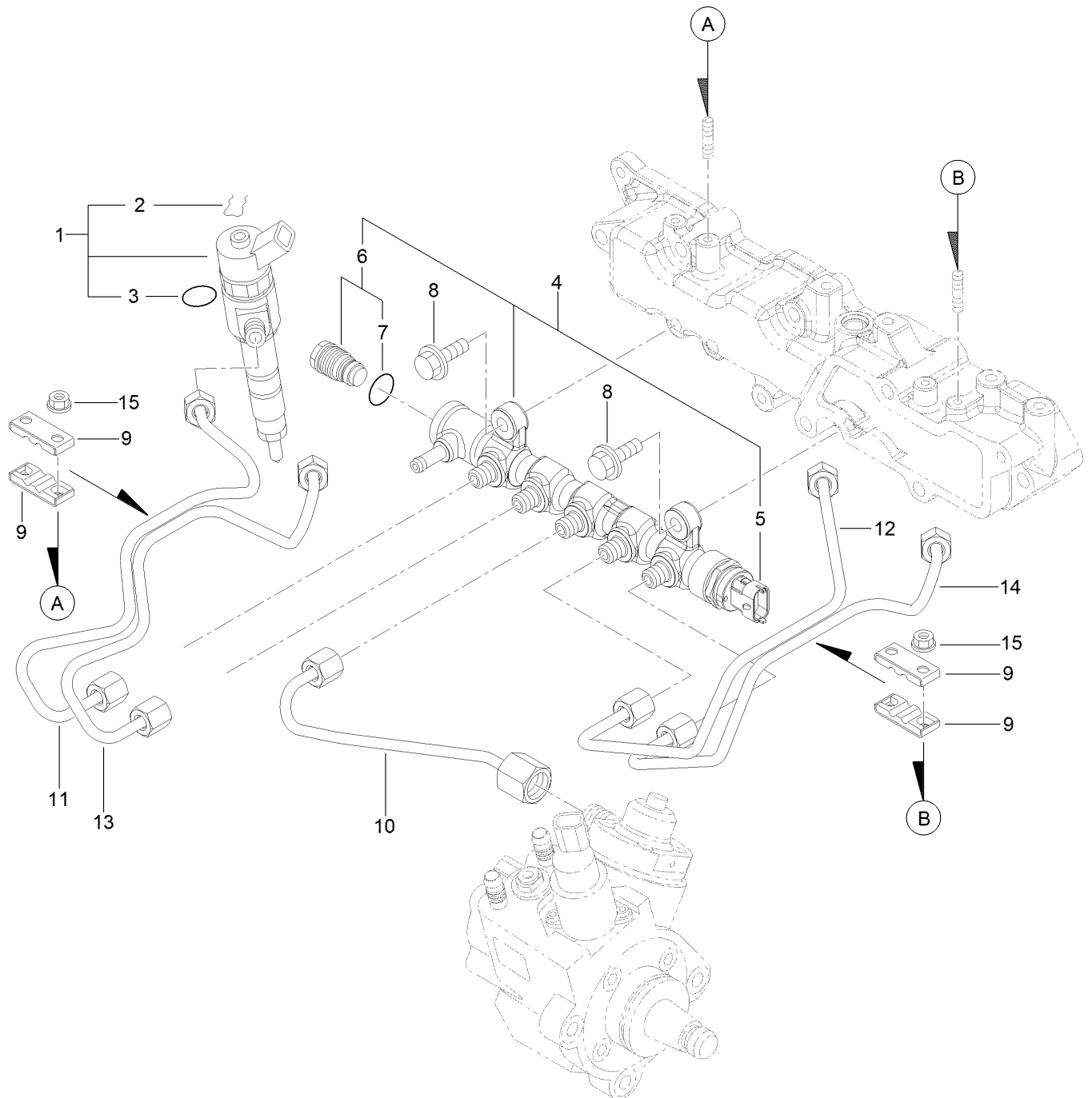
# Fuel Pump Assembly



## Fuel Pump Assembly (continued)

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

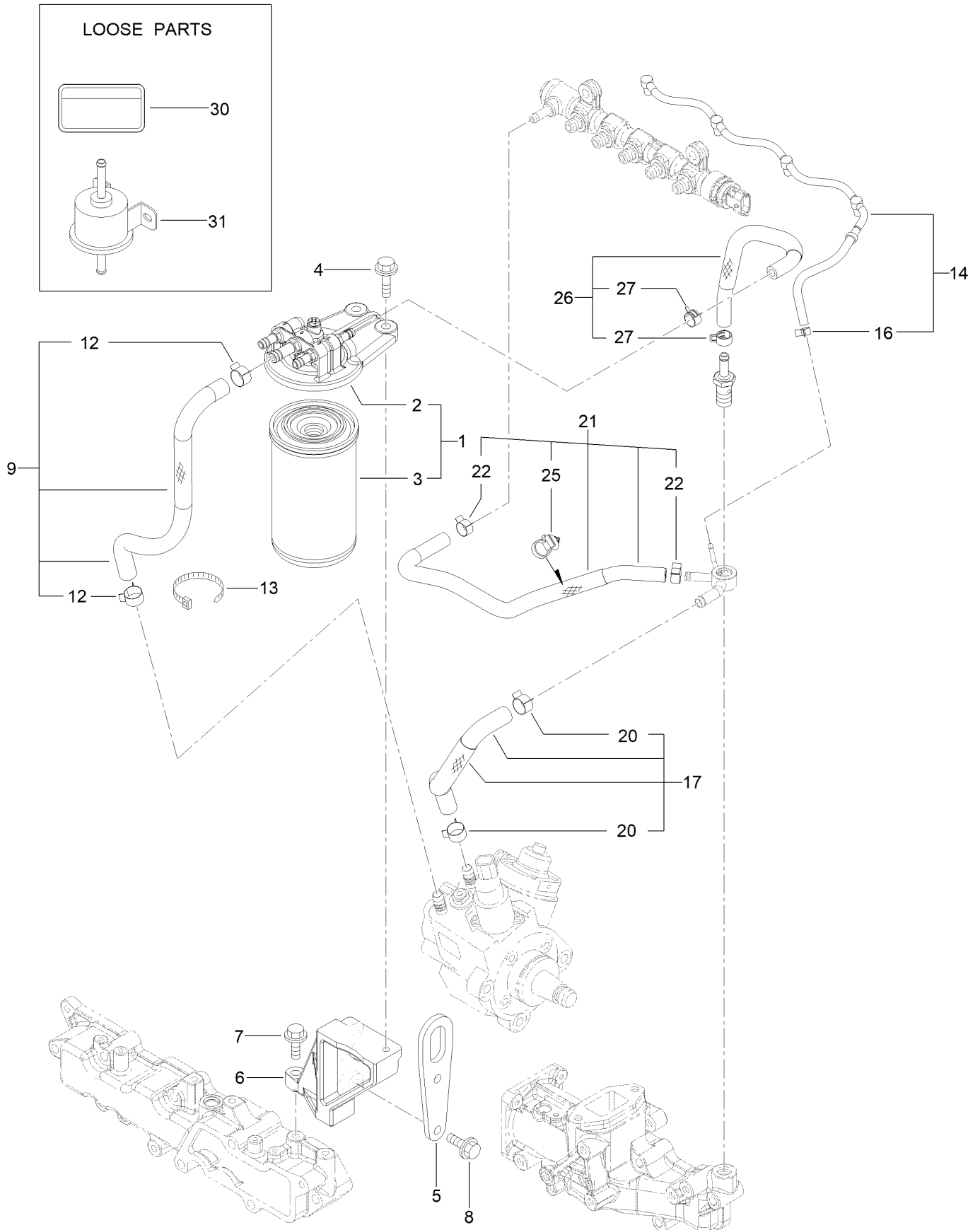
# Fuel Injection Valve Assembly



## Fuel Injection Valve Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|-----------------------|-------------|--------------------|-------------|--------------------|
| 1           | 127-3104           | 4           | Injector ASM          | 9           | 127-2982           | 4           | Retainer           |
| 2           | 130-7430           | 4           | Ring-Retaining        | 10          | 127-3082           | 1           | Rail In Pipe ASM   |
| 3           | 137-5173           | 4           | O-Ring                | 11          | 127-3121           | 1           | Injection Pipe ASM |
| 4           | 127-3118           | 1           | Rail ASM              | 12          | 127-3083           | 1           | Injection Pipe ASM |
| 5           | 131-2709           | 1           | Sensor-Pressure, Rail | 13          | 127-3122           | 1           | Injection Pipe ASM |
| 6           | 131-2710           | 1           | Valve ASM             | 14          | 127-3084           | 1           | Injection Pipe ASM |
| 7           | 131-2711           | 1           | O-Ring                | 15          | 125-7231           | 4           | Nut                |
| 8           | 125-7215           | 2           | Bolt                  |             |                    |             |                    |

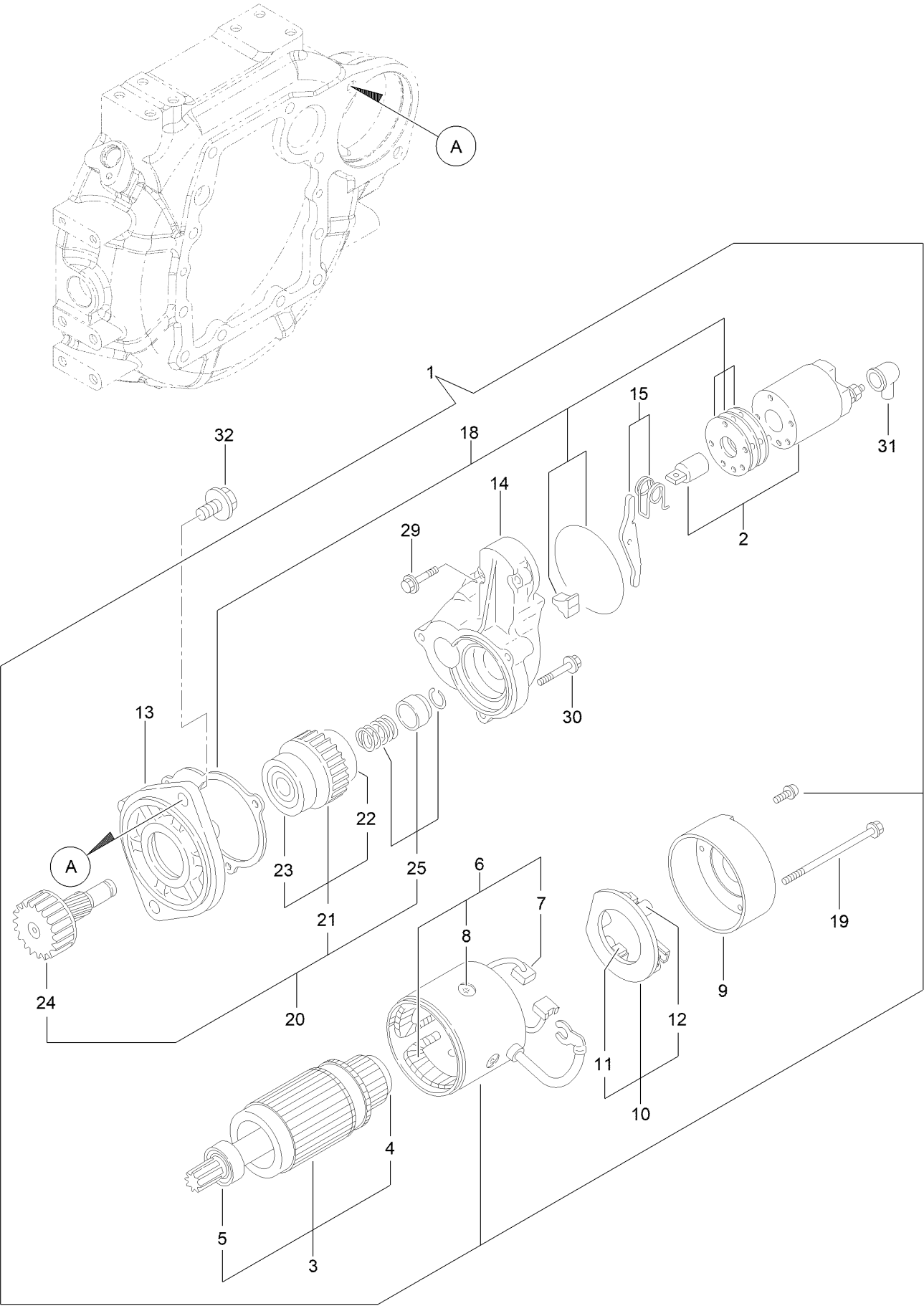
# Fuel Line Assembly



## Fuel Line Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>          | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      |
|-------------|--------------------|-------------|-----------------------------|-------------|--------------------|-------------|-------------------------|
| 1           | 139-4535           | 1           | Filter ASM                  | 14          | 138-7845           | 1           | Return Pipe ASM         |
| 2           | 127-3076           | 1           | Fuel/Oil Filter Bracket ASM | 16          | 127-3172           | 1           | Clamp-Hose              |
| 3           | 139-6017           | 1           | Filter-Fuel                 | 17          | 127-3078           | 1           | Fuel Pipe ASM           |
| 4           | 125-7216           | 2           | Bolt                        | 20          | 125-7191           | 2           | Clamp-Hose              |
| 5           | 127-3091           | 1           | Lifter-Engine               | 21          | 127-3119           | 1           | Fuel Pipe ASM           |
| 6           | 127-3105           | 1           | Stay-Bracket, Filter        | 22          | 127-2950           | 2           | Clip-Hose               |
| 7           | 125-7215           | 1           | Bolt                        | 25          | 127-3087           | 1           | Band-Clip               |
| 8           | 125-7216           | 2           | Bolt                        | 26          | 127-3079           | 1           | Fuel Pipe ASM           |
| 9           | 127-3077           | 1           | Fuel Pipe ASM               | 27          | 127-2950           | 2           | Clip-Hose               |
| 12          | 125-7191           | 2           | Clamp-Hose                  | 30          | 125-6900           | 1           | Label-Caution, Fuel Oil |
| 13          | 127-2981           | 1           | Band                        | 31          | 127-3008           | 1           | Fuel Feed Pump ASM      |

# Starting Motor Assembly

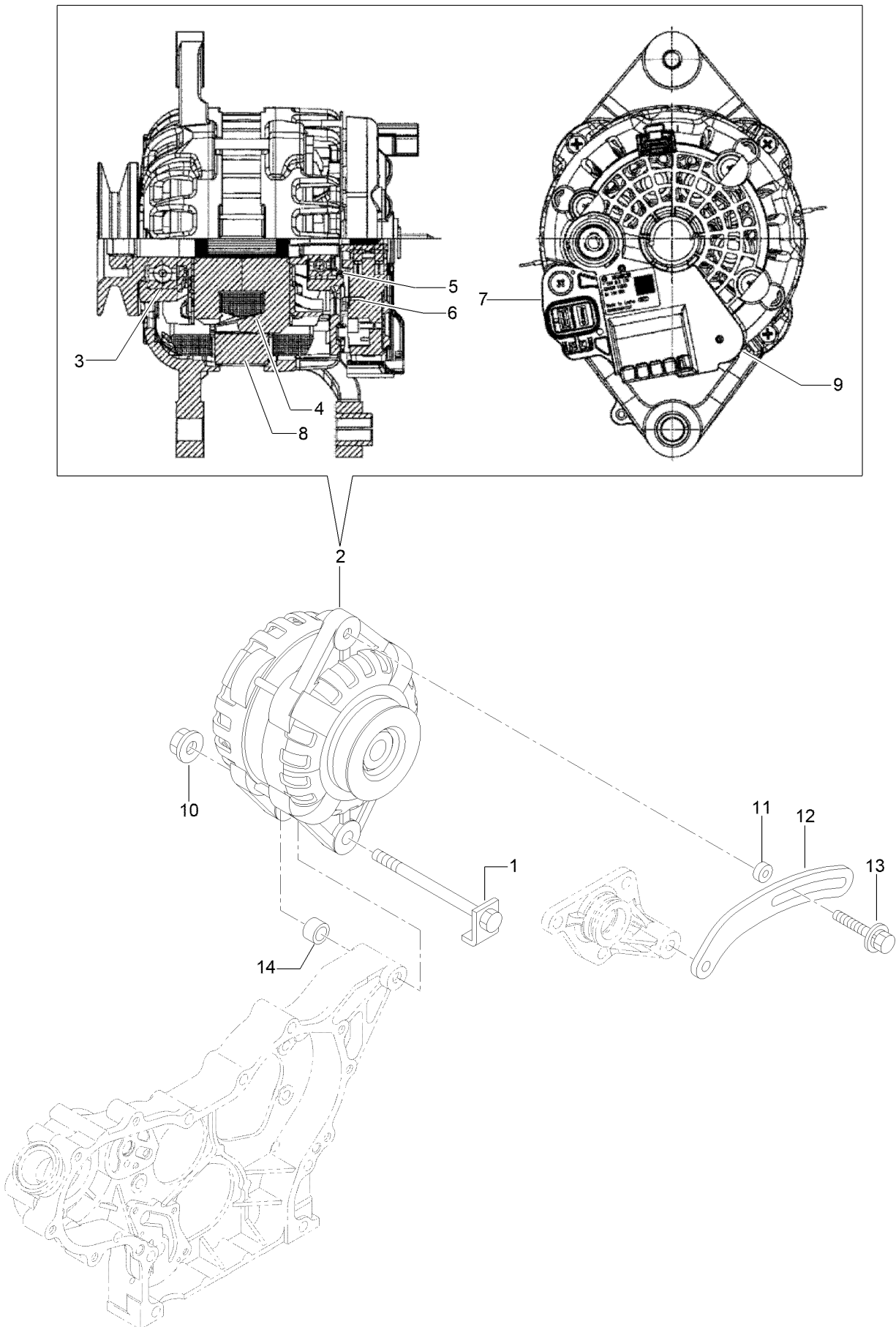


## Starting Motor Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 125-7003           | 1           | Starter            |
| 2           | 125-7004           | 1           | Switch ASM         |
| 3           | 125-7112           | 1           | Armature ASM       |
| 4           | 138-7846           | 1           | Bearing-Ball       |
| 5           | 138-7847           | 1           | Bearing-Ball       |
| 6           | 125-7113           | 1           | Field Coil ASM     |
| 7           | 125-7114           | 2           | Brush              |
| 8           | 138-7848           | 4           | Screw-Set          |
| 9           | 125-7115           | 1           | Cover              |
| 10          | 125-7116           | 1           | Brush Holder ASM   |
| 11          | 138-7849           | 2           | Brush              |
| 12          | 125-7036           | 4           | Spring             |
| 13          | 125-7164           | 1           | Case-Gear          |
| 14          | 125-7005           | 1           | Housing            |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 15          | 125-7165           | 1           | Lever Set          |
| 18          | 125-7037           | 1           | Dust Cover ASM     |
| 19          | 125-7117           | 2           | Bolt-Through       |
| 20          | 125-7166           | 1           | Pinion ASM         |
| 21          | 125-7250           | 1           | Clutch ASM         |
| 22          | 125-7251           | 1           | Bearing-Ball       |
| 23          | 139-4536           | 1           | Bearing-Ball       |
| 24          | 125-7167           | 1           | Shaft              |
| 25          | 125-7168           | 1           | Stopper Set        |
| 29          | 125-7210           | 2           | Bolt               |
| 30          | 125-7211           | 3           | Bolt               |
| 31          | 125-7169           | 1           | Cover              |
| 32          | 125-7225           | 2           | Bolt               |

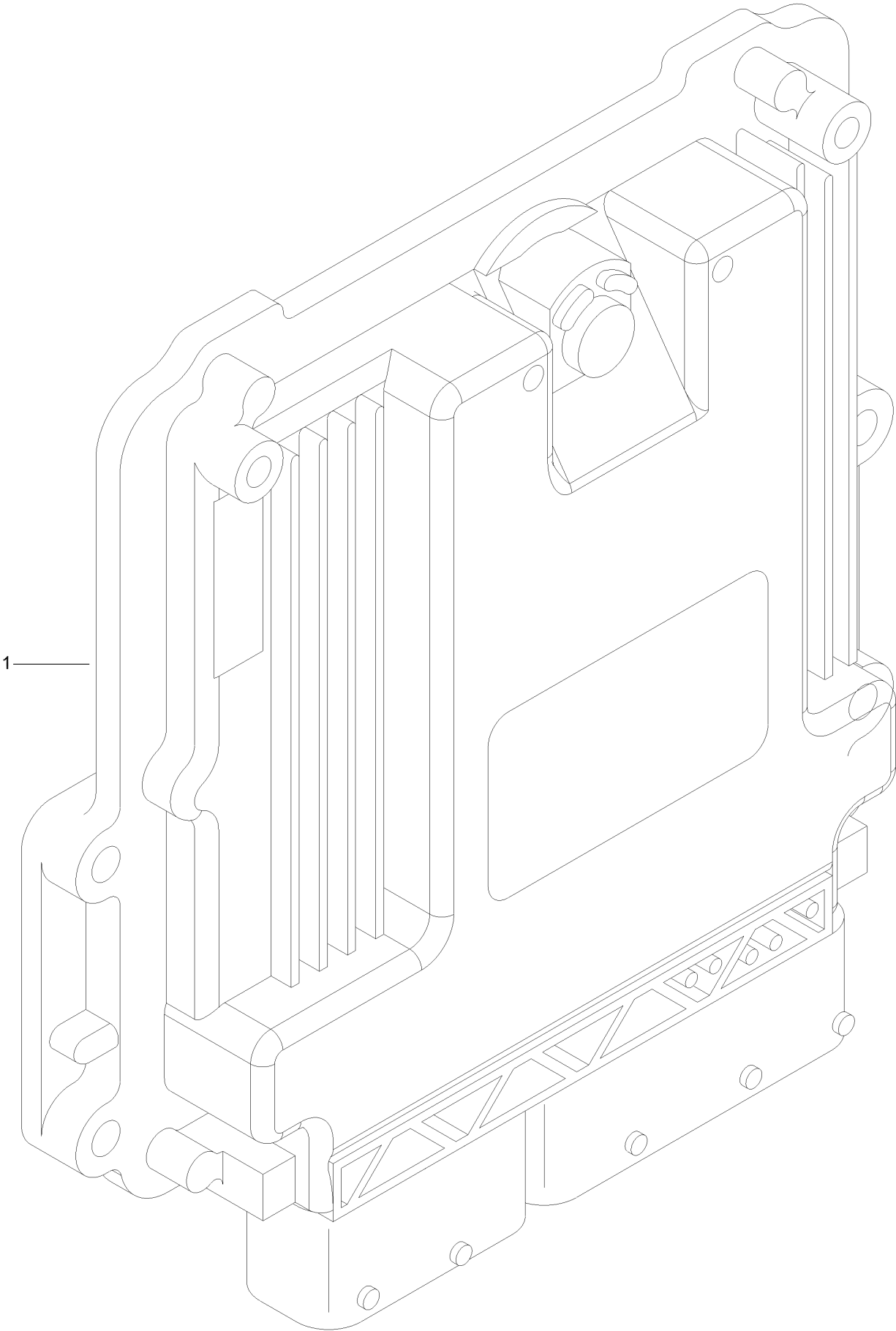
# Generator Assembly



## Generator Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|
| 1           | 125-7121           | 1           | Bolt-Stopper       | 8           | 139-4542           | 1           | Stator             |
| 2           | 125-7120           | 1           | Alternator-12V     | 9           | 139-4543           | 1           | Protector          |
| 3           | 139-4537           | 1           | Bearing-Ball, Fr   | 10          | 125-7230           | 1           | Nut                |
| 4           | 139-4538           | 1           | Rotor              | 11          | 138-7852           | 1           | Spacer-Alternator  |
| 5           | 139-4539           | 1           | Bearing-Ball, Rr   | 12          | 138-7853           | 1           | Adjuster-Belt      |
| 6           | 139-4540           | 1           | Rectifier          | 13          | 135-4027           | 1           | Bolt-Adjust        |
| 7           | 139-4541           | 1           | Regulator          | 14          | 138-7851           | 1           | Piece-Distance     |

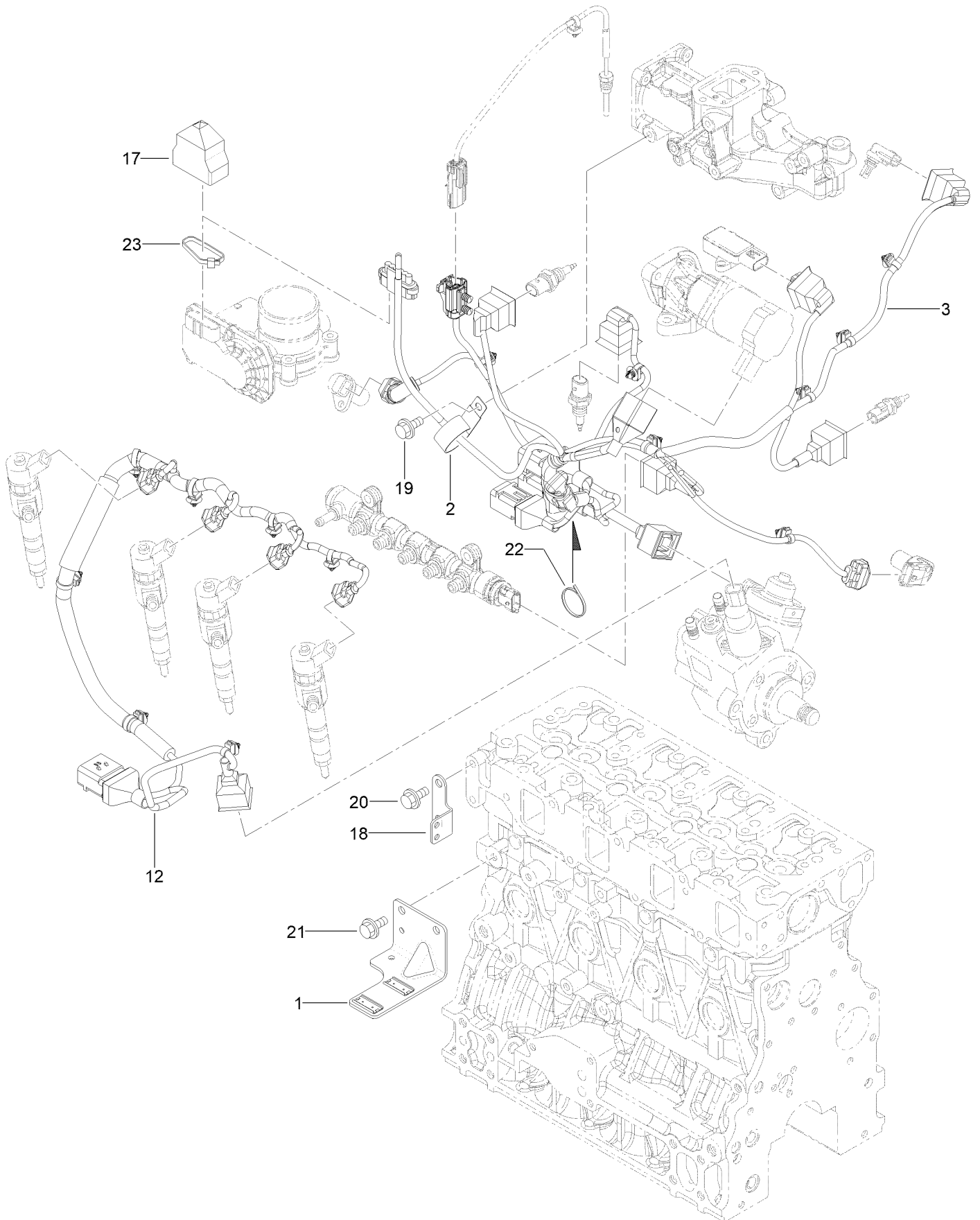
# Electronic Control Unit Assembly



## Electronic Control Unit Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      |
|-------------|--------------------|-------------|-------------------------|
| 1           | 121-5592           | 1           | Electronic Control Unit |

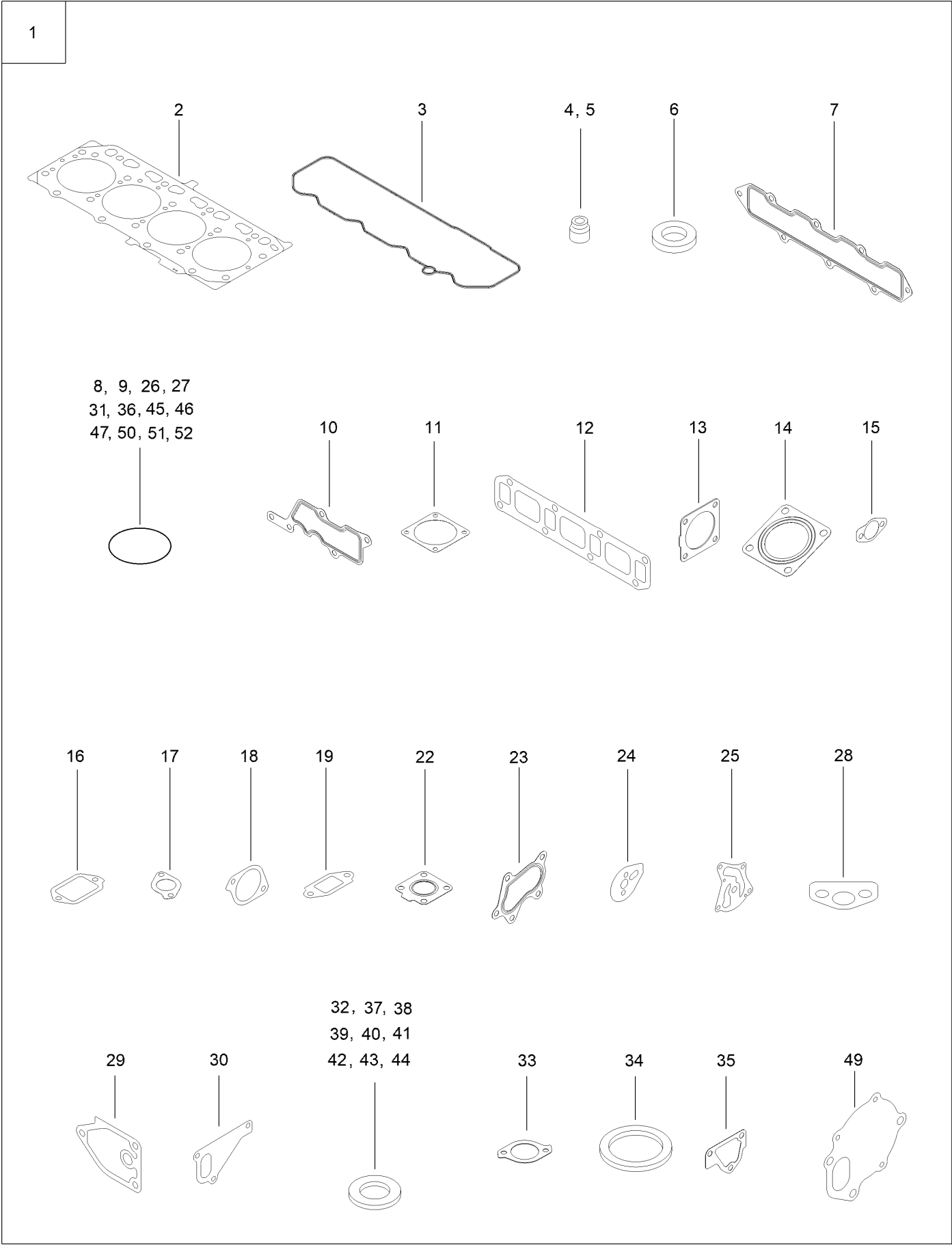
# Electric Parts Assembly



## Electric Parts Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|
| 1           | 127-3086           | 1           | Bracket-Connector  | 19          | 125-7212           | 1           | Bolt               |
| 2           | 127-3018           | 1           | Clip               | 20          | 125-7212           | 2           | Bolt               |
| 3           | 138-7855           | 1           | Harness B          | 21          | 125-7212           | 2           | Bolt               |
| 12          | 127-3125           | 1           | Harness C          | 22          | 127-3187           | 1           | Band               |
| 17          | 131-2713           | 1           | Boot-Cap           | 23          | 127-3188           | 1           | Band               |
| 18          | 127-3090           | 1           | Bracket-Harness    |             |                    |             |                    |

Gasket Set



## Gasket Set (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>         | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|----------------------------|-------------|--------------------|-------------|--------------------|
| 1           | 127-3189           | 1           | Gasket Kit                 | 28          | 125-7022           | 1           | Gasket             |
| 2           | 127-3126           | 1           | Gasket-Head, Cylinder      | 29          | 125-7024           | 1           | Gasket             |
| 3           | 127-3106           | 1           | Gasket-Cover               | 30          | 125-7047           | 1           | Gasket             |
| 4           | 127-2986           | 4           | Seal-Stem, Valve           | 31          | 125-7048           | 1           | O-Ring             |
| 5           | 127-3027           | 4           | Seal-Stem, Valve           | 32          | 125-6979           | 1           | Gasket             |
| 6           | 127-3021           | 4           | Gasket-Injector            | 33          | 125-7110           | 1           | Gasket             |
| 7           | 127-3107           | 1           | Gasket-Manifold, Intake    | 34          | 125-7026           | 1           | Gasket             |
| 8           | 127-3032           | 2           | O Ring-Sensor, Pressure    | 35          | 125-6978           | 1           | Gasket             |
| 9           | 127-3033           | 1           | O-Ring                     | 36          | 127-3074           | 1           | O-Ring             |
| 10          | 127-3034           | 1           | Gasket-Collector           | 37          | 125-7174           | 1           | Washer-Seal        |
| 11          | 127-3037           | 2           | Gasket-Throttle            | 38          | 125-7175           | 2           | Washer-Seal        |
| 12          | 127-3108           | 1           | Gasket-Manifold, Exhaust   | 39          | 125-7176           | 1           | Washer-Seal        |
| 13          | 127-3019           | 1           | Gasket                     | 40          | 127-3166           | 2           | Washer-Seal        |
| 14          | 127-2987           | 1           | Gasket-Silencer            | 41          | 125-7177           | 1           | Washer-Seal        |
| 15          | 127-3043           | 2           | Gasket-Cooler, E G R       | 42          | 125-7192           | 1           | Gasket             |
| 16          | 127-3046           | 1           | Gasket-E G R               | 43          | 125-7193           | 2           | Gasket             |
| 17          | 127-3016           | 1           | Gasket                     | 44          | 127-3174           | 2           | Gasket             |
| 18          | 127-3050           | 1           | Gasket-Intake Valve, E G R | 45          | 93-0418            | 3           | O-Ring             |
| 19          | 127-3051           | 1           | Gasket-Out Valve, E G R    | 46          | 125-7197           | 1           | O-Ring             |
| 22          | 125-7070           | 1           | Gasket                     | 47          | 125-7198           | 1           | O-Ring             |
| 23          | 125-7071           | 1           | Gasket                     | 49          | 125-6998           | 1           | Gasket             |
| 24          | 127-3069           | 1           | Gasket-Idle, Shaft B       | 50          | 127-2985           | 1           | O-Ring             |
| 25          | 127-3004           | 1           | Gasket                     | 51          | 131-2106           | 1           | O-Ring             |
| 26          | 125-6909           | 2           | O-Ring                     | 52          | 130-7433           | 1           | O-Ring             |
| 27          | 127-2973           | 1           | O-Ring                     |             |                    |             |                    |

# Attachments and Accessories

## For 30609 — Groundsmaster 4000 Rotary Mower

| Product Name                                              | Model/Part  |
|-----------------------------------------------------------|-------------|
| CE Kit .....                                              | 30453       |
| 8in Foam Filled Wheel ASM .....                           | 93-5974     |
| Large Seat Cover.....                                     | 120-5179    |
| Vinyl Backrest Extension Kit .....                        | 119-7718    |
| PX Hydraulic Fluid (55 Gal).....                          | 133-8087    |
| PX Hydraulic Fluid (5 Gal) .....                          | 133-8086    |
| Premium Engine Oil 10w30 (55 Gallon Drum) .....           | 121-6392    |
| Guardian Recycler Conversion Kit.....                     | 30420       |
| Premium Engine Oil 10w30 (5 Gallon Pail) .....            | 121-6393    |
| Leaf Mulcher Kit.....                                     | 30422       |
| Right Hand Replacement Mower .....                        | 30476       |
| Left-Hand Replacement Mower .....                         | 30477       |
| Front Deck .....                                          | 30479       |
| Atomic Blade Service Pack (7 Pack).....                   | 108-1450    |
| Atomic Blade (21.75in) .....                              | 107-0214-03 |
| Flat Blade Service Pack (7 Pack).....                     | 110-6130    |
| Flat Sail Blade (21.75in).....                            | 110-6115-03 |
| MVP Blade Kit.....                                        | 117-2722    |
| Blade (21.75in) .....                                     | 92-5608-03  |
| Bumper Weight Assembly .....                              | 161-1785    |
| 1000 Hour Mvp Kit-Tier IV.....                            | 44967       |
| 8in Semi-Pneumatic Wheel ASM .....                        | 137-5529    |
| Beacon Kit .....                                          | 30661       |
| White Universal Sunshade .....                            | 30669       |
| Wrench-Caster Cap/Latch .....                             | 138-6367    |
| Red Universal Sunshade .....                              | 30671       |
| Horn Kit.....                                             | 31511       |
| Backup Alarm Kit .....                                    | 31512       |
| Roller Assembly.....                                      | 132-6113    |
| Pivot Caster Scraper Kit.....                             | 132-6114    |
| Slope Sensor Kit.....                                     | 31252       |
| Skid Plate Kit .....                                      | 136-4360    |
| 4WD Manual Override Kit .....                             | 31522       |
| Light Adapter Kit .....                                   | 30691       |
| High Traction Tire (20x10-10) .....                       | 136-4440    |
| Premium Engine Oil 15w40 (55 Gallon Drum) .....           | 121-6394    |
| Premium Engine Oil 15w40 (5 Gallon Pail) .....            | 121-6395    |
| Blade-Rotary, Medium Sail .....                           | 136-4370-03 |
| MVP Blade Kit.....                                        | 137-5500    |
| Fuel Kit .....                                            | 139-1000    |
| MVP Hydraulic Deck Hose Kit .....                         | 44975       |
| NA Light Kit, Groundsmaster 4000 Series Rotary Mower..... | 31693       |

**Notes:**



**Count on it.**