



**Count on it.**

# Parts Catalog

## **Greensmaster® 3400 TriFlex® Traction Unit**

Model No. 04520—Serial No. 401247554 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.

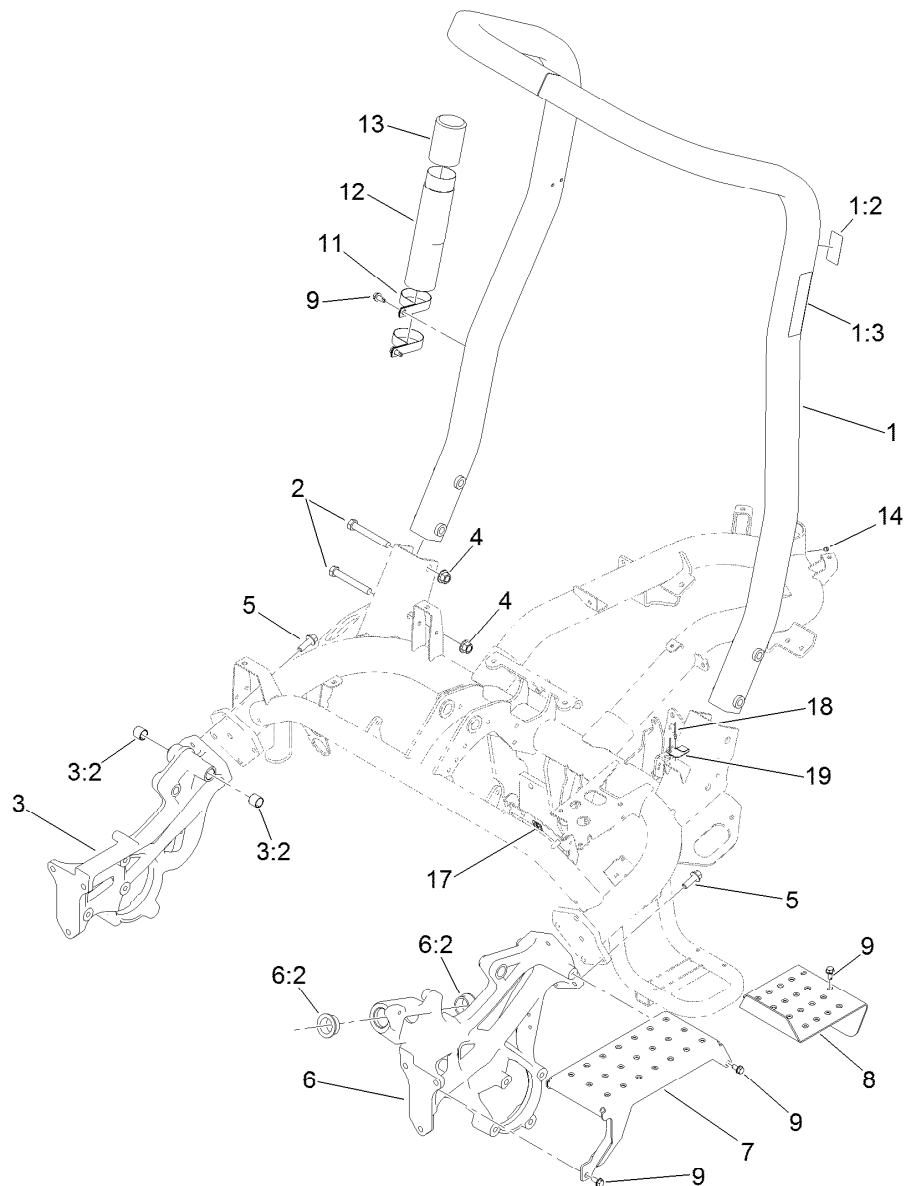
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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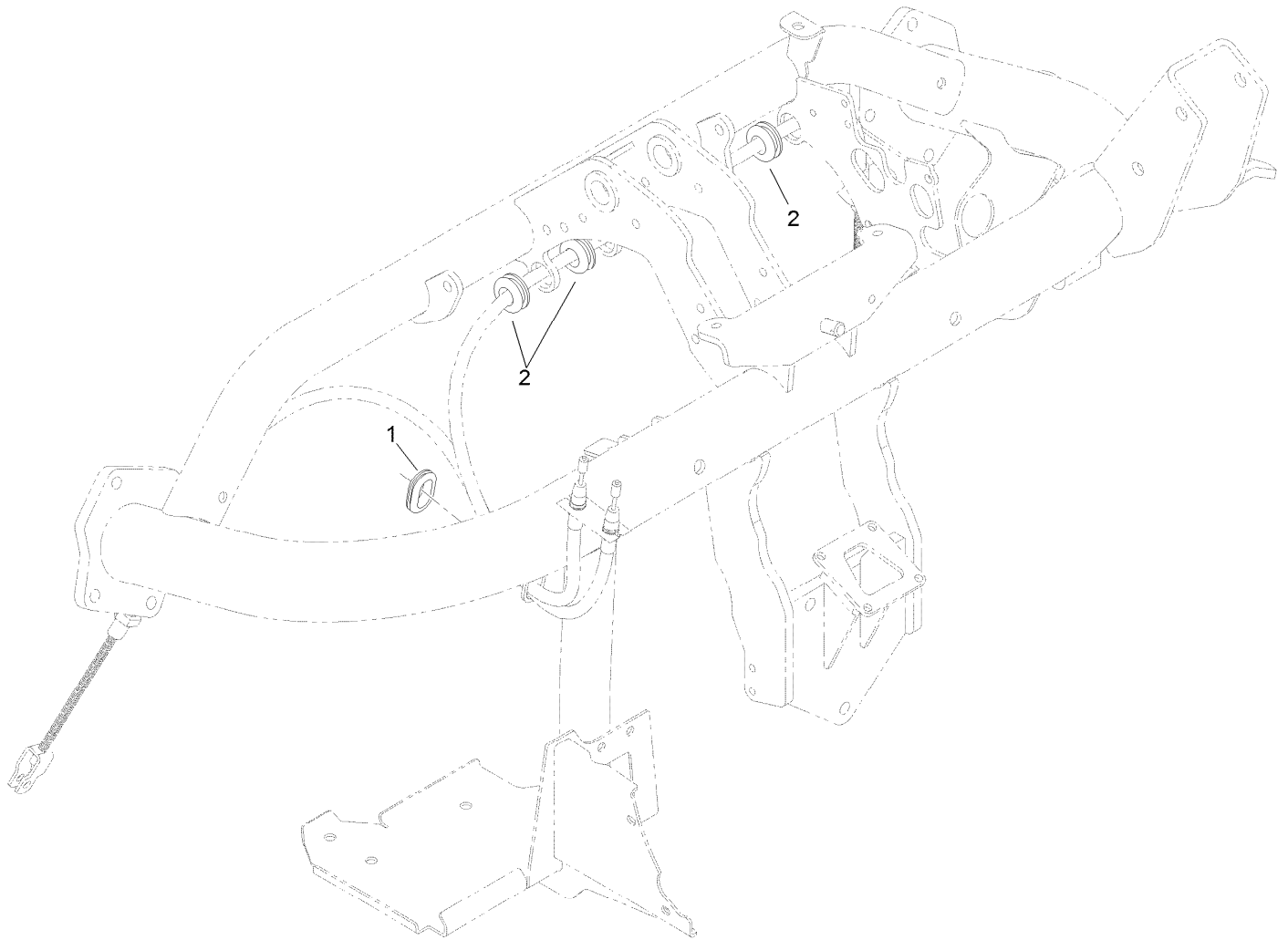
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## Roll-Over Protection System Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 115-8206    | 1    | ROPS ASM         |
| 1:2  | 115-8199    | 1    | Decal-ROPS       |
| 1:3  | 115-8226    | 1    | Decal-ROPS       |
| 2    | 325-35      | 4    | Screw-HH         |
| 3    | 117-9023    | 1    | Casting-Side, RH |
| 3:2  | 94-9609     | 2    | Bushing-Straight |
| 4    | 99-5107     | 4    | Nut-HF Nylock    |
| 5    | 117-9035    | 8    | Screw-HHF        |
| 6    | 117-9022    | 1    | Casting-Side, LH |
| 6:2  | 60-0080     | 2    | Bushing          |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 7    | 117-9051-01 | 1    | Step                  |
| 8    | 119-4468-01 | 1    | Plate-Step            |
| 9    | 32104-32    | 9    | Screw-HWH             |
| 11   | 2412-133    | 2    | Clamp-R               |
| 12   | 104-7050    | 1    | Tube-Manual           |
| 13   | 104-7048    | 1    | Cap-Housing           |
| 14   | 302-59      | 1    | Plug-EXT Hex Spl      |
| 17   | 119-1730    | 1    | Receptacle-Clip, Mini |
| 18   | 3269-32     | 2    | Rivet-Pop             |
| 19   | 121-5865    | 1    | Clip-Cover, Back      |



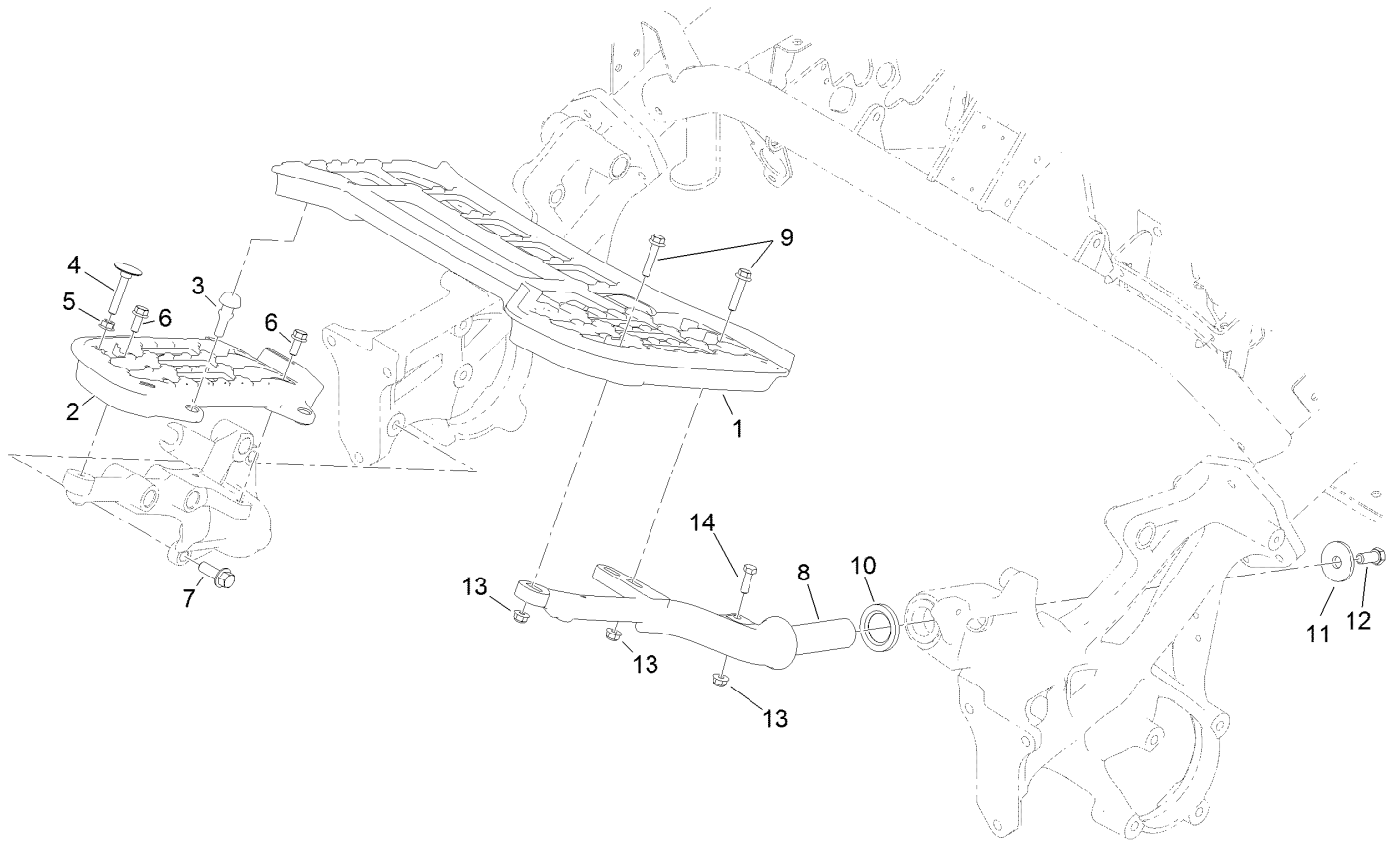
## Brake Cable Grommet Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 240-5              | 1           | Grommet            |
| 2           | 98-8529            | 3           | Grommet            |



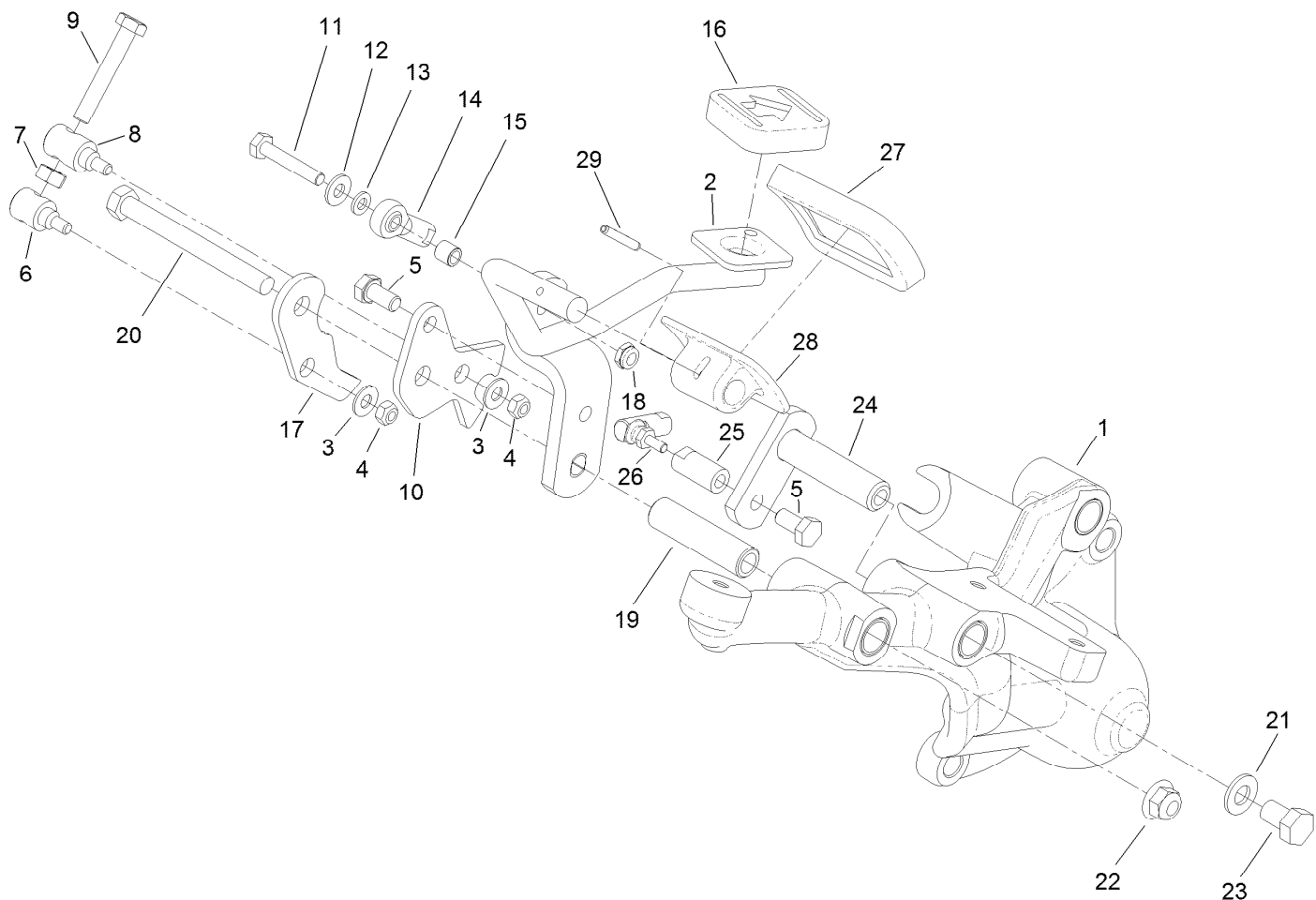
## Frame Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 323-14      | 1    | Screw-HH            |
| 2    | 131-1821    | 1    | Mount-Engine        |
| 3    | 119-2134-01 | 1    | Bracket-Mount, Rear |
| 4    | 323-20      | 2    | Screw-HH            |
| 5    | 322-4       | 4    | Screw-HH            |
| 6    | 121-9076    | 2    | Mount-Engine        |
| 7    | 110-4631    | 2    | Tube-Spacer         |
| 8    | 104-8300    | 4    | Nut-HF, NI          |
| 9    | 87-5100     | 3    | Washer-Snubbing     |
| 10   | 104-8301    | 6    | Nut-HF, NI          |
| 11   | 323-7       | 3    | Screw-HH            |
| 12   | 133-8900-01 | 1    | Frame               |
| 13   | 119-9347    | 1    | Decal               |



## Platform Assembly

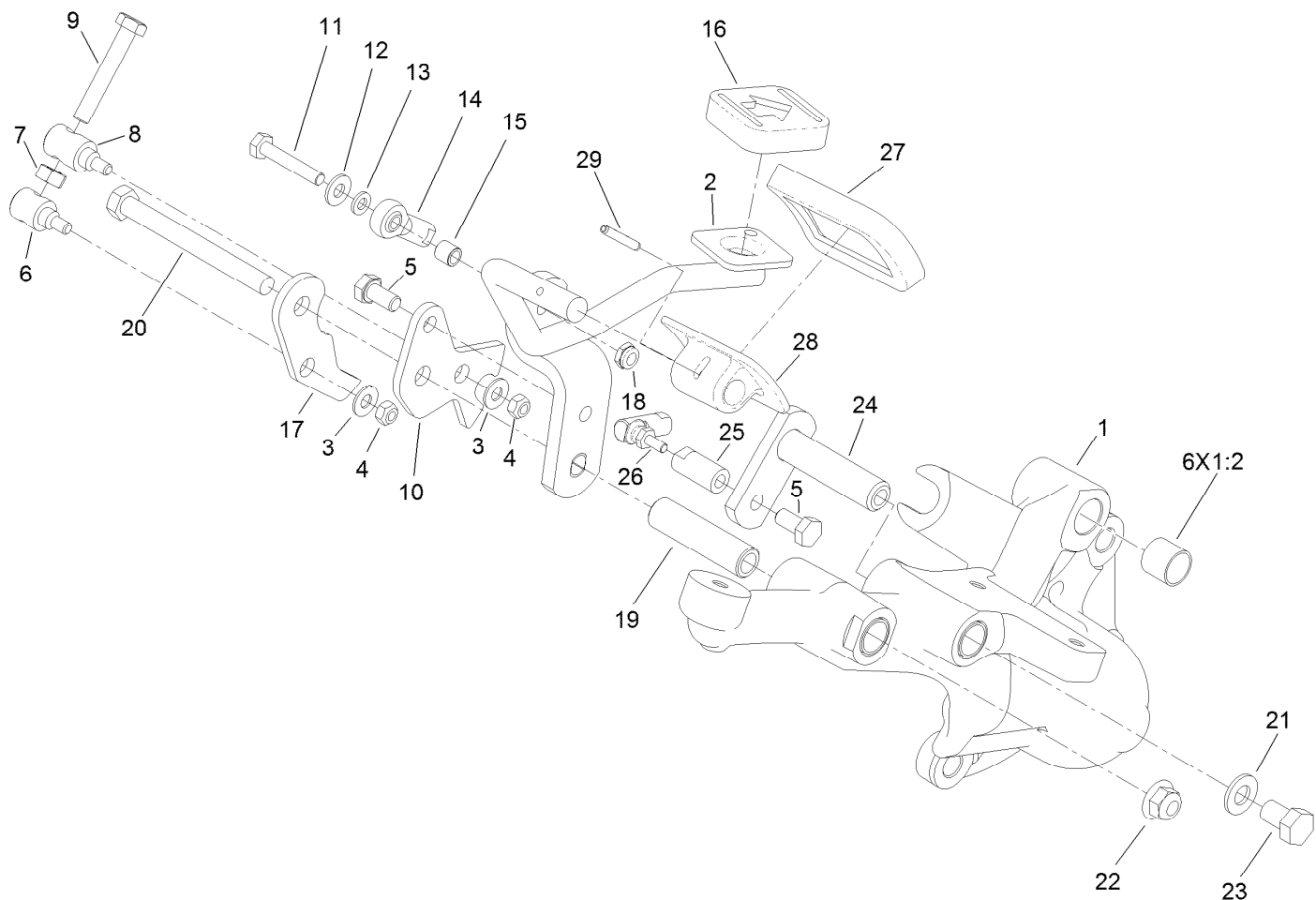
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 117-9009    | 1    | Platform-LH          |
| 2    | 117-9008    | 1    | Platform-RH          |
| 3    | 117-9072    | 2    | Bumper-Rubber        |
| 4    | 115-8240    | 1    | Screw-Elevator       |
| 5    | 32128-20    | 1    | Nut-HF               |
| 6    | 3234-47     | 3    | Screw-HHF            |
| 7    | 117-9035    | 3    | Screw-HHF            |
| 8    | 117-9006-01 | 1    | Support-Platform, LH |
| 9    | 115-1794    | 3    | Screw-HHF            |
| 10   | 94-8946     | 1    | Washer-Thrust        |
| 11   | 84-1560     | 1    | Washer-Thrust        |
| 12   | 324-4       | 1    | Screw-HH             |
| 13   | 104-8300    | 4    | Nut-HF, NI           |
| 14   | 322-5       | 1    | Screw-HH             |



## Right Hand Support Platform Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 133-2313    | 1    | Support-Platform, RH   |
| 2    | 119-1725-01 | 1    | Rod-Traction           |
| 3    | 3256-1      | 2    | Washer-Flat            |
| 4    | 33023-00    | 2    | Nut-Lock               |
| 5    | 33114-016   | 2    | Screw-HH               |
| 6    | 94-1374     | 1    | Trunnion-Bracket, Mow  |
| 7    | 33014-00    | 1    | Nut-Hex                |
| 8    | 94-1375     | 1    | Trunnion-Bracket, Lock |
| 9    | 94-3489     | 1    | Screw-HH               |
| 10   | 117-9021    | 1    | Bracket-Lock           |
| 11   | 321-9       | 1    | Screw-HH               |
| 12   | 3256-22     | 1    | Washer-Flat            |
| 13   | 33093-00    | 1    | Washer-Flat            |
| 14   | 2411-41     | 1    | Rod End-Ball Joint     |
| 15   | 99-3545     | 1    | Spacer                 |

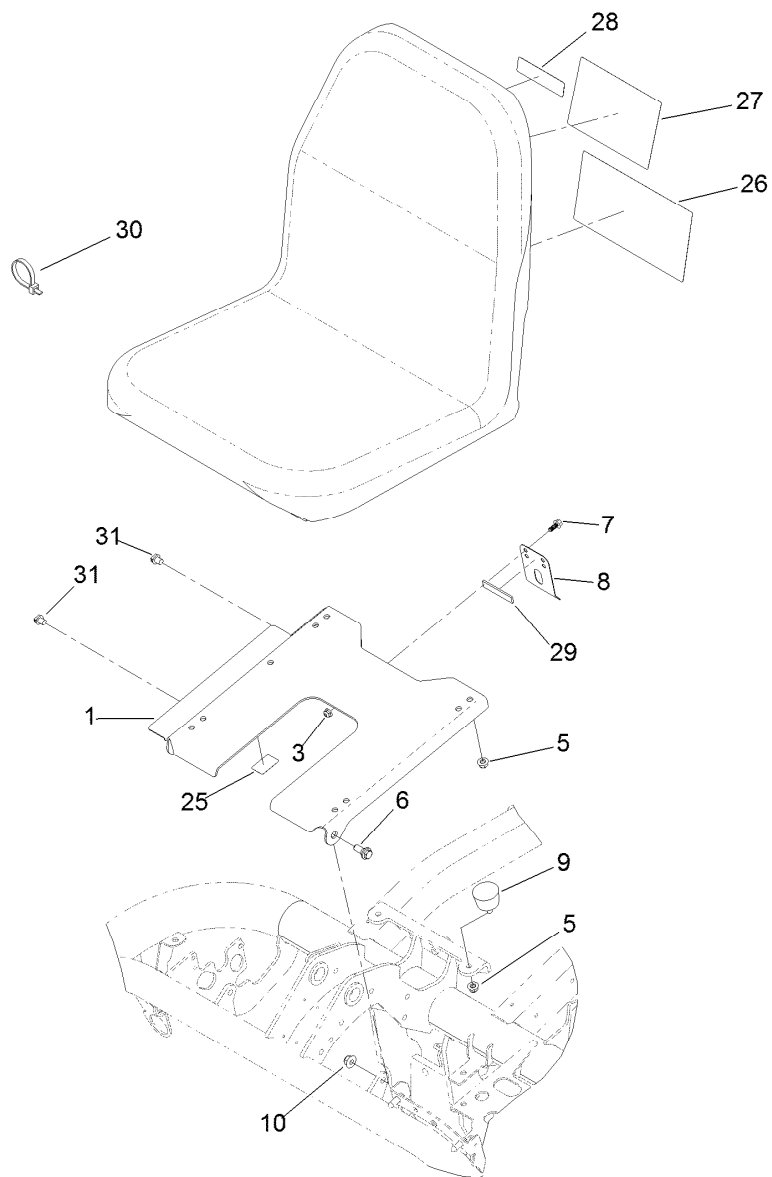
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 16   | 74-9110     | 1    | Pad-Pedal, Reverse |
| 17   | 125-3011    | 1    | Bracket-Mow        |
| 18   | 3296-56     | 1    | Nut-Lock, NI       |
| 19   | 94-1371     | 1    | Spacer             |
| 20   | 323-42      | 1    | Screw-HH           |
| 21   | 3256-24     | 1    | Washer-Plain       |
| 22   | 104-8301    | 1    | Nut-HF, NI         |
| 23   | 33115-016   | 1    | Screw-HH           |
| 24   | 94-1300     | 1    | Lock-Neutral       |
| 25   | 94-1386     | 1    | Shaft-Pedal        |
| 26   | 2411-38     | 1    | Joint-Ball         |
| 27   | 74-9100     | 1    | Pad-Pedal, Forward |
| 28   | 117-9507    | 1    | Pedal-Accelerator  |
| 29   | 32121-45    | 1    | Pin-Spring         |



## Right Hand Support Platform Assembly

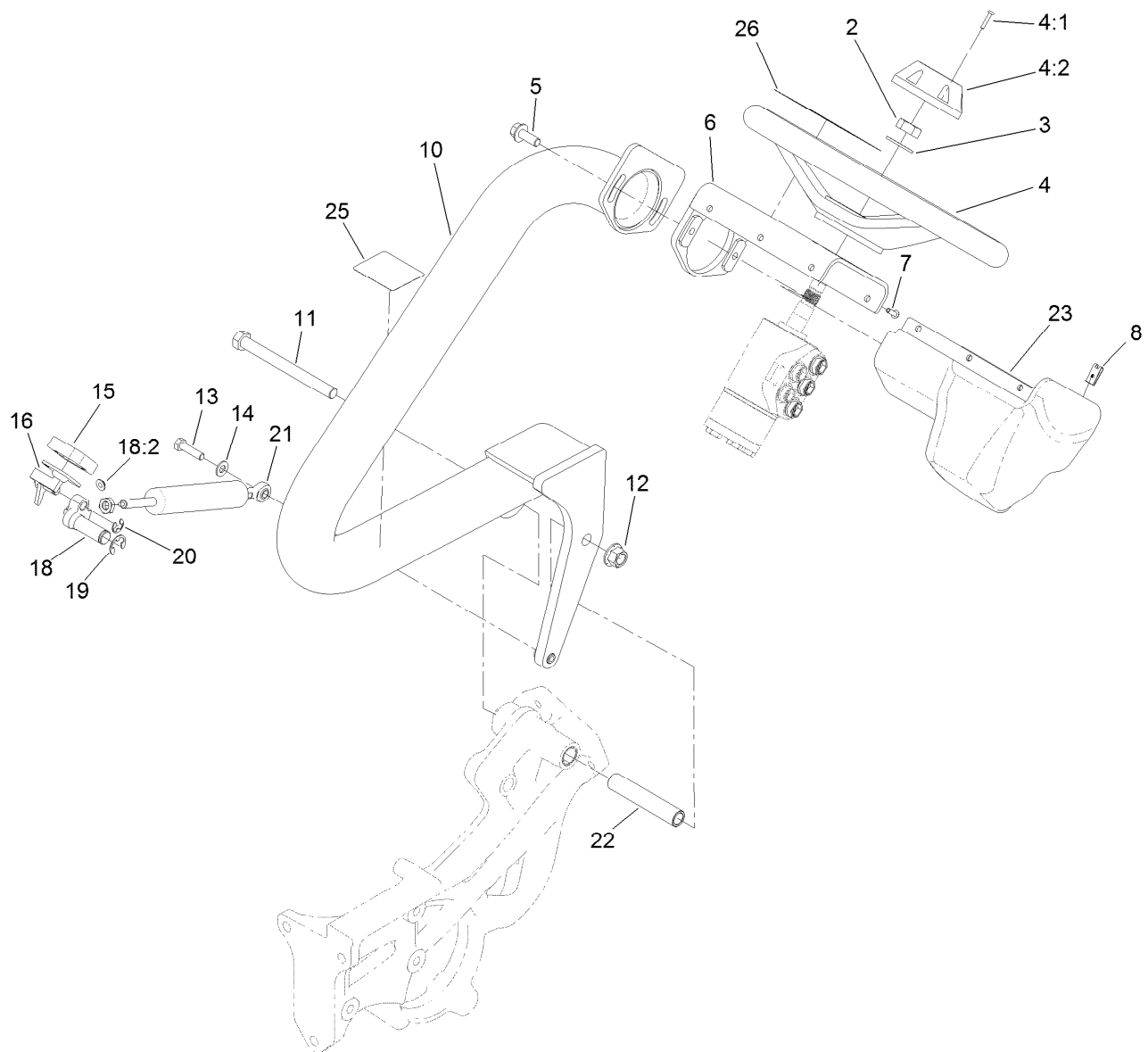
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 133-2313    | 1    | Support-Platform, RH   |
| 1:2  | 256-311     | 6    | Bushing-Split          |
| 2    | 119-1725-01 | 1    | Rod-Traction           |
| 3    | 3256-1      | 2    | Washer-Flat            |
| 4    | 33023-00    | 2    | Nut-Lock               |
| 5    | 33114-016   | 2    | Screw-HH               |
| 6    | 94-1374     | 1    | Trunnion-Bracket, Mow  |
| 7    | 33014-00    | 1    | Nut-Hex                |
| 8    | 94-1375     | 1    | Trunnion-Bracket, Lock |
| 9    | 94-3489     | 1    | Screw-HH               |
| 10   | 117-9021    | 1    | Bracket-Lock           |
| 11   | 321-9       | 1    | Screw-HH               |
| 12   | 3256-22     | 1    | Washer-Flat            |
| 13   | 33093-00    | 1    | Washer-Flat            |
| 14   | 2411-41     | 1    | Rod End-Ball Joint     |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 15   | 99-3545     | 1    | Spacer             |
| 16   | 74-9110     | 1    | Pad-Pedal, Reverse |
| 17   | 125-3011    | 1    | Bracket-Mow        |
| 18   | 3296-56     | 1    | Nut-Lock, NI       |
| 19   | 94-1371     | 1    | Spacer             |
| 20   | 323-42      | 1    | Screw-HH           |
| 21   | 3256-24     | 1    | Washer-Plain       |
| 22   | 104-8301    | 1    | Nut-HF, NI         |
| 23   | 33115-016   | 1    | Screw-HH           |
| 24   | 94-1300     | 1    | Lock-Neutral       |
| 25   | 94-1386     | 1    | Shaft-Pedal        |
| 26   | 2411-38     | 1    | Joint-Ball         |
| 27   | 74-9100     | 1    | Pad-Pedal, Forward |
| 28   | 117-9507    | 1    | Pedal-Accelerator  |
| 29   | 32121-45    | 1    | Pin-Spring         |



## Seatbase Assembly

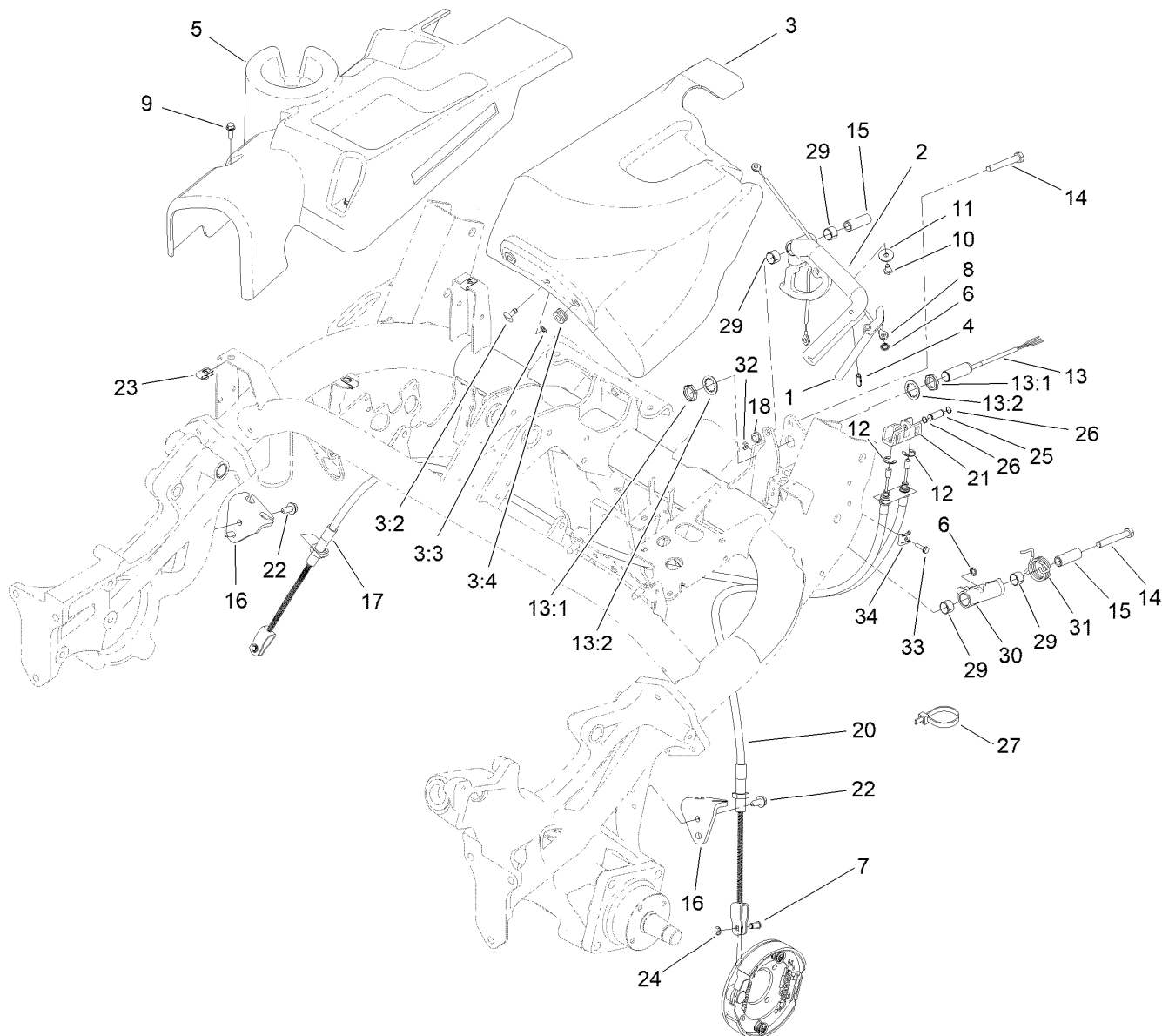
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>                      | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>        |
|-------------|--------------------|-------------|-----------------------------------------|-------------|--------------------|-------------|---------------------------|
| 1           | 117-4440-03        | 1           | Plate-Seat                              | 26          | 115-8173           | 2           | Decal, Service, Swedish   |
| 3           | 104-7201           | 2           | Nut-HF, NI                              | 26          | 115-8174           | 1           | Decal-Service, Italian    |
| 5           | 104-8300           | 2           | Nut-HF, NI                              | 26          | 115-8175           | 1           | Decal-Service, Portuguese |
| 6           | 94-7582            | 2           | Bolt-Shoulder                           | 26          | 115-8176           | 1           | Decal-Service, Norwegian  |
| 7           | 99-6810            | 2           | Screw-HHF                               | 26          | 115-8177           | 1           | Decal-Service, Finnish    |
| 8           | 66-2630            | 1           | Latch-Seat                              | 26          | 115-8178           | 1           | Decal-Service, Danish     |
| 9           | 68-3270            | 2           | Bumper-Rubber                           | 26          | 115-8179           | 1           | Decal-Service, Dutch      |
| 10          | 104-8301           | 2           | Nut-HF, NI                              | 26          | 115-8180           | 1           | Decal-Service, Japanese   |
| 25          | 115-8203           | 1           | Decal-Reference, Fuse<br>(Radiator Fan) | 27          | 115-8156           | 1           | Decal-Speed, Clip         |
| 26          | 115-8170           | 1           | Decal-Service, Spanish                  | 28          | 117-2718           | 1           | Decal-Arrester, Spark     |
| 26          | 115-8171           | 1           | Decal-Service, French                   | 29          | 120-5753           | 1           | Strip-Foam                |
| 26          | 115-8172           | 1           | Decal-Service, German                   | 30          | 3290-379           | 2           | Tie-Cable                 |
|             |                    |             |                                         | 31          | 32180-030          | 2           | Clip-Tie                  |



## Steering Arm and Adjuster Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 2    | 3296-33     | 1    | Nut-Lock, NI        |
| 3    | 3256-27     | 1    | Washer-Flat         |
| 4    | 75-0560     | 1    | Steering Wheel ASM  |
| 4:1  | 32144-21    | 1    | Screw               |
| 4:2  | 68-5140     | 1    | Cap-Wheel, Steering |
| 5    | 3234-42     | 2    | Screw-HHF           |
| 6    | 117-9346-03 | 1    | Mount-Steering      |
| 7    | 3274-39     | 6    | Screw-HSBH          |
| 8    | 3290-277    | 6    | Nut-Speed           |
| 10   | 117-4444-01 | 1    | Arm-Steering        |
| 11   | 325-22      | 1    | Screw-HH            |
| 12   | 99-5107     | 1    | Nut-HF Nylock       |
| 13   | 322-47      | 1    | Screw-HH            |

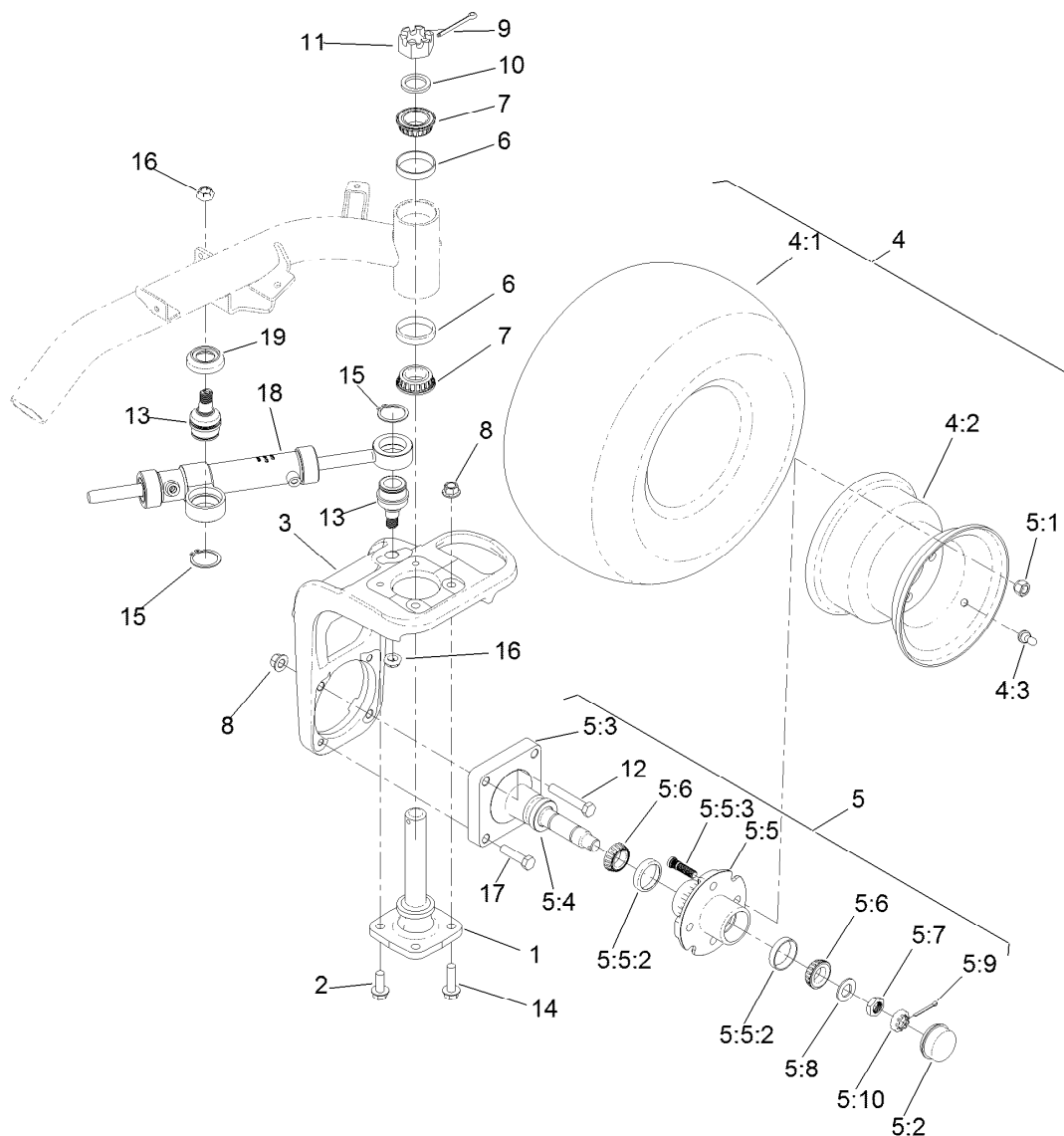
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 14   | 3256-23     | 1    | Washer-Plain          |
| 15   | 74-9110     | 1    | Pad-Pedal, Reverse    |
| 16   | 117-4457    | 1    | Lever                 |
| 18   | 133-9030    | 1    | Pivot Lever ASM       |
| 18:2 | 133-8995    | 1    | Bushing               |
| 19   | 32120-19    | 1    | E-Ring                |
| 20   | 105-7004    | 1    | E-Ring                |
| 21   | 133-9036    | 1    | Cylinder-Gas          |
| 22   | 117-9002    | 1    | Spacer                |
| 23   | 119-9300    | 1    | Cover-Valve, Steering |
| 25   | 119-9346    | 1    | Decal-Arm, Steering   |
| 26   | 133-2338    | 1    | Decal-Danger          |
| 26   | 133-2339    | 1    | Decal-Danger, CE      |



## Brake Cable and Lever Assembly

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 131-3003    | 1    | Lever-Release               |
| 2    | 131-3024    | 1    | Lever-Brake, Hand           |
| 3    | 131-3025    | 1    | LH Cover ASM                |
| 3:2  | 119-1728    | 1    | Stud-1/4 Turn               |
| 3:3  | 119-1729    | 1    | Retainer-Stud               |
| 3:4  | 92-5972     | 2    | Grommet-Rubber              |
| 4    | 32121-24    | 1    | Pin-Spring                  |
| 5    | 131-3101    | 1    | Cover-Side, RH              |
| 6    | 104-8310    | 2    | Ring-Retaining              |
| 7    | 109-6887    | 2    | Pin-Clevis                  |
| 8    | 131-3004    | 1    | Cable                       |
| 9    | 115-5103    | 3    | Screw-HHF                   |
| 10   | 321-2       | 1    | Screw-HH                    |
| 11   | 3256-67     | 1    | Washer                      |
| 12   | 32120-47    | 2    | Ring-Retaining, External    |
| 13   | 115-5300    | 1    | Proximity Switch ASM        |
| 13:1 | 117-3207    | 2    | Nut-Hex                     |
| 13:2 | 117-3208    | 2    | Washer-Lock, Internal Tooth |
| 14   | 323-12      | 2    | Screw-HH                    |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 15   | 131-3017    | 2    | Spacer               |
| 16   | 133-8901    | 2    | Bracket-Cable, Brake |
| 17   | 131-1833    | 1    | Cable-Brake, RH      |
| 18   | 3296-59     | 2    | Nut-Lock, NI         |
| 20   | 131-1834    | 1    | Cable-Brake, LH      |
| 21   | 131-3065    | 1    | Equalizer-Cable      |
| 22   | 32104-32    | 4    | Screw-HWH            |
| 23   | 107069      | 3    | Clip                 |
| 24   | 701197      | 2    | E-Ring               |
| 25   | 131-3021    | 1    | Pin                  |
| 26   | 32120-46    | 2    | Ring-Retaining       |
| 27   | 3290-379    | 1    | Tie-Cable            |
| 29   | 1-653600    | 4    | Bushing              |
| 30   | 131-3058    | 1    | Pawl-Brake           |
| 31   | 132-3833    | 1    | Spring-Torsion       |
| 32   | 3296-2      | 1    | Nut-Lock, NI         |
| 33   | 3290-126    | 1    | Screw-HWH            |
| 34   | 81-1690     | 1    | Clamp-Cable          |

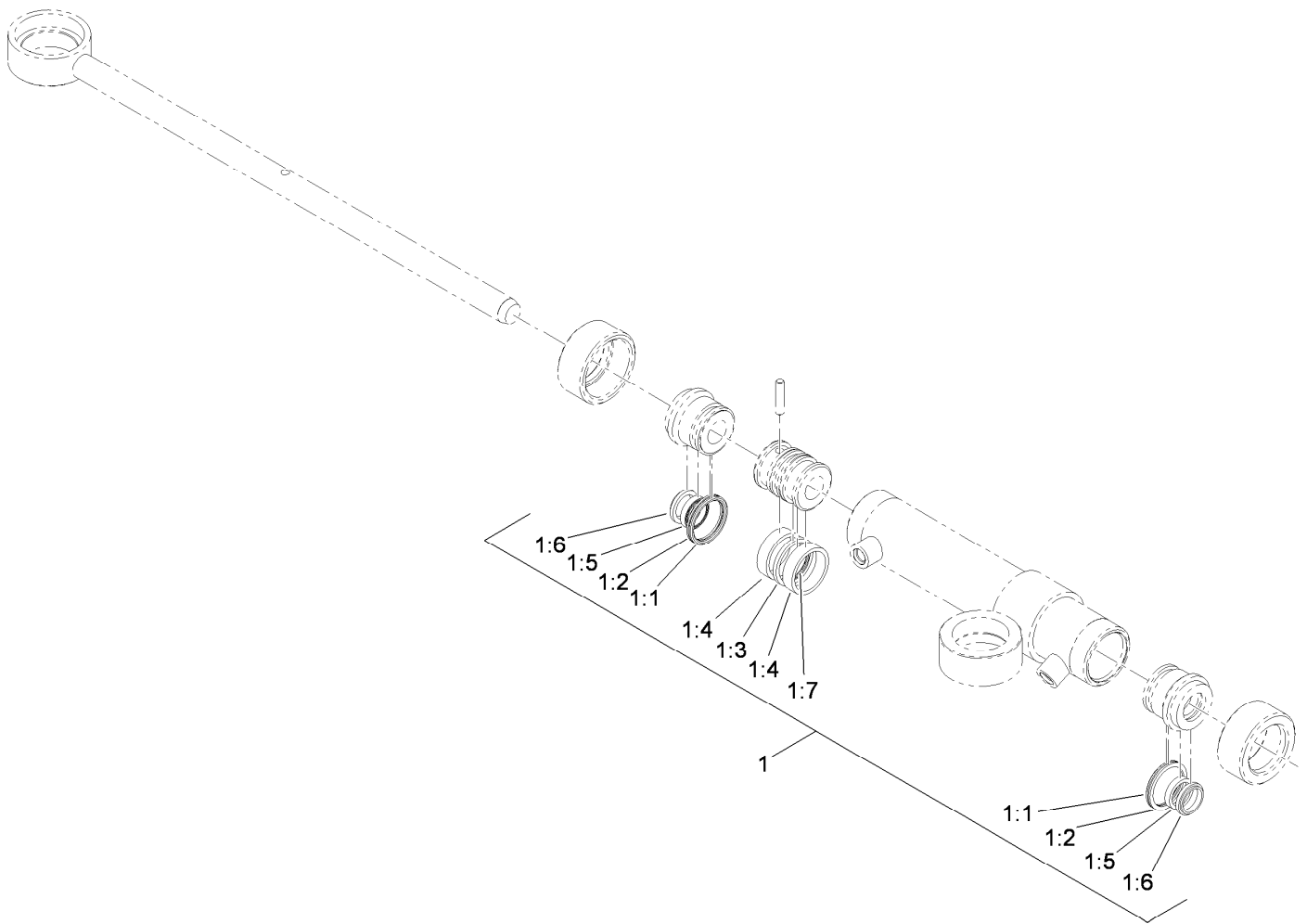


## Back Wheel Assembly

| Ref.  | Part Number | Qty. | Description          |
|-------|-------------|------|----------------------|
| 1     | 115-2657    | 1    | Spindle-Steering     |
| 2     | 3234-38     | 2    | Screw-HHF            |
| 3     | 117-4366-01 | 1    | Base-Fork, Rear      |
| 4     |             | 1    | Wheel And Tire ASM ● |
| 4:1   | 120-2783    | 1    | Tire                 |
| 4:2   | 217-60      | 1    | Rim                  |
| 4:3   | 232-27      | 1    | Stem-Valve           |
| 5     | 119-4490    | 1    | Wheel Spindle ASM    |
| 5:1   | 242-50      | 4    | Nut-Lug              |
| 5:2   | 241-119     | 1    | Cap-Dust             |
| 5:3   | 112-7173    | 1    | Spindle              |
| 5:4   | 112-1690    | 1    | Seal-Oil             |
| 5:5   | 117-9093    | 1    | Hub ASM              |
| 5:5:2 | 254-72      | 2    | Bearing-Cup, Tapered |
| 5:5:3 | 114-3918    | 4    | Stud-Wheel           |
| 5:6   | 254-92      | 2    | Cone-Bearing, Outer  |
| 5:7   | 117-8260    | 1    | Nut                  |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 5:8  | 117-8259    | 1    | Washer-Spindle           |
| 5:9  | 3272-18     | 1    | Pin-Cotter               |
| 5:10 | 93-0307     | 1    | Nut-Lock, Retainer       |
| 6    | 115-9471    | 2    | Bearing-Cup              |
| 7    | 115-9472    | 2    | Bearing-Cone And Seal    |
| 8    | 99-5107     | 4    | Nut-HF Nylock            |
| 9    | 3272-37     | 1    | Pin-Cotter               |
| 10   | 18-6320     | 1    | Washer                   |
| 11   | 32136-9     | 1    | Nut-Hex, Slotted         |
| 12   | 325-12      | 2    | Screw-HH                 |
| 13   | 121-3605    | 2    | Ball Joint               |
| 14   | 3234-22     | 2    | Screw-HHF                |
| 15   | 32151-104   | 2    | Ring-Retaining, External |
| 16   | 121-3611    | 2    | Nut-Hex, Flextop         |
| 17   | 325-8       | 2    | Screw-HH                 |
| 18   | 117-4480    | 1    | HYD Cylinder ASM         |
| 19   | 120-2026    | 1    | Spacer-Cylinder          |

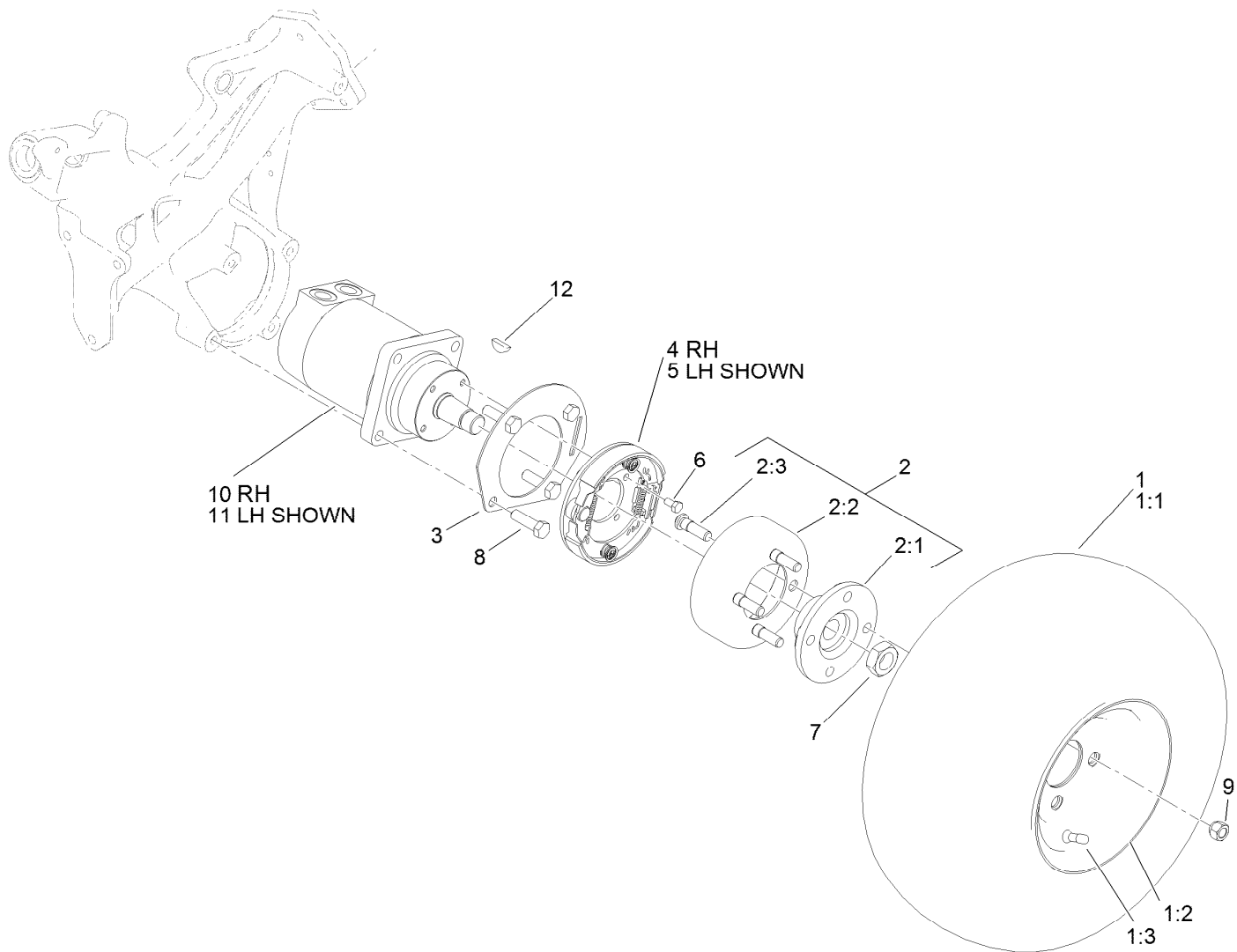
● Not serviced separately



## Hydraulic Cylinder Assembly No. 117-4480

| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 1    | 119-7124    | 1    | Kit-Seal      |
| 1:1  |             | 2    | O-Ring ●      |
| 1:2  |             | 2    | Ring-Backup ● |
| 1:3  |             | 1    | Seal-Psp ●    |
| 1:4  |             | 2    | Ring-Wear ●   |
| 1:5  |             | 2    | Seal-Bs ●     |
| 1:6  |             | 2    | Seal-Dust ●   |
| 1:7  |             | 1    | O-Ring ●      |

● Not serviced separately

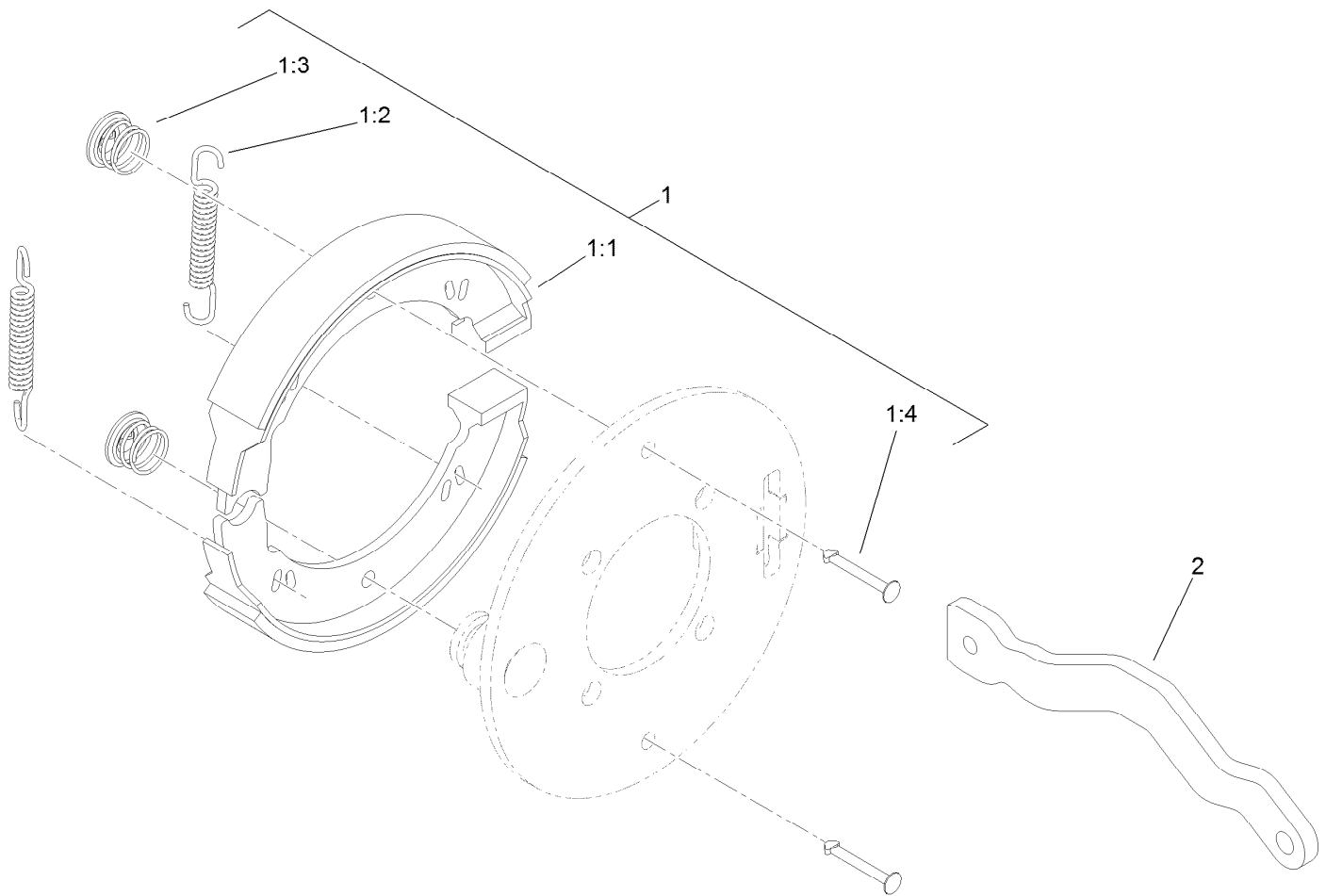


## Front Wheel Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    |             | 2    | Wheel And Tire ASM ● |
| 1:1  | 120-2783    | 1    | Tire                 |
| 1:2  | 117-9032    | 1    | Rim                  |
| 1:3  | 232-27      | 1    | Stem-Valve           |
| 2    | 115-2661    | 2    | Brake Drum ASM       |
| 2:1  | 115-2662-03 | 1    | Hub-Wheel            |
| 2:2  | 115-2663    | 1    | Drum-Brake           |
| 2:3  | 85-6540     | 4    | Stud-Drive           |
| 3    | 114-9998-03 | 2    | Tab-Lever, Brake     |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 4    | 115-9441    | 1    | RH Brake ASM       |
| 5    | 115-9440    | 1    | LH Brake ASM       |
| 6    | 322-2       | 8    | Screw-HH           |
| 7    | 26-3790     | 2    | Nut-Lock           |
| 8    | 325-7       | 8    | Screw-HH           |
| 9    | 242-50      | 8    | Nut-Lug            |
| 10   | 117-4302    | 1    | RH Wheel Motor ASM |
| 11   | 117-4303    | 1    | LH Wheel Motor ASM |
| 12   | 3257-42     | 1    | Key-Woodruff       |

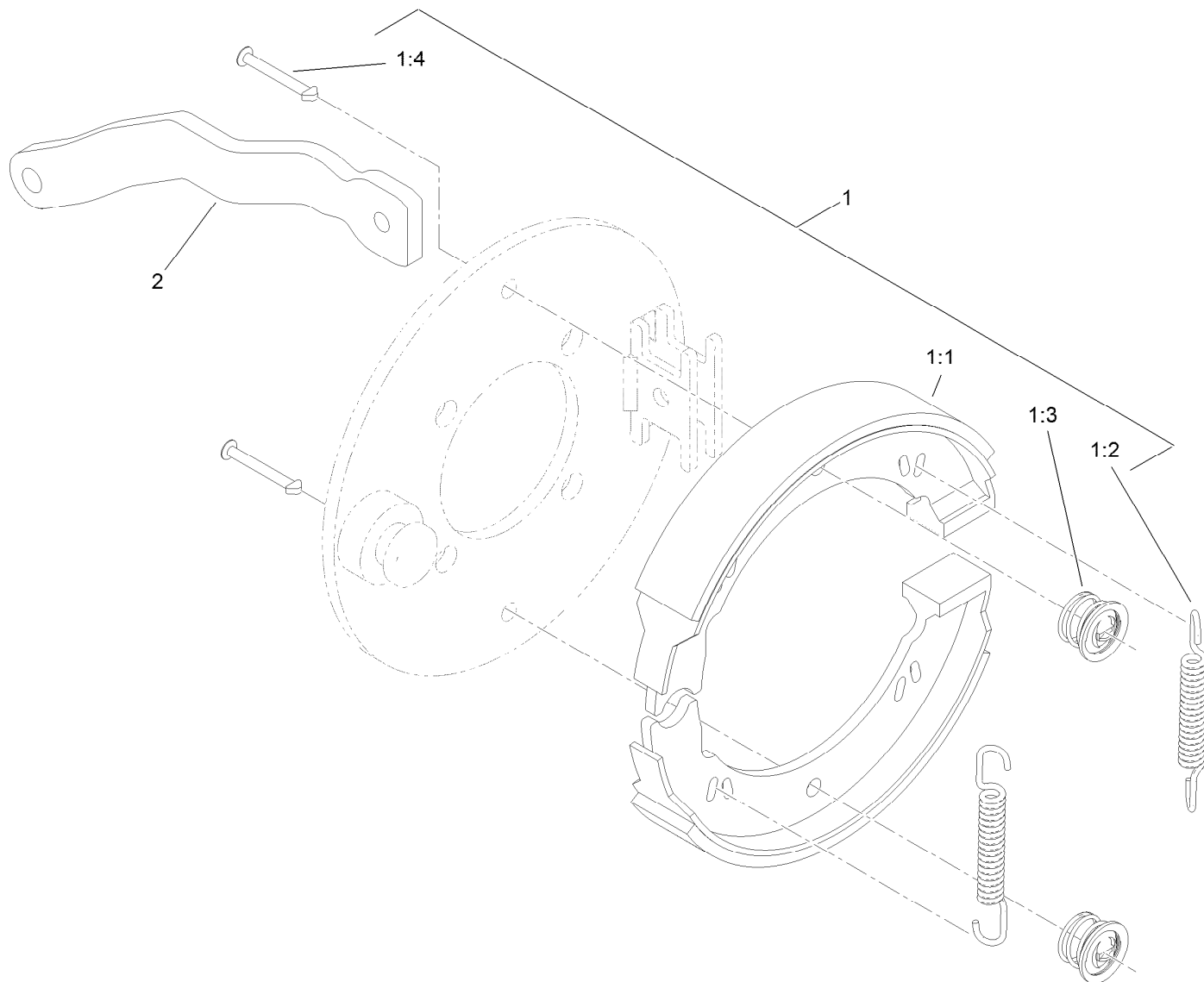
● Not serviced separately



## Right Hand Brake Assembly No. 115-9441

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 119-7136    | 1    | Kit-Brake       |
| 1:1  |             | 2    | Shoe-Brake ●    |
| 1:2  |             | 2    | Spring ●        |
| 1:3  |             | 2    | Clip ●          |
| 1:4  |             | 2    | Pin-Retainer ●  |
| 2    | 115-5789    | 1    | Lever-Brake, RH |

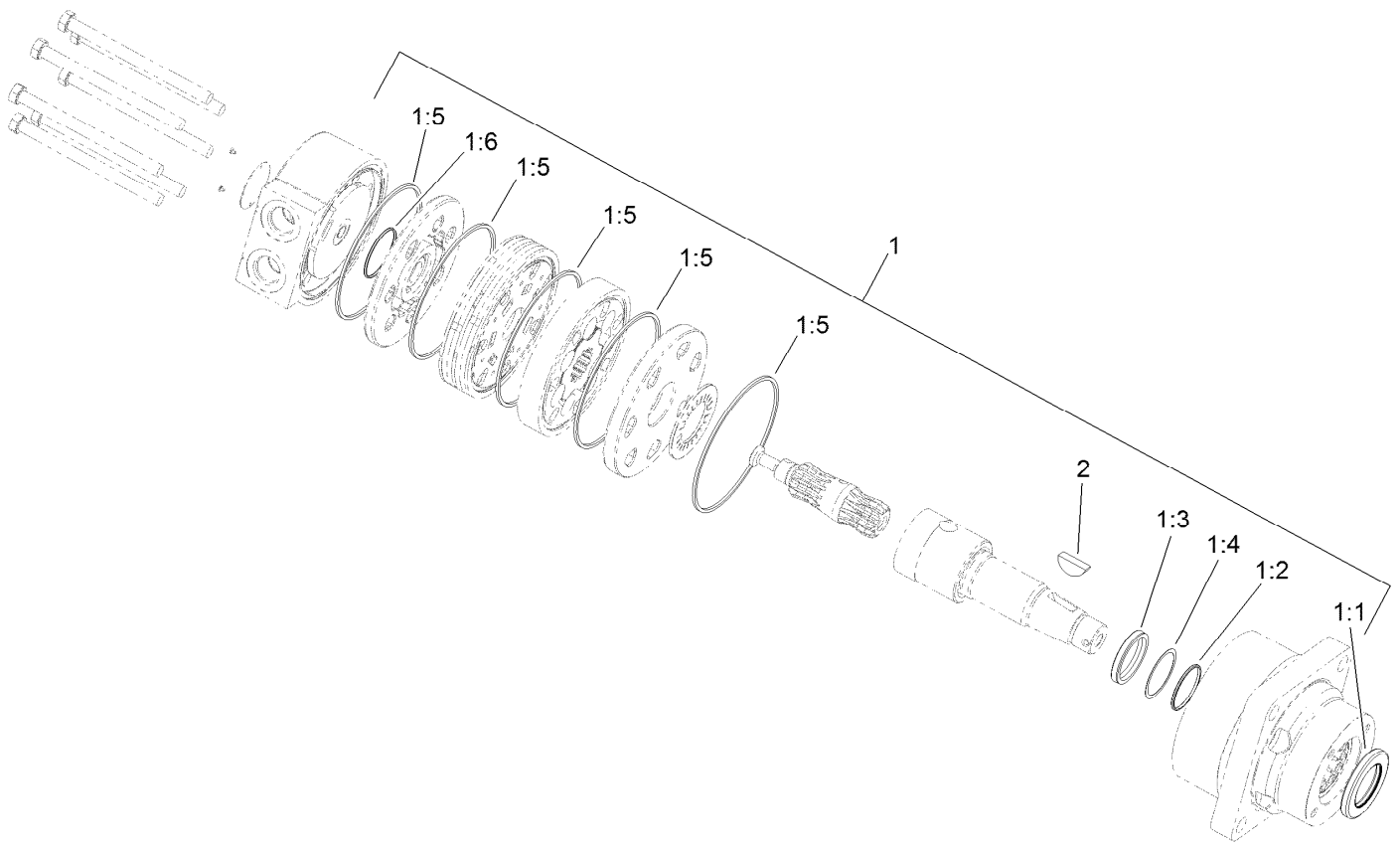
● Not serviced separately



## Left Hand Brake Assembly No. 115-9440

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 119-7136    | 1    | Kit-Brake       |
| 1:1  |             | 2    | Shoe-Brake ●    |
| 1:2  |             | 2    | Spring ●        |
| 1:3  |             | 2    | Clip ●          |
| 1:4  |             | 2    | Pin-Retainer ●  |
| 2    | 115-2664    | 1    | Lever-Brake, LH |

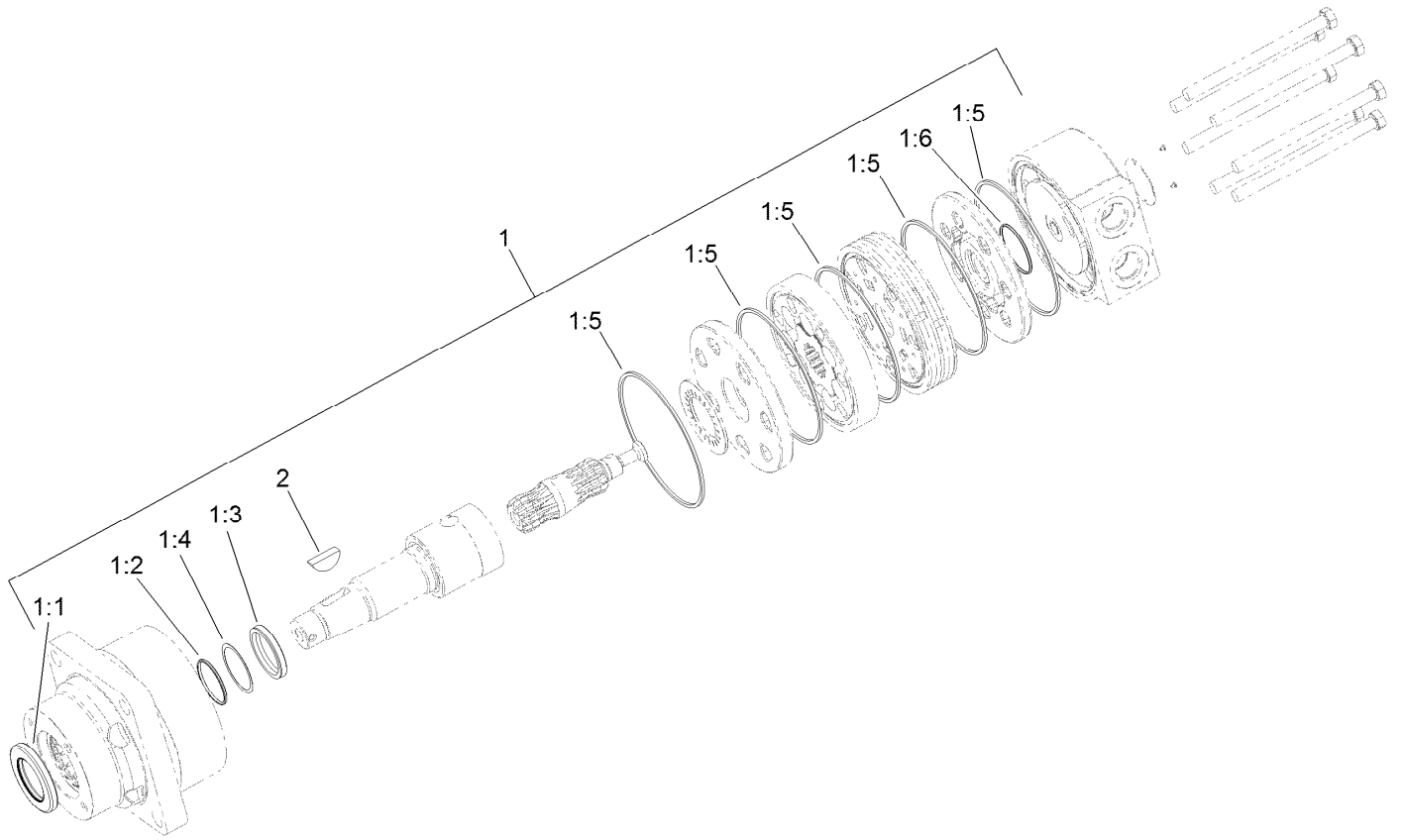
● Not serviced separately



## Left Hand Wheel Motor Assembly No. 117-4303

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 94-8178     | 1    | Seal Kit                    |
| 1:1  |             | 1    | Seal-Dirt And Water ●       |
| 1:2  |             | 1    | Backup-Ring ●               |
| 1:3  |             | 1    | Seal-Shaft ●                |
| 1:4  |             | 1    | Washer-Backup ●             |
| 1:5  |             | 5    | Seal-Square, Ring (Inner) ● |
| 1:6  |             | 1    | Seal-Commutator ●           |
| 2    | 3257-42     | 1    | Key-Woodruff                |

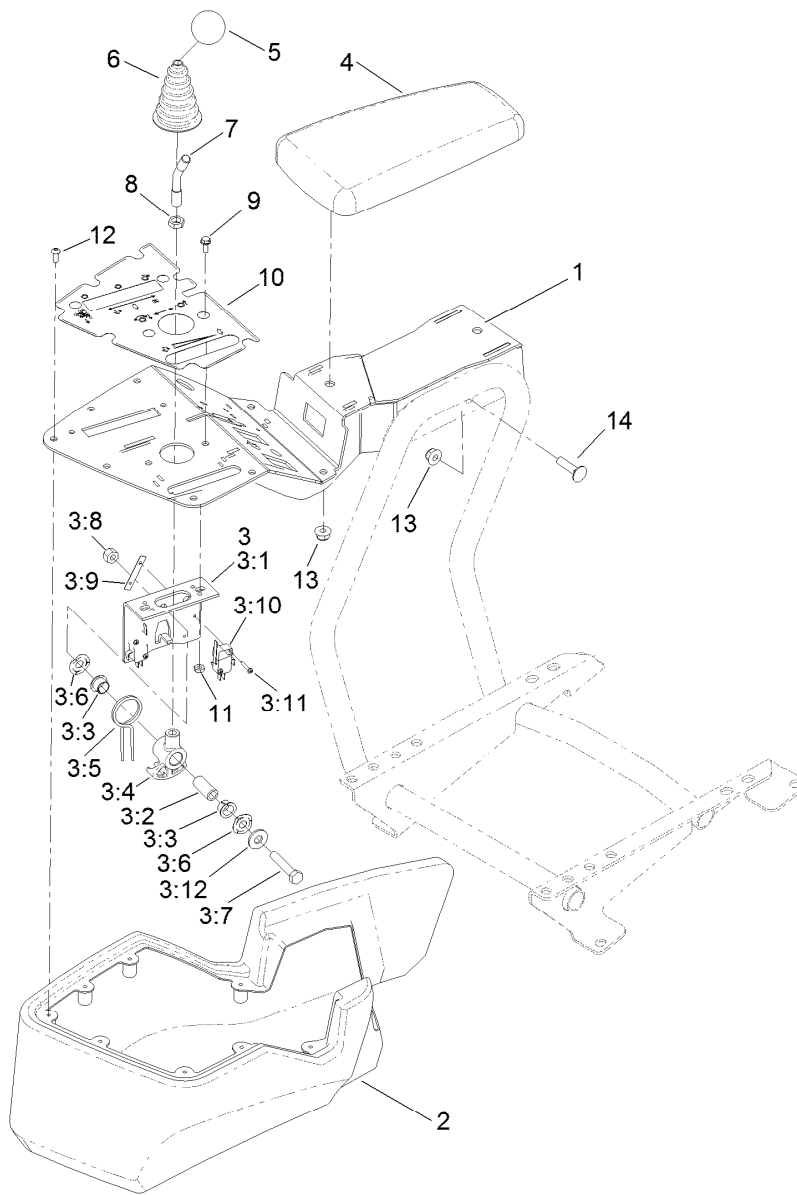
● Not serviced separately



## Right Hand Wheel Motor Assembly No. 117-4302

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 94-8178     | 1    | Seal Kit                    |
| 1:1  |             | 1    | Seal-Dirt And Water ●       |
| 1:2  |             | 1    | Backup-Ring ●               |
| 1:3  |             | 1    | Seal-Shaft ●                |
| 1:4  |             | 1    | Washer-Backup ●             |
| 1:5  |             | 5    | Seal-Square, Ring (Inner) ● |
| 1:6  |             | 1    | Seal-Commutator ●           |
| 2    | 3257-42     | 1    | Key-Woodruff                |

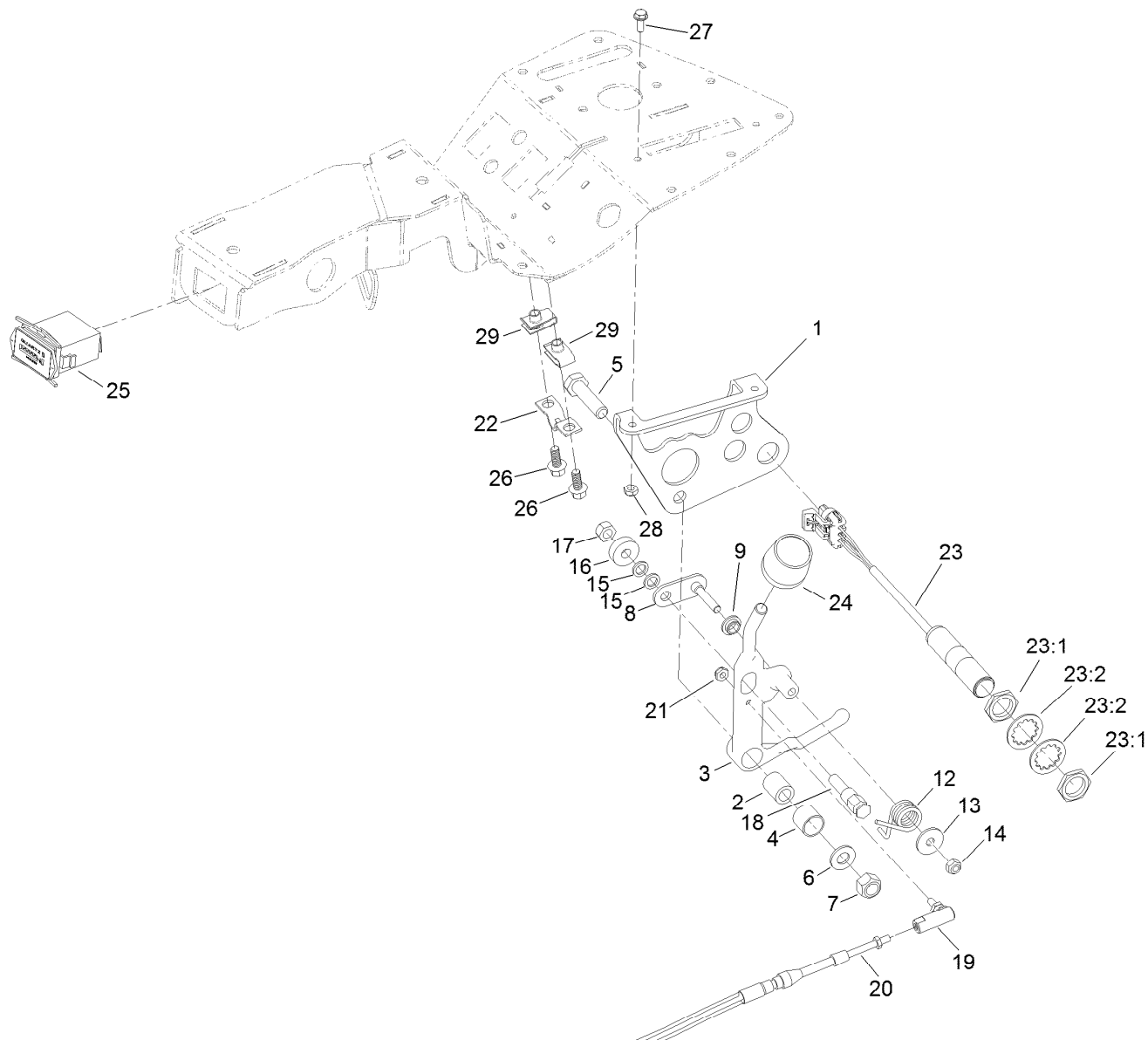
● Not serviced separately



## Console and Reel Control Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 131-8764-03 | 1    | Console               |
| 2    | 121-5152    | 1    | Cover-Console         |
| 3    | 106-4167    | 1    | Joystick Bracket ASM  |
| 3:1  | 115-5357-03 | 1    | Bracket-Joystick      |
| 3:2  | 106-4192    | 1    | Spacer                |
| 3:3  | 93-5547     | 2    | Bushing-Nylon         |
| 3:4  | 105-7507    | 1    | Hub-Pivot, Joystick   |
| 3:5  | 105-8289    | 1    | Spring-Torsion        |
| 3:6  | 106-4193    | 2    | Washer-Finger, Spring |
| 3:7  | 322-9       | 1    | Screw-HH              |
| 3:8  | 3296-29     | 1    | Nut-Lock, NI          |
| 3:9  | 3290-354    | 2    | Nut-Speed             |
| 3:10 | 108-6496    | 2    | Switch (W/Boot)       |

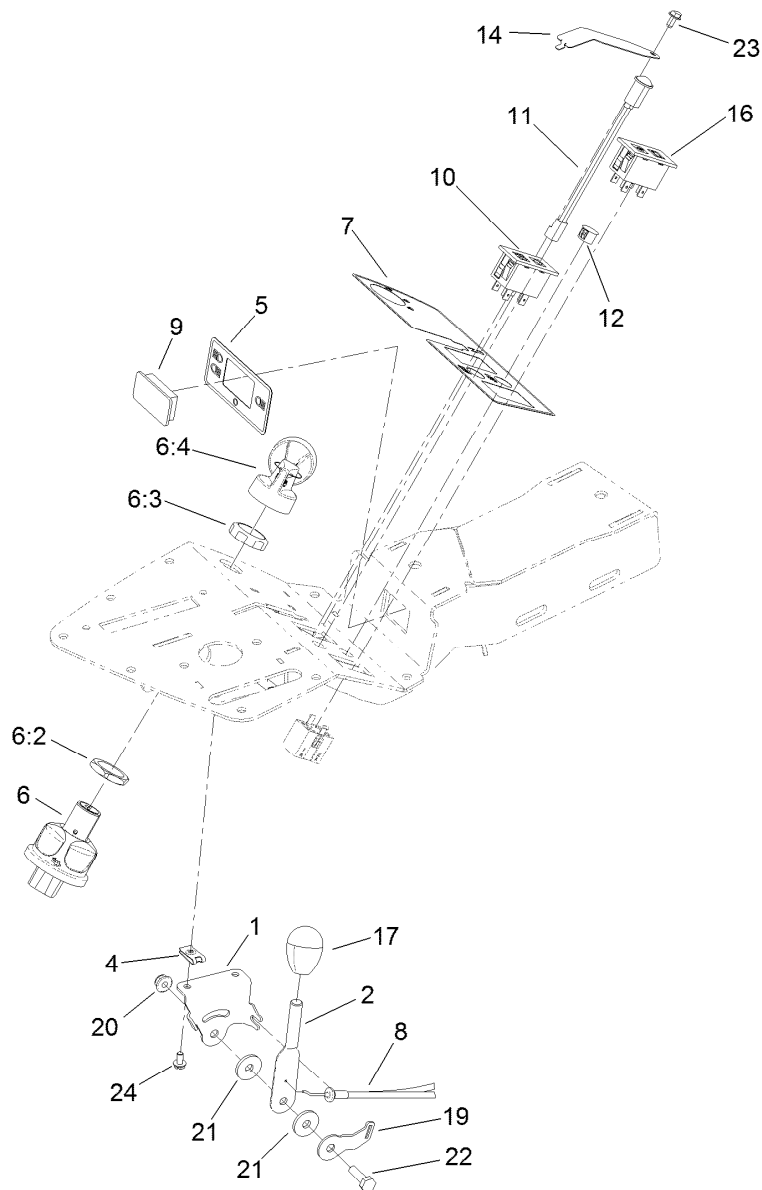
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 3:11 | 95-3003     | 4    | Screw-PPHTF        |
| 3:12 | 3256-3      | 1    | Washer-Flat        |
| 4    | 108-7602    | 1    | Rest-Arm           |
| 5    | 120-9752    | 1    | Knob-Round, Yellow |
| 6    | 93-5961     | 1    | Boot-Lever         |
| 7    | 121-6681    | 1    | Stem-Joystick      |
| 8    | 3218-3      | 1    | Nut-Jam            |
| 9    | 3290-321    | 2    | Screw-HWH          |
| 10   | 132-9548    | 1    | Decal-Console      |
| 11   | 3296-12     | 2    | Nut-Lock, NI       |
| 12   | 115-9830    | 8    | Screw-HSBH         |
| 13   | 104-8300    | 4    | Nut-HF, NI         |
| 14   | 3230-3      | 2    | Screw-CARR         |



## Traction Interface Control Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 132-3822-03 | 1    | Bracket            |
| 2    | 94-1378     | 1    | Tube-Pivot, Handle |
| 3    | 133-8894    | 1    | Handle             |
| 4    | 136-8417    | 1    | Bushing            |
| 5    | 33115-040   | 1    | Screw-HH           |
| 6    | 3256-24     | 1    | Washer-Plain       |
| 7    | 33025-00    | 1    | Nut-Lock, NI       |
| 8    | 120-3198    | 1    | Roller-Pivot       |
| 9    | 94-9619     | 1    | Bushing            |
| 12   | 94-9620     | 1    | Spring-Torsion     |
| 13   | 3256-67     | 1    | Washer             |
| 14   | 33023-00    | 1    | Nut-Lock           |
| 15   | 75-5470     | 2    | Spacer-Bearing     |
| 16   | 251-259     | 1    | Bearing-Ball       |
| 17   | 33024-00    | 1    | Nut-Lock, NI       |

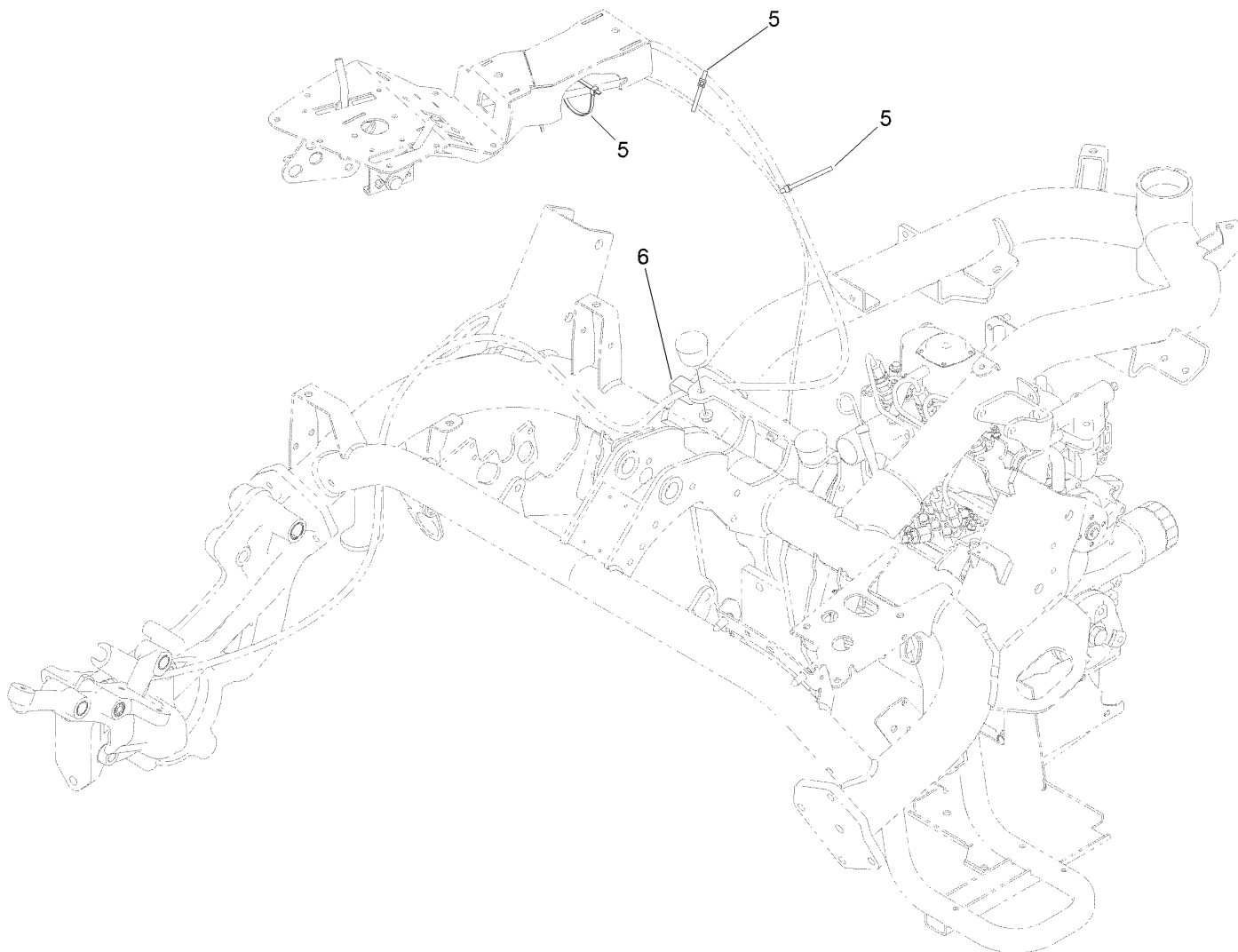
| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 18   | 94-9617     | 1    | Pin-Spring                  |
| 19   | 2411-38     | 1    | Joint-Ball                  |
| 20   | 132-9544    | 1    | Cable-Lock, Neutral         |
| 21   | 3296-27     | 1    | Nut-Lock, NI                |
| 22   | 93-2279     | 1    | Clamp-Cable                 |
| 23   | 115-5300    | 2    | Proximity Switch ASM        |
| 23:1 | 117-3207    | 2    | Nut-Hex                     |
| 23:2 | 117-3208    | 2    | Washer-Lock, Internal Tooth |
| 24   | 120-9753    | 1    | Knob-Cylindrical, Orange    |
| 25   | 1-513374    | 1    | Meter-Hour                  |
| 26   | 99-6810     | 2    | Screw-HHF                   |
| 27   | 3290-321    | 2    | Screw-HWH                   |
| 28   | 3296-12     | 2    | Nut-Lock, NI                |
| 29   | 107069      | 2    | Clip                        |



## Ignition, Throttle and Choke Control Assembly

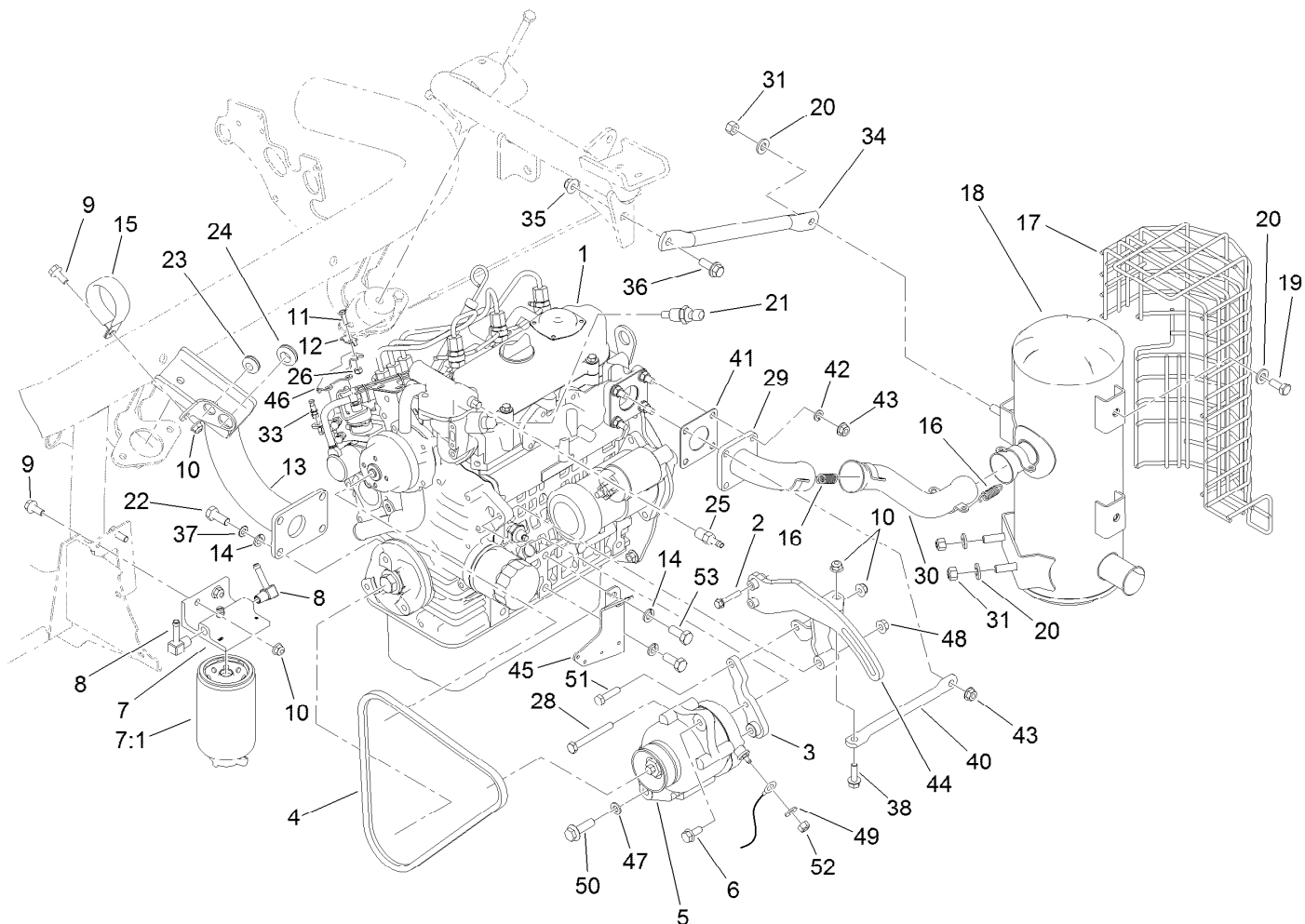
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 125-3013    | 1    | Bracket-Throttle     |
| 2    | 125-3014    | 1    | Lever-Throttle       |
| 4    | 3290-277    | 4    | Nut-Speed            |
| 5    | 131-2046    | 1    | Decal-Light, Console |
| 6    | 121-5159    | 1    | Switch-Ignition      |
| 6:2  | 121-5160    | 1    | Nut-Hex              |
| 6:3  | 121-5161    | 1    | Nut-Face             |
| 6:4  | 121-5162    | 1    | Set-Key, Ignition    |
| 7    | 132-9549    | 1    | Decal-Console, HYD   |
| 8    | 125-3017    | 1    | Cable-Throttle       |
| 9    | 99-7420     | 1    | Plug-Hole            |
| 10   | 100-8071    | 1    | Lamp-Warning         |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 11   | 95-7652     | 1    | Light-Indicator      |
| 12   | 2410-64     | 1    | Plug-Dome            |
| 14   | 132-9592    | 1    | Cover-Choke          |
| 16   | 100-8070    | 1    | Lamp-Warning         |
| 17   | 120-9751    | 1    | Knob-Oval, Black     |
| 19   | 125-3015    | 1    | Bracket-Clamp, Cable |
| 20   | 104-7201    | 1    | Nut-HF, NI           |
| 21   | 66-2921     | 2    | Washer-Friction      |
| 22   | 321-5       | 1    | Screw-HH             |
| 23   | 104-2065    | 1    | Screw-HWH            |
| 24   | 3290-144    | 2    | Screw-SHWH           |



## Console Cable Routing Assembly

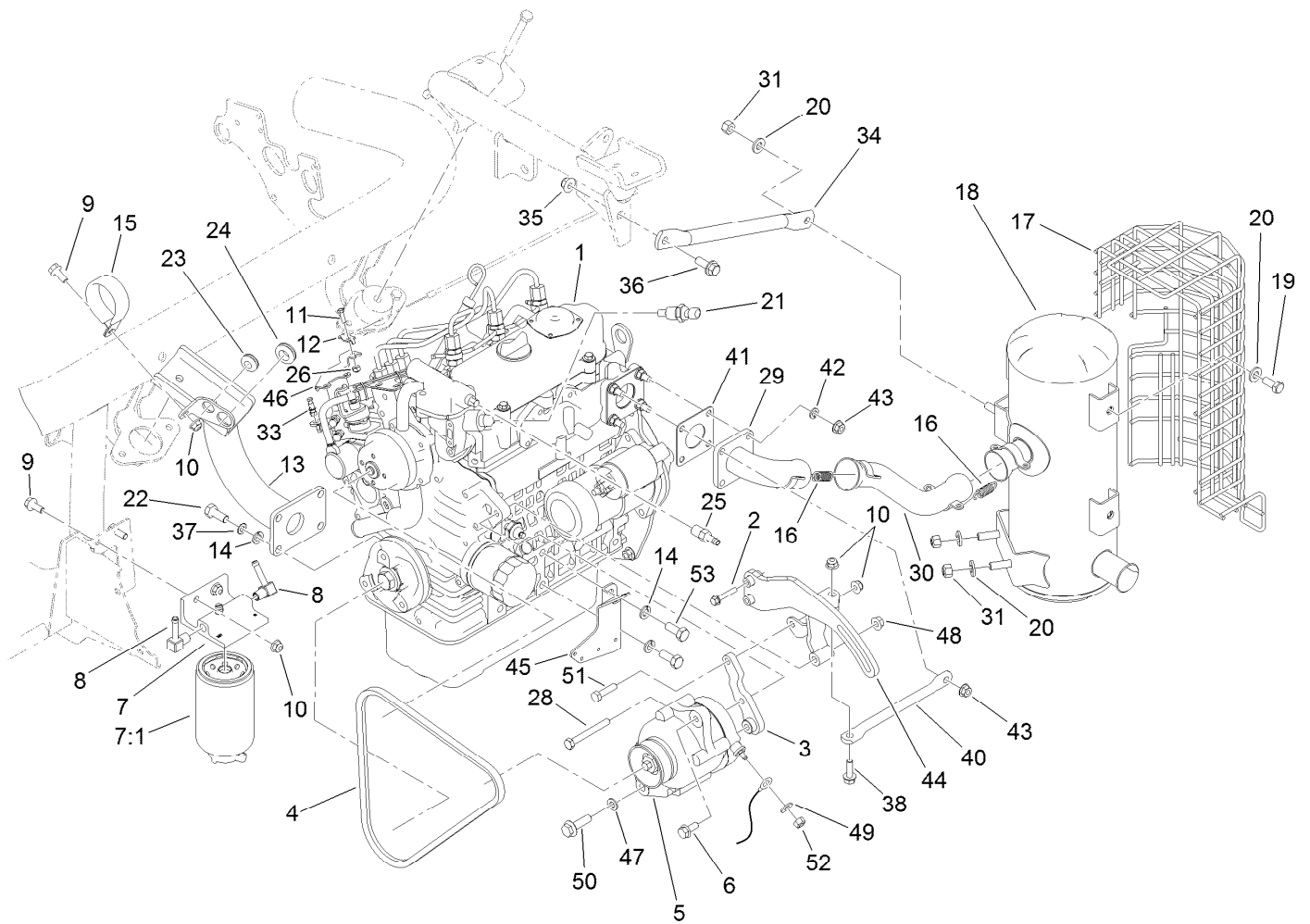
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 5           | 3290-379           | 4           | Tie-Cable          |
| 6           | 120-1959           | 1           | Clamp              |



## Engine and Exhaust Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 138-6902    | 1    | Engine-Kubota, D902        |
| 2    | 33103-035   | 2    | Screw-HHF                  |
| 3    | 119-4428-03 | 1    | Bracket-Alternator         |
| 4    | 119-4486    | 1    | Belt-V, Fan                |
| 5    | 117-5541    | 1    | 60 Amp Alternator ASM      |
| 6    | 33104-020   | 1    | Screw-HHF                  |
| 7    | 110-9044    | 1    | Separator-Filter           |
| 7:1  | 110-9049    | 1    | Filter-Spin On, Fuel/Water |
| 8    | 353-707     | 2    | Fitting-HYD, 90 DEG        |
| 9    | 3234-47     | 2    | Screw-HHF                  |
| 10   | 104-8300    | 5    | Nut-HF, NI                 |
| 11   | 3290-134    | 1    | Screw                      |
| 12   | 613385      | 1    | Clamp-Cable                |
| 13   | 119-2128-03 | 1    | Support-Engine             |
| 14   | 42-9600     | 6    | Washer-Lock                |
| 15   | 115-9469    | 1    | Clamp-R                    |
| 16   | 104-6478    | 4    | Spring-Extension           |
| 17   | 115-8718-03 | 1    | Shield-Muffler             |
| 18   | 120-1950    | 1    | Muffler                    |
| 19   | 323-5       | 4    | Screw-HH                   |
| 20   | 100-4852    | 8    | Washer-Hardened            |

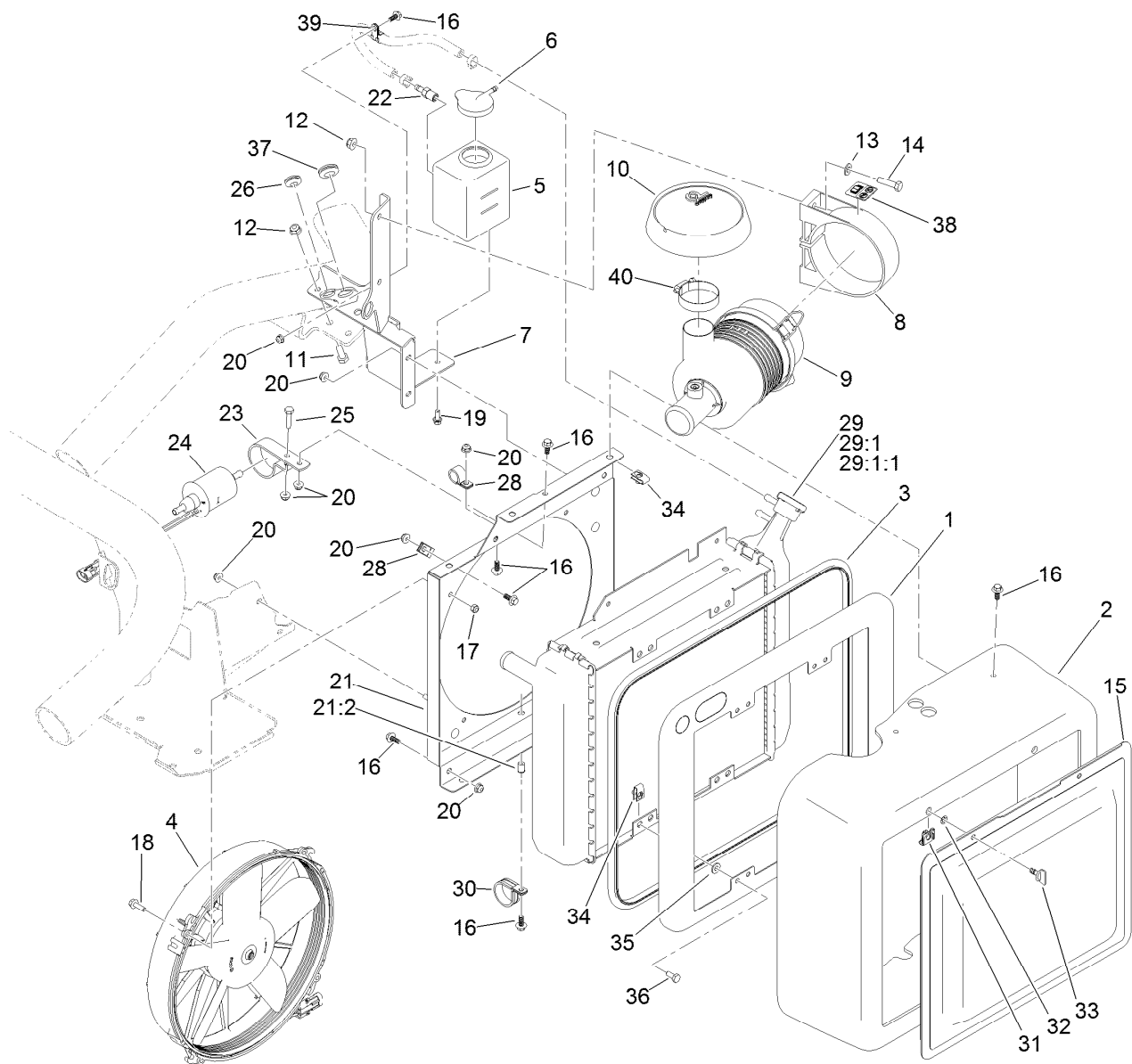
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 21   | 119-4478    | 1    | Sender-Temperature |
| 22   | 43-0090     | 4    | Screw-HH           |
| 23   | 1-633630    | 1    | Grommet            |
| 24   | 237-124     | 2    | Grommet            |
| 25   | 353-783     | 1    | Fitting-STR        |
| 26   | 3296-2      | 1    | Nut-Lock, NI       |
| 28   | 119-8194    | 1    | Screw-HH           |
| 29   | 114-8009    | 1    | Plate-Exhaust      |
| 30   | 114-8013    | 1    | Pipe-Exhaust       |
| 31   | 32152-2     | 4    | Nut-Lock, Cone     |
| 33   | 108-5928    | 1    | Swivel-Stop, Cable |
| 34   | 120-1956-03 | 1    | Tube-Brace         |
| 35   | 104-8301    | 1    | Nut-HF, NI         |
| 36   | 3234-42     | 1    | Screw-HHF          |
| 37   | 3255-8      | 1    | Washer-Lock        |
| 38   | 3234-29     | 2    | Screw-HHF          |
| 40   | 120-1961-03 | 1    | Tube-Brace         |
| 41   | 99-8343     | 1    | Gasket-Muffler     |
| 42   | 3253-4      | 3    | Washer-Lock        |
| 43   | 117-1350    | 4    | Nut-HF, Lock       |
| 44   | 119-8182-03 | 1    | Bracket-Alternator |



## Engine and Exhaust Assembly (continued)

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 45   | 120-1964-03 | 1    | Bracket-Harness           |
| 46   | 125-3016    | 1    | Bracket-Support, Throttle |
| 47   | 3256-23     | 1    | Washer-Plain              |
| 48   | 33004-00    | 1    | Nut-HF                    |
| 49   | 3256-2      | 1    | Washer-Flat               |

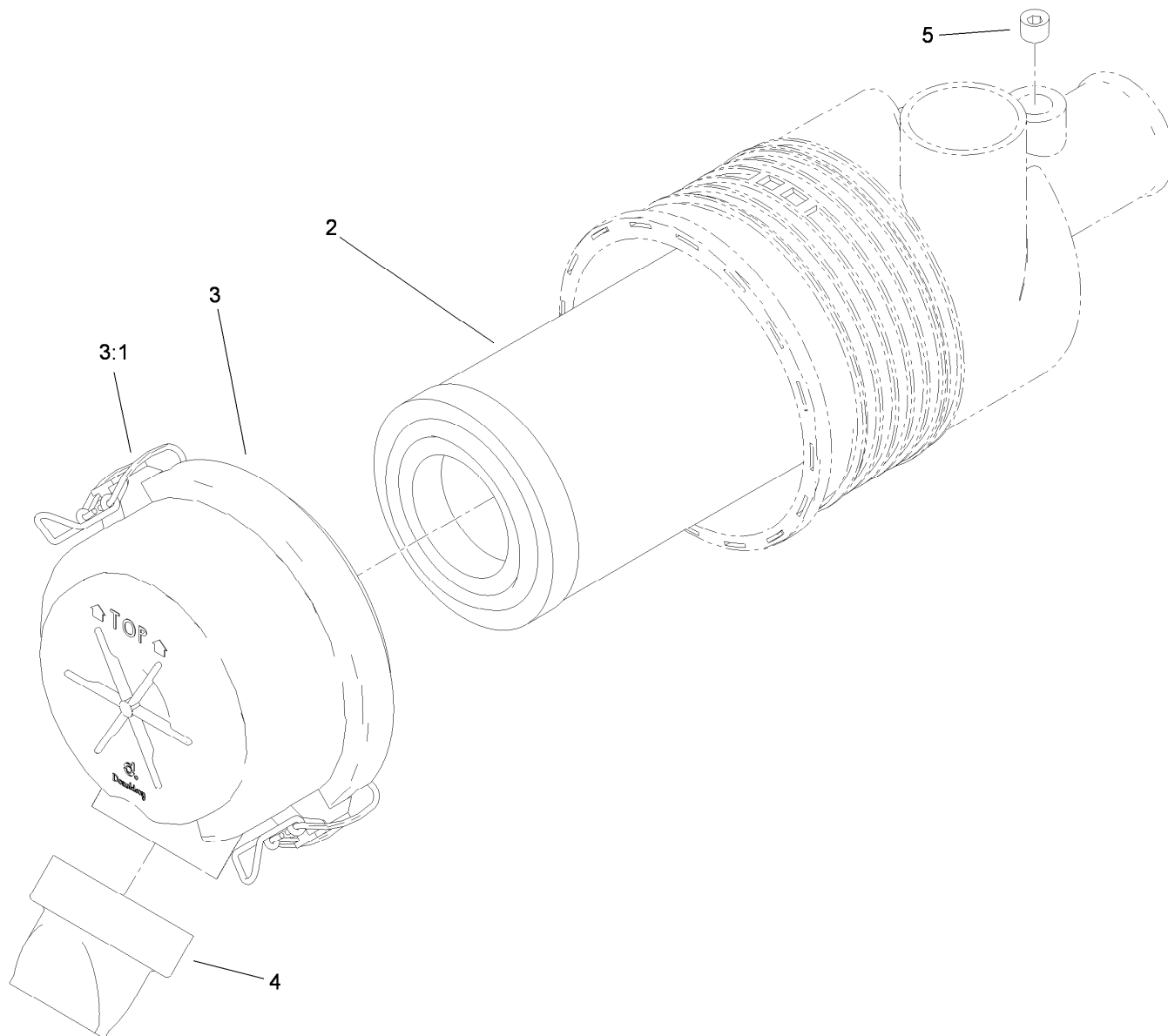
| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 50   | 33105-035   | 1    | Screw-HHF   |
| 51   | 322-6       | 1    | Screw-HH    |
| 52   | 33013-00    | 1    | Nut-Hex     |
| 53   | 63-7790     | 2    | Screw-Cap   |



## Radiator, Fuel Pump and Air Cleaner Assembly

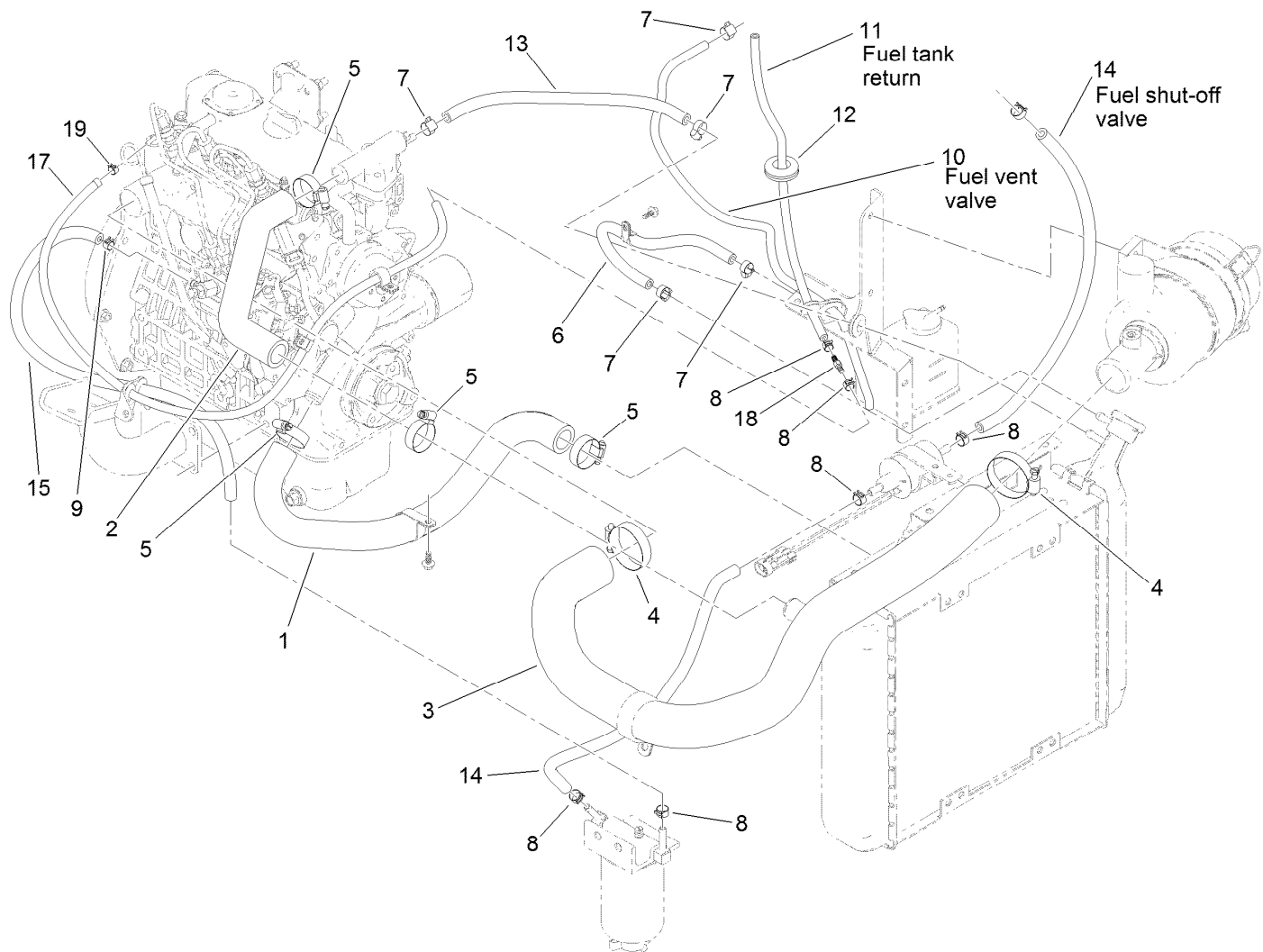
| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 1    | 117-9307-03 | 1    | Panel-Seal, Radiator          |
| 2    | 117-9296    | 1    | Shroud-Radiator               |
| 3    | 117-9308    | 1    | Trim-Seal                     |
| 4    | 115-5765    | 1    | Fan                           |
| 5    | 120-5260    | 1    | Tank-Overflow                 |
| 6    | 1-643164    | 1    | Cap-Tank, Overflow            |
| 7    | 131-2099-03 | 1    | Bracket                       |
| 8    | 95-5806     | 1    | Bracket-Mounting, Air Cleaner |
| 9    | 95-5805     | 1    | Air Cleaner ASM               |
| 10   | 120-4848    | 1    | Hood-Inlet, Air               |
| 11   | 322-4       | 2    | Screw-HH                      |
| 12   | 104-8300    | 4    | Nut-HF, NI                    |
| 13   | 3256-23     | 2    | Washer-Plain                  |
| 14   | 322-6       | 2    | Screw-HH                      |
| 15   | 117-9311-03 | 1    | Screen                        |
| 16   | 99-6810     | 13   | Screw-HHF                     |
| 17   | 110-8451    | 4    | Nut-Hex, NI                   |
| 18   | 33103-020   | 4    | Screw-HHF                     |
| 19   | 3234-33     | 2    | Screw-HHF                     |
| 20   | 104-7201    | 13   | Nut-HF, NI                    |
| 21   | 119-9038    | 1    | Shroud ASM                    |

| Ref.   | Part Number | Qty. | Description           |
|--------|-------------|------|-----------------------|
| 21:2   | 32117-2     | 1    | Nut-Clinch            |
| 22     | 353-783     | 1    | Fitting-STR           |
| 23     | 110-8817    | 1    | Bracket-Pump, Fuel    |
| 24     | 110-8806    | 1    | Pump-Fuel             |
| 25     | 321-7       | 1    | Screw-HH              |
| 26     | 1-633630    | 1    | Grommet               |
| 28     | 2412-87     | 2    | Clamp-Cable           |
| 29     | 117-9860    | 1    | Radiator              |
| 29:1   | 115-7766    | 1    | Cap-Radiator          |
| 29:1:1 | 106-6755    | 1    | Decal-Cap, Radiator   |
| 30     | 119-9037    | 1    | Clamp-R               |
| 31     | 119-1730    | 2    | Receptacle-Clip, Mini |
| 32     | 119-1729    | 2    | Retainer-Stud         |
| 33     | 120-1957    | 2    | Stud-Rapier           |
| 34     | 107069      | 8    | Clip                  |
| 35     | 3256-22     | 4    | Washer-Flat           |
| 36     | 321-3       | 4    | Screw-HH              |
| 37     | 237-124     | 1    | Grommet               |
| 38     | 115-8155    | 1    | Decal-Warning         |
| 39     | 2412-134    | 1    | Clamp-R               |
| 40     | 2412-92     | 1    | Clamp-Hose            |



## Air Cleaner Assembly No. 95-5805

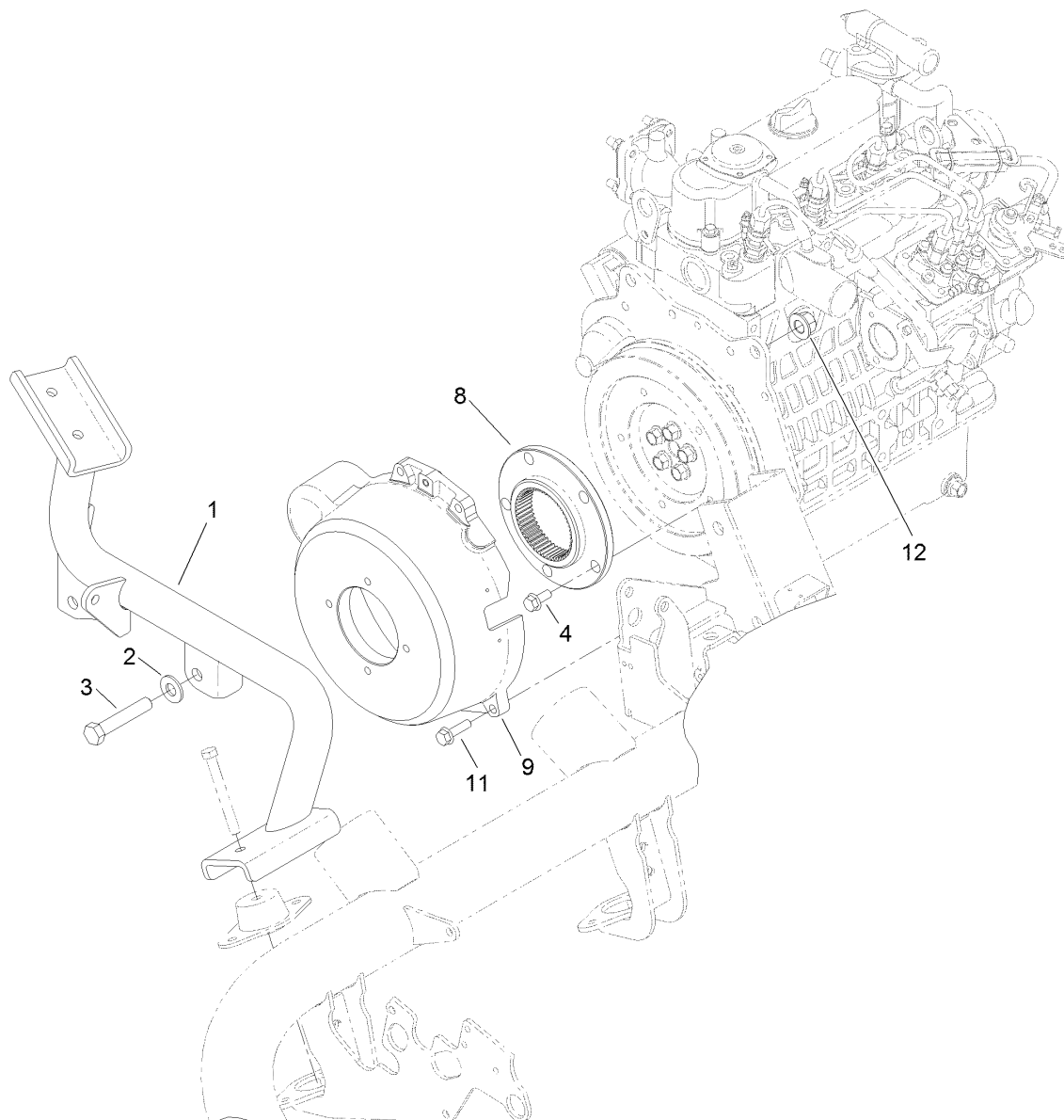
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 2    | 108-3811    | 1    | Filter-Air V-Twin HD |
| 3    | 94-3652     | 1    | Cover ASM            |
| 3:1  | 1-643283    | 2    | Latch-Cleaner, Air   |
| 4    | 87-9400     | 1    | Valve-Vacuator       |
| 5    | 285-17      | 1    | Plug-Pipe            |



## Radiator, Air Hose and Fuel Line Assembly

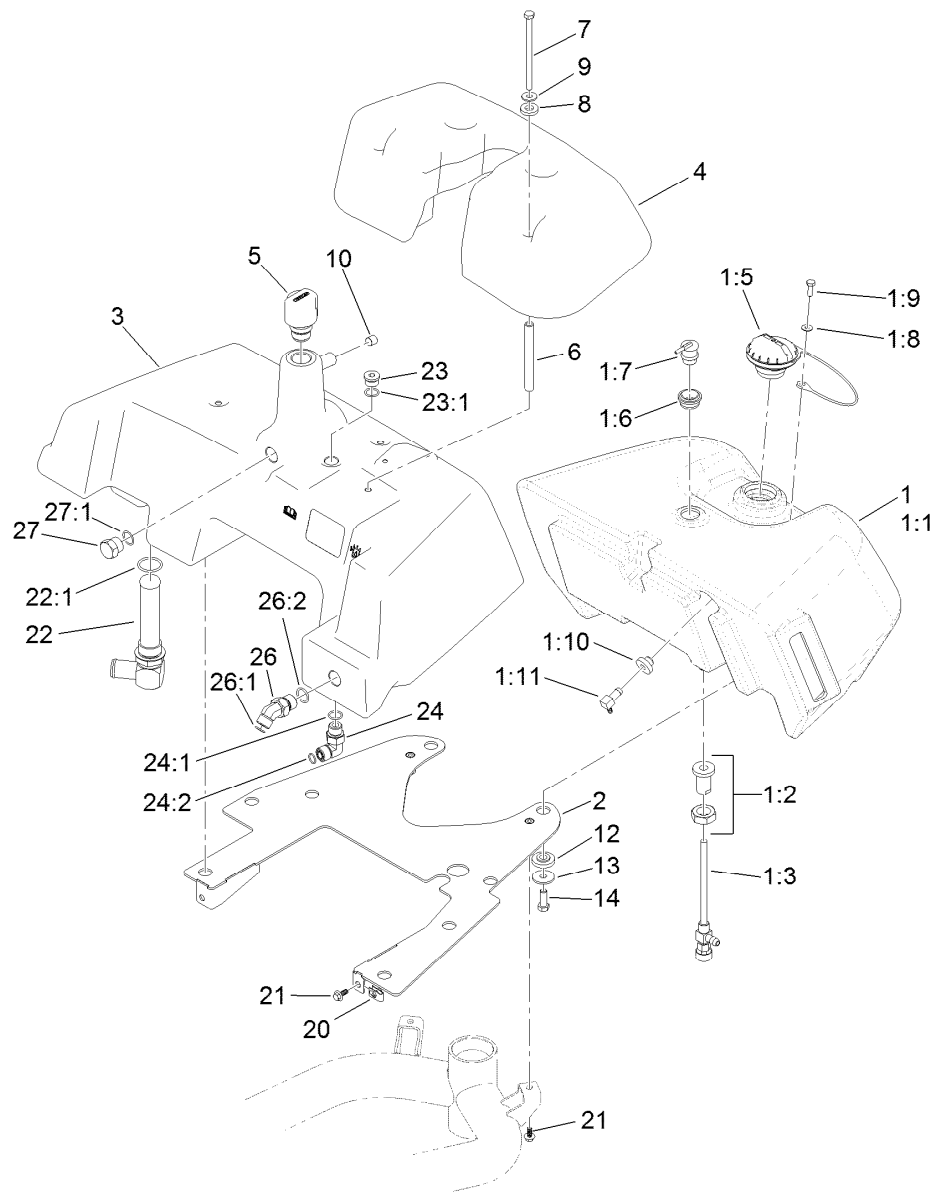
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 117-9268    | 1    | Hose-Radiator, Lower |
| 2    | 117-9261    | 1    | Hose-Radiator, Upper |
| 3    | 117-4481    | 1    | Hose-Air             |
| 4    | 2412-92     | 2    | Clamp-Hose           |
| 5    | 2412-34     | 4    | Clamp-Hose           |
| 6    | 110-4113    | 1    | Hose-Fuel            |
| 7    | 2412-108    | 5    | Clamp-Worm           |
| 8    | 92-2379     | 6    | Clamp-Hose           |
| 9    | 2412-146    | 3    | Clamp-Hose           |

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 10   | 119-6074    | 1    | Hose-Fuel      |
| 11   | 119-8150    | 1    | Hose-Fuel      |
| 12   | 240-4       | 1    | Grommet-Rubber |
| 13   | 119-8136    | 1    | Hose-Fuel      |
| 14   | 110-4109    | 2    | Hose-Fuel      |
| 15   | 110-6187    | 1    | Hose-Fuel      |
| 17   | 119-3517    | 1    | Hose-Fuel      |
| 18   | 120-1996    | 1    | Fitting-STR    |
| 19   | 2412-80     | 1    | Clamp-Hose     |



## Bellhousing Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 119-4470-03 | 1    | Mount-Engine, Rear |
| 2    | 87-7270     | 2    | Washer-Thrust      |
| 3    | 325-11      | 2    | Screw-HH           |
| 4    | 33104-020   | 5    | Screw-HHF          |
| 8    | 115-8727    | 1    | Flange-Coupling    |
| 9    | 132-6994    | 1    | Housing-Bell       |
| 11   | 33104-030   | 5    | Screw-HHF          |
| 12   | 99-5107     | 2    | Nut-HF Nylock      |

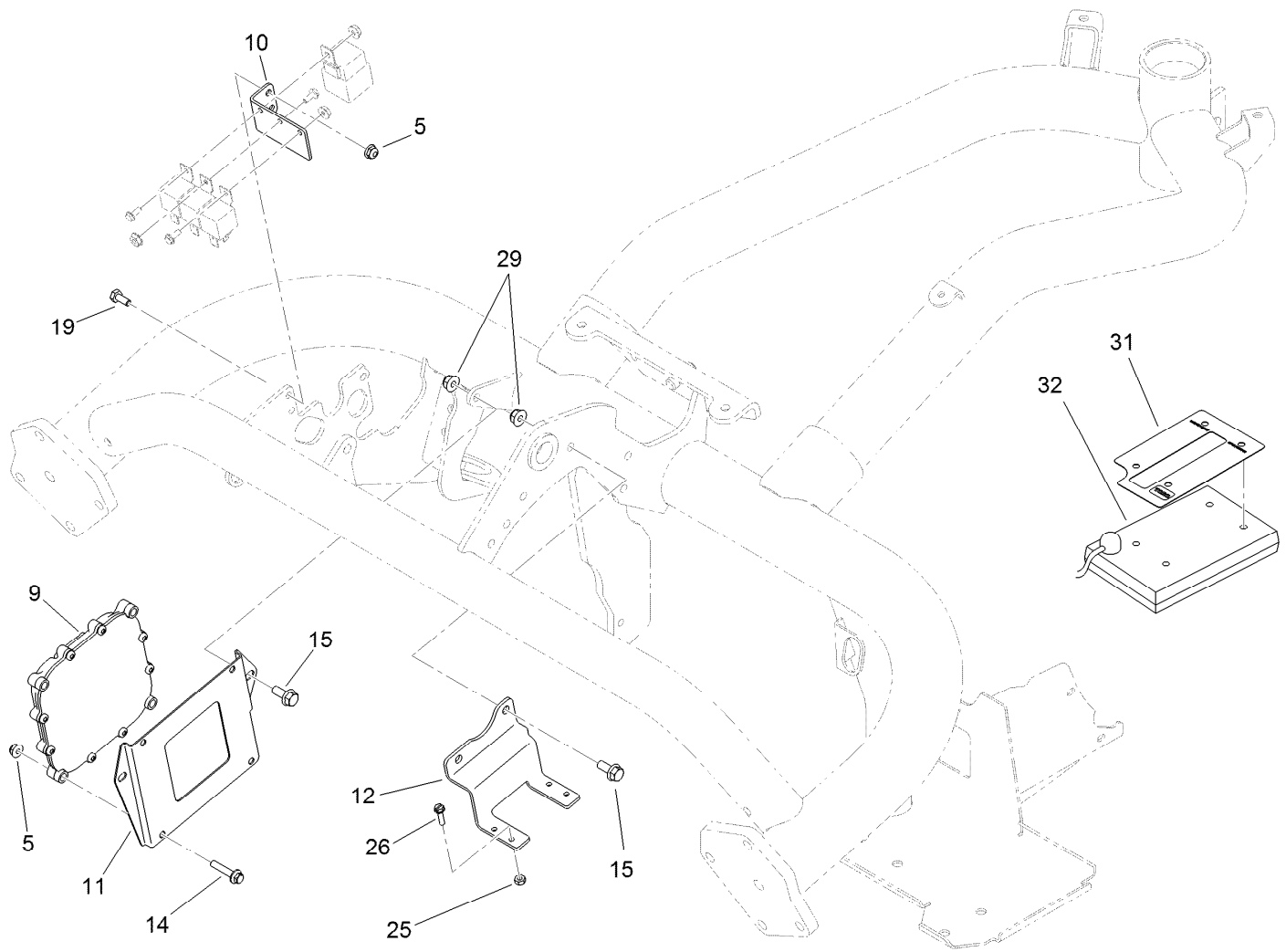


## Fuel and Hydraulic Tank Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 121-9572    | 1    | Fuel Tank ASM          |
| 1:1  |             | 1    | Tank-Fuel, Diesel ●    |
| 1:2  | 114-4677    | 1    | Bulkhead ASM           |
| 1:3  | 114-4679    | 1    | Fitting-Shut Off, Fuel |
| 1:5  | 121-5174    | 1    | Cap-Fuel, Diesel       |
| 1:6  | 114-0284    | 1    | Grommet                |
| 1:7  | 119-3547    | 1    | Valve-Vent, Fuel       |
| 1:8  | 3256-1      | 1    | Washer-Flat            |
| 1:9  | 321-2       | 1    | Screw-HH               |
| 1:10 | 46-6560     | 1    | Bushing                |
| 1:11 | 104-5228    | 1    | Fitting-Elbow, 90 DEG  |
| 2    | 133-8892-03 | 1    | Plate-Mount, Tank      |
| 3    | 115-9823    | 1    | Tank-Hydraulic         |
| 4    | 136-8518    | 1    | Cover-Tank             |
| 5    | 115-9793    | 1    | Breather               |
| 6    | 115-9825    | 4    | Spacer-Tube, Long      |
| 7    | 322-29      | 4    | Screw-HH               |
| 8    | 83-1470     | 4    | Washer-Neoprene        |
| 9    | 3256-71     | 4    | Washer-Flat            |

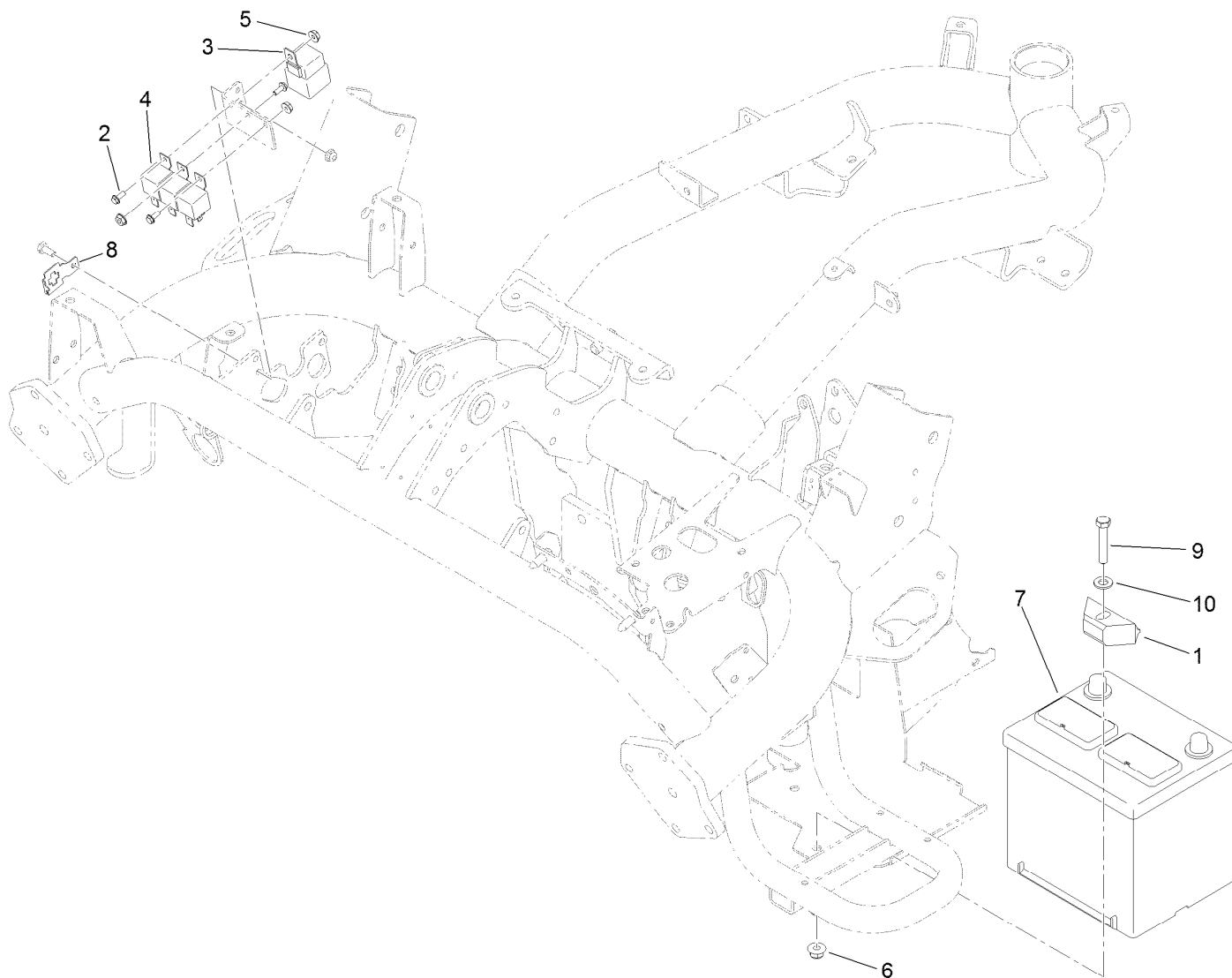
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 99-8551     | 1    | Plug-Pipe             |
| 12   | 240-11      | 8    | Bushing-Flange        |
| 13   | 63-8410     | 8    | Washer                |
| 14   | 323-6       | 8    | Screw-HH              |
| 20   | 107069      | 2    | Clip                  |
| 21   | 99-6810     | 4    | Screw-HHF             |
| 22   | 105-0204    | 1    | Strainer Fitting ASM  |
| 22:1 | 237-146     | 1    | O-Ring                |
| 23   | 353-988     | 1    | Plug-Hex              |
| 23:1 | 237-79      | 1    | O-Ring                |
| 24   | 340-98      | 1    | Fitting-Elbow, 90 DEG |
| 24:1 | 237-79      | 1    | O-Ring                |
| 24:2 | 237-30      | 1    | O-Ring                |
| 26   | 340-89      | 1    | Fitting-HYD, 45 DEG   |
| 26:1 | 237-30      | 1    | O-Ring                |
| 26:2 | 237-80      | 1    | O-Ring                |
| 27   | 353-551     | 1    | Plug-HH               |
| 27:1 | 237-80      | 1    | O-Ring                |

● Not serviced separately



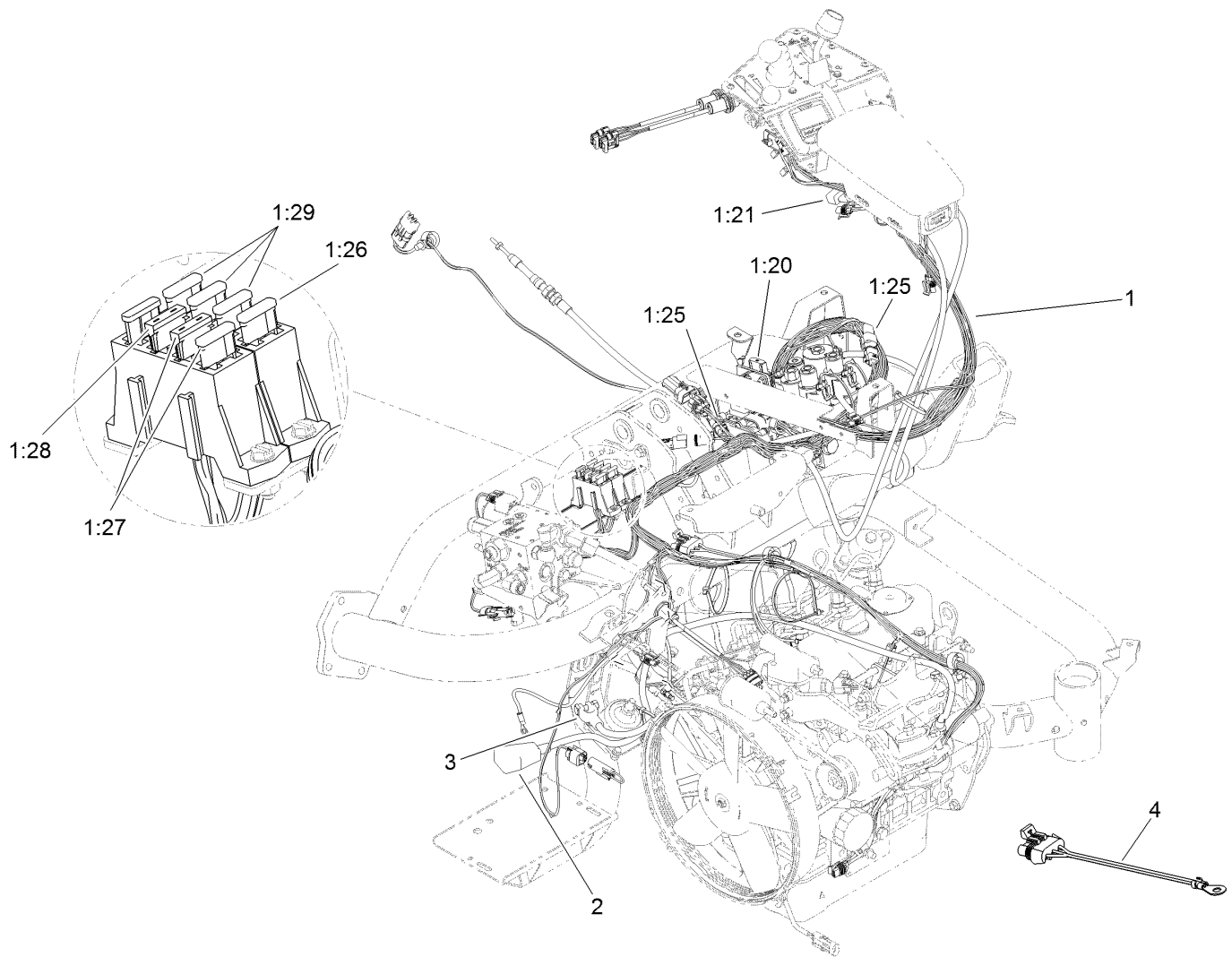
## Controller Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 5    | 104-7201    | 6    | Nut-HF, NI                 |
| 9    | 115-1900    | 1    | Controller                 |
| 10   | 119-2097-01 | 1    | Bracket-Relay              |
| 11   | 119-2099-01 | 1    | Plate-Mounting, Controller |
| 12   | 119-2119-01 | 1    | Bracket-Block, Fuse        |
| 14   | 3234-21     | 4    | Screw-HHF                  |
| 15   | 3234-47     | 4    | Screw-HHF                  |
| 19   | 321-3       | 2    | Screw-HH                   |
| 25   | 3296-2      | 4    | Nut-Lock, NI               |
| 26   | 32105-13    | 4    | Screw-HWH                  |
| 29   | 104-8300    | 4    | Nut-HF, NI                 |
| 31   | 115-8227    | 1    | Decal-Controller           |
| 32   | 85-4750     | 1    | Box-Display, Diagnostic    |



## Battery Assembly

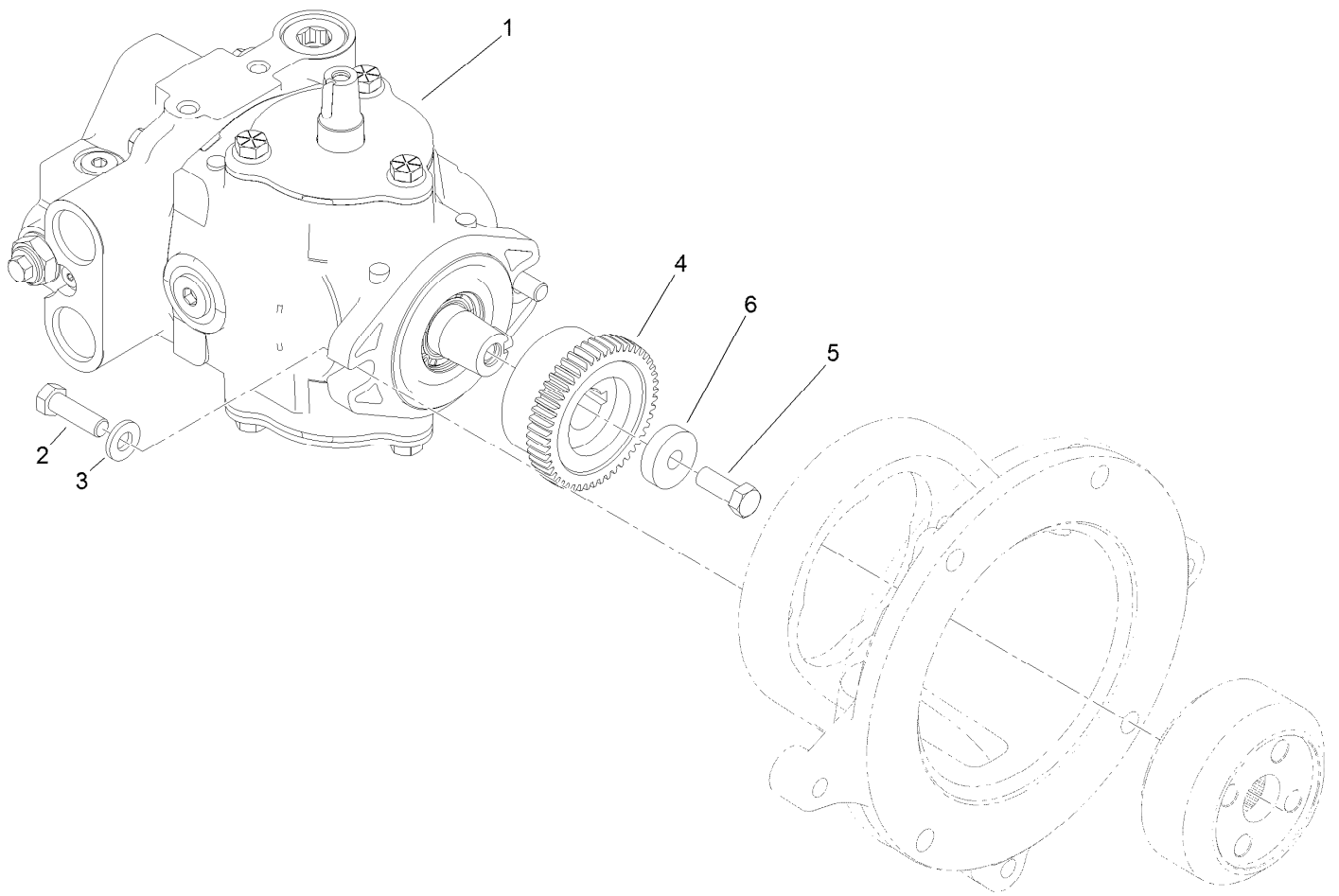
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 66-2490     | 1    | Retainer-Battery           |
| 2    | 112-6349    | 3    | Screw-HWH                  |
| 3    | 99-7430     | 1    | Relay-Mini                 |
| 4    | 99-7435     | 3    | Relay                      |
| 5    | 32149-8     | 3    | Nut-Keps                   |
| 6    | 104-8301    | 1    | Nut-HF, NI                 |
| 7    | 106-5187    | 1    | Battery- Dry, 12V, 525 CCA |
| 8    | 114-5502    | 1    | Clip-Fuse                  |
| 9    | 323-10      | 1    | Screw-HH                   |
| 10   | 3256-24     | 1    | Washer-Plain               |



## Wire Harness Assembly

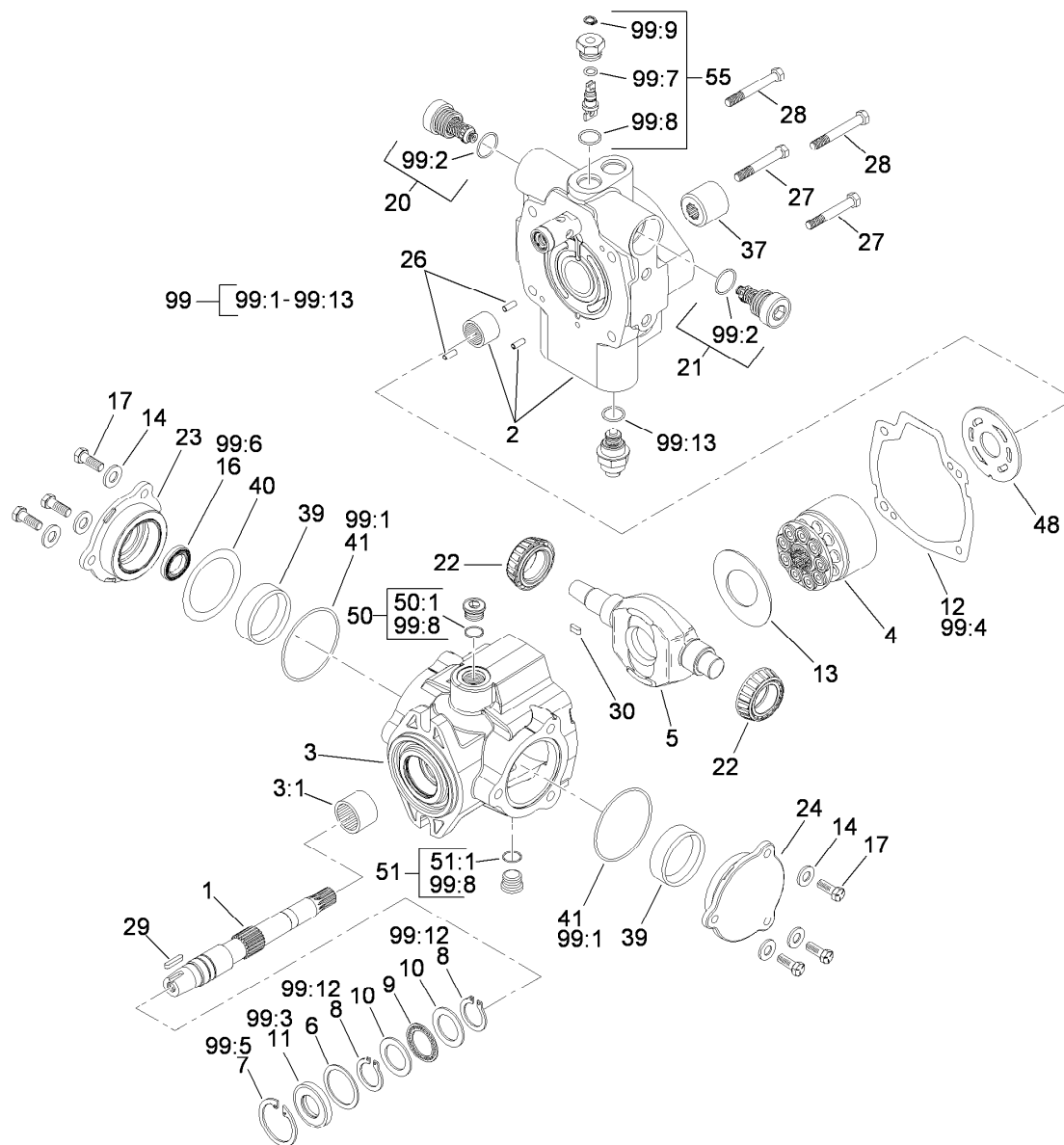
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 122-0862    | 1    | Harness-Wire               |
| 1:15 | 100-4918    | 1    | Diode ●                    |
| 1:20 | 94-8002     | 1    | Fuse-Blade, 50 Amp         |
| 1:21 | 104-4022    | 1    | Resistor-75 Ohm            |
| 1:25 | 32180-043   | 2    | Resistor-120 Ohm           |
| 1:26 | 94-6710     | 1    | Fuse-2 Amp                 |
| 1:27 | 218-578     | 2    | Fuse-Blade, 10 Amp         |
| 1:28 | 109355      | 1    | Fuse-Blade, 15 Amp         |
| 1:29 | 114241      | 3    | Fuse-Blade, 7.5 Amp        |
| 2    | 114-9747    | 1    | Cable-Battery, Positive    |
| 3    | 115-8135    | 1    | Cable-Battery, Negative    |
| 4    | 99-3441     | 1    | Harness-Wire, Fusible Link |

● Not illustrated



## Pump Coupling Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 121-9558           | 1           | HYD Pump ASM       |
| 2           | 323-7              | 2           | Screw-HH           |
| 3           | 100-4852           | 2           | Washer-Hardened    |
| 4           | 119-4418           | 1           | Coupling           |
| 5           | 3211-4             | 1           | Screw-HH           |
| 6           | 117-3657           | 1           | Spacer             |



## Hydraulic Pump Assembly No. 121-9558

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 119-7148    | 1    | Shaft-Drive, Tapered |
| 2    | 121-9574    | 1    | Endcover ASM         |
| 3    | 100-3176    | 1    | Housing ASM          |
| 3:1  | 94-6363     | 1    | Bearing              |
| 4    | 76-6070     | 1    | Rotating Kit         |
| 5    | 104-4888    | 1    | Swashplate           |
| 6    | 33-3720     | 1    | Washer               |
| 7    | 32151-13    | 1    | Ring-Retaining       |
| 8    | 32151-29    | 2    | Ring-Retaining       |
| 9    | 252-66      | 1    | Bearing-Thrust       |
| 10   | 252-71      | 2    | Washer-Thrust        |
| 11   | 104-4861    | 1    | Seal-Shaft           |
| 12   | 33-4930     | 1    | Gasket-Housing       |
| 13   | 98-4635     | 1    | Insert-Plate, Cam    |
| 14   | 105-9762    | 6    | Washer               |
| 16   | 76-6190     | 1    | Seal-Shaft           |
| 17   | 98-4640     | 6    | Screw-Cap            |
| 20   | 120-1989    | 1    | Relief Valve ASM     |

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 21   | 120-1989    | 1    | Relief Valve ASM |
| 22   | 98-4639     | 2    | Bearing-Cone     |
| 23   | 98-4645     | 1    | Plate-Cover      |
| 24   | 98-4644     | 1    | Plate-Cover      |
| 26   | 76-6150     | 2    | Pin-Dowel        |
| 27   | 76-6160     | 2    | Capscrew         |
| 28   | 76-6170     | 2    | Capscrew         |
| 29   | 120-5751    | 1    | Key              |
| 30   | 94-3646     | 1    | Key              |
| 37   | 74-9040     | 1    | Coupler          |
| 39   | 104-4046    | 2    | Bearing-Cup      |
| 40   | 100-3182    | 1    | Shim Kit         |
| 41   | 100-3179    | 2    | O-Ring           |
| 48   | 100-3180    | 1    | Plate-Valve      |
| 50   | 74-9280     | 1    | Plug ASM         |
| 50:1 |             | 1    | O-Ring ■         |
| 51   | 74-9280     | 1    | Plug ASM         |
| 51:1 |             | 1    | O-Ring ■         |

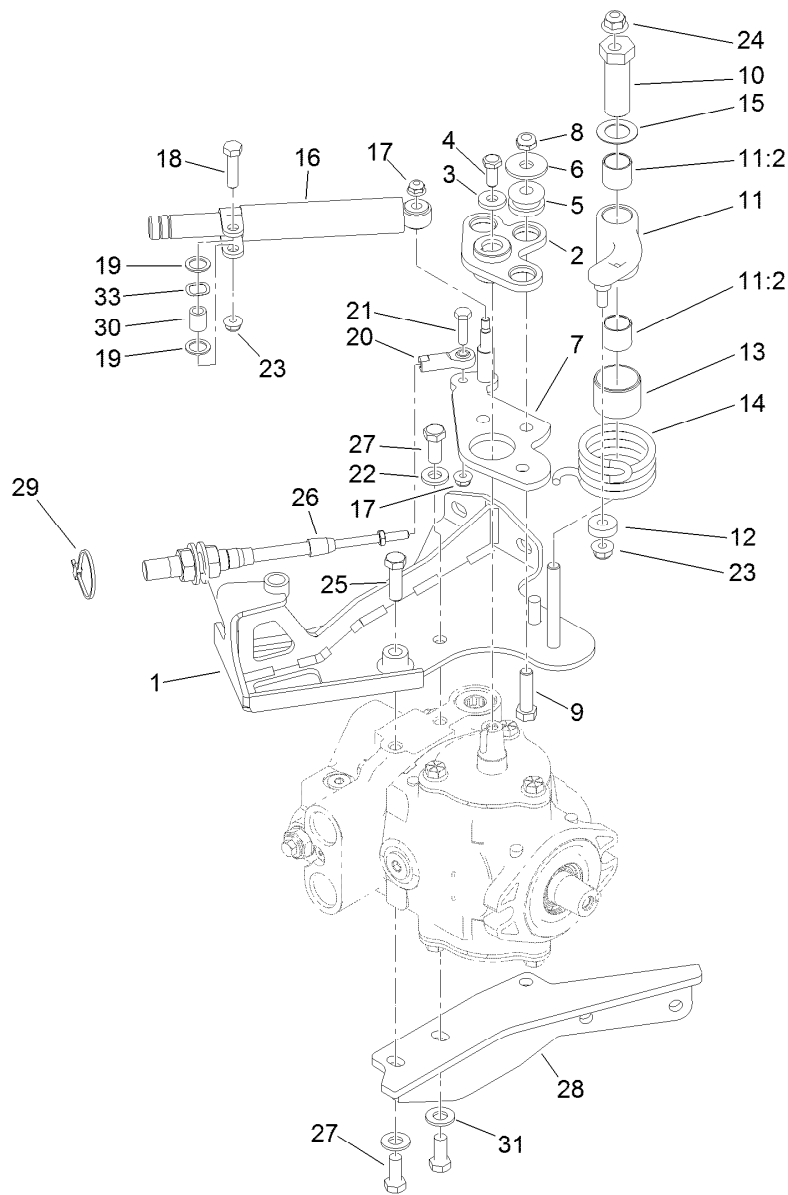
● Not illustrated

■ Not serviced separately



| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 99:7        |                    | 1           | O-Ring ■           |
| 99:8        |                    | 5           | O-Ring ■           |
| 99:9        |                    | 1           | Ring-Retaining ■   |
| 99:10       |                    | 1           | O-Ring ● ■         |
| 99:11       |                    | 1           | O Ring-Molded ● ■  |
| 99:12       |                    | 2           | Ring-Retaining ■   |
| 99:13       |                    | 1           | O-Ring ● ■         |

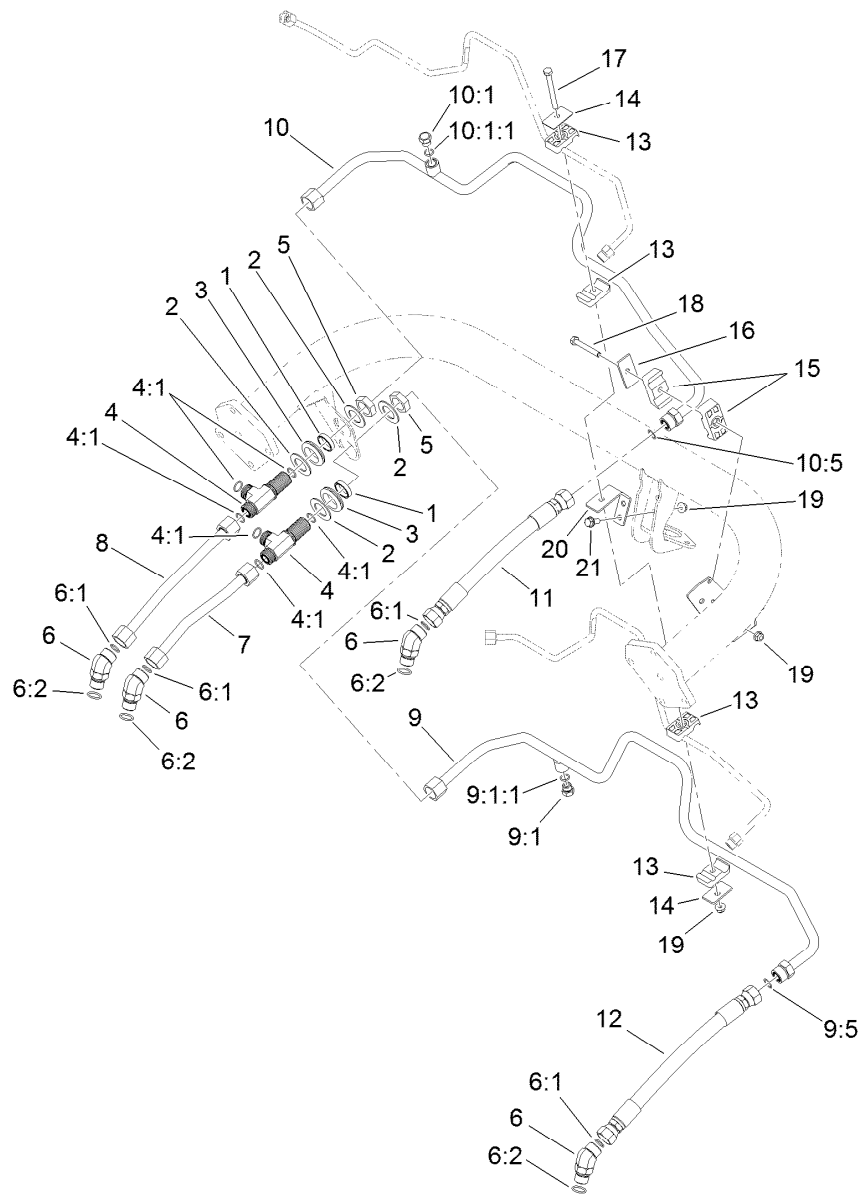
■ Not serviced separately



## Neutral Centering Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 120-2016    | 1    | Support-Cable    |
| 2    | 132-9582    | 1    | Plate            |
| 3    | 88-7200     | 1    | Washer-Flat      |
| 4    | 3235-6      | 1    | Screw-HH         |
| 5    | 63-9750     | 3    | Mount            |
| 6    | 93-8806     | 3    | Washer-Hardened  |
| 7    | 117-9061    | 1    | Lever-Pump       |
| 8    | 3296-59     | 3    | Nut-Lock, NI     |
| 9    | 323-29      | 3    | Screw-HH         |
| 10   | 117-9046    | 1    | Stud-Eccentric   |
| 11   | 117-9053    | 1    | Neutral Arm ASM  |
| 11:2 | 94-9609     | 2    | Bushing-Straight |
| 12   | 251-259     | 1    | Bearing-Ball     |
| 13   | 136-8418    | 1    | Bushing          |
| 14   | 117-9047    | 1    | Spring-Torsion   |
| 15   | 119-8199    | 1    | Washer-Nylon     |
| 16   | 76-8870     | 1    | Damper-Lever     |

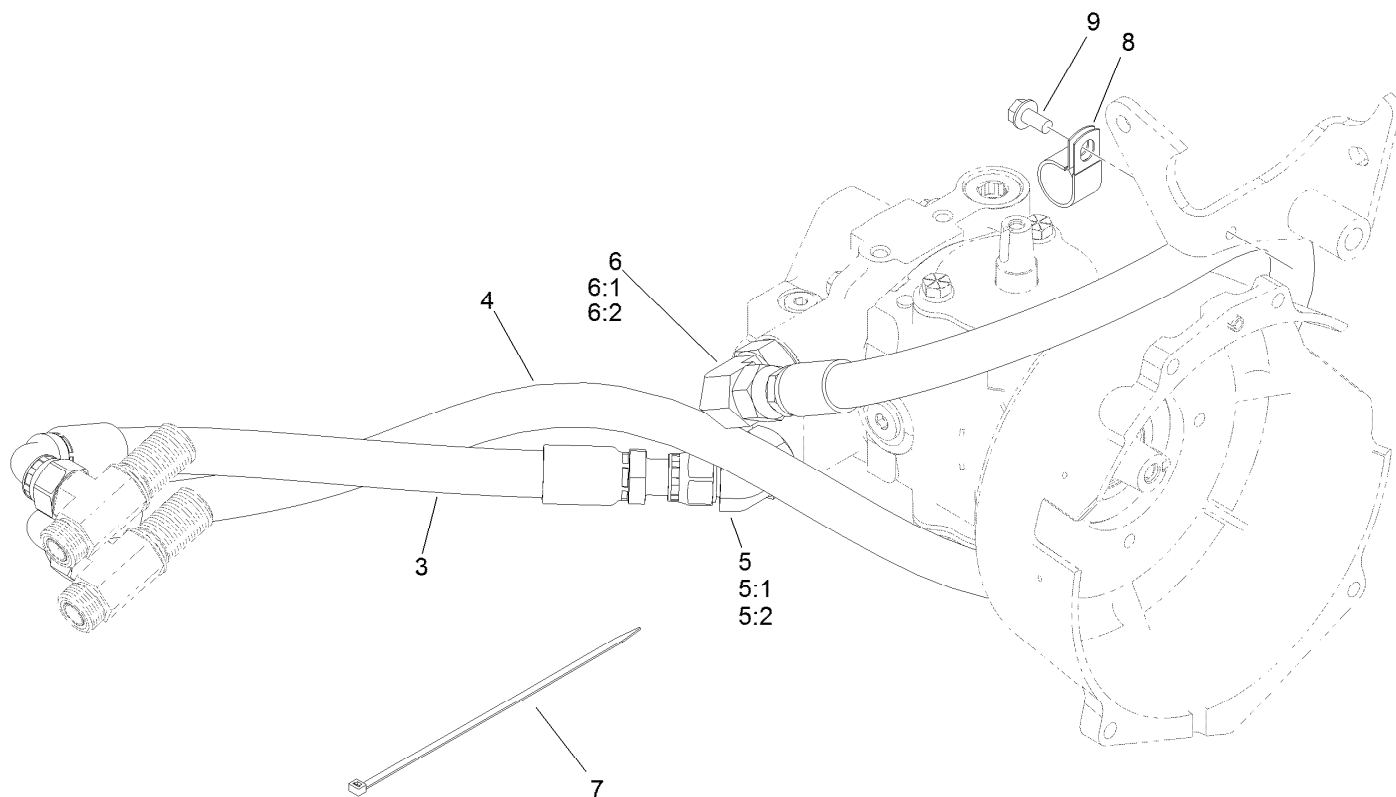
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 17   | 104-7201    | 2    | Nut-HF, NI              |
| 18   | 322-6       | 1    | Screw-HH                |
| 19   | 94-8196     | 2    | Washer-Nylon            |
| 20   | 2411-41     | 1    | Rod End-Ball Joint      |
| 21   | 321-6       | 1    | Screw-HH                |
| 22   | 100-4852    | 1    | Washer-Hardened         |
| 23   | 104-8300    | 2    | Nut-HF, NI              |
| 24   | 104-8301    | 1    | Nut-HF, NI              |
| 25   | 323-7       | 1    | Screw-HH                |
| 26   | 119-1734    | 1    | Cable-Control, Traction |
| 27   | 323-5       | 3    | Screw-HH                |
| 28   | 119-4474    | 1    | Bracket-Muffler         |
| 29   | 3290-379    | 1    | Tie-Cable               |
| 30   | 94-8197     | 1    | Tube-Pivot              |
| 31   | 100-4852    | 2    | Washer-Hardened         |
| 33   | 108473      | 1    | Washer-Wave             |



## Traction Drive Hydraulic Line Assembly

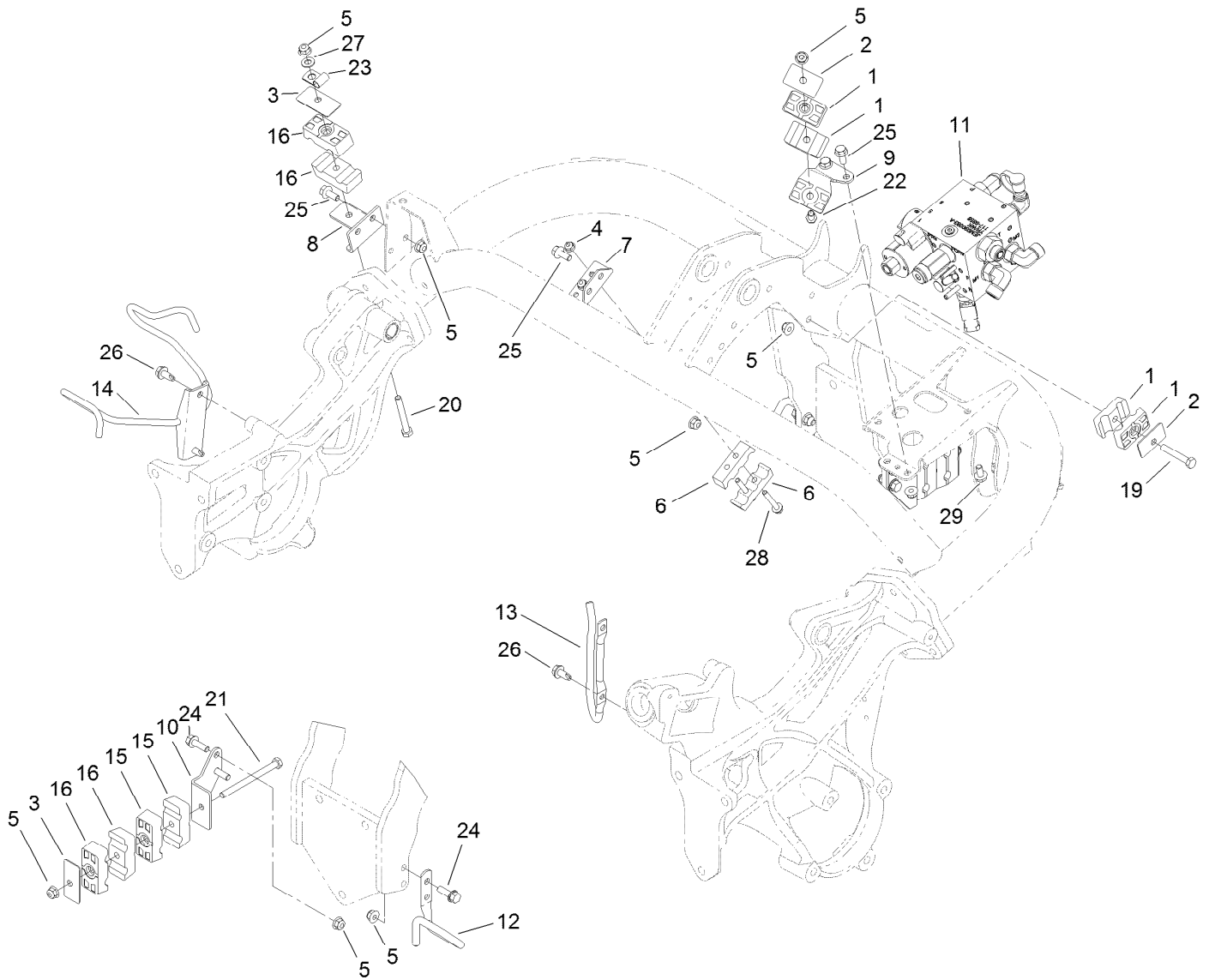
| Ref.  | Part Number | Qty. | Description         |
|-------|-------------|------|---------------------|
| 1     | 125-1984    | 2    | Spacer              |
| 2     | 69-9010     | 4    | Washer              |
| 3     | 240-3       | 2    | Grommet-Rubber      |
| 4     | 94-5350     | 2    | Fitting-Tee         |
| 4:1   | 237-65      | 3    | O-Ring              |
| 5     | 340-74      | 2    | Nut-Lock, Bulkhead  |
| 6     | 340-14      | 4    | Fitting-HYD, 45 DEG |
| 6:1   | 237-65      | 1    | O-Ring              |
| 6:2   | 237-80      | 1    | O-Ring              |
| 7     | 119-2057    | 1    | Tube-HYD            |
| 8     | 119-2058    | 1    | Tube-HYD            |
| 9     | 119-2063    | 1    | Tube-HYD            |
| 9:1   | 353-508     | 1    | Plug-HH             |
| 9:1:1 | 237-42      | 1    | O-Ring              |
| 9:5   | 237-65      | 1    | O-Ring              |

| Ref.   | Part Number | Qty. | Description  |
|--------|-------------|------|--------------|
| 10     | 119-2064    | 1    | HYD Tube ASM |
| 10:1   | 353-508     | 1    | Plug-HH      |
| 10:1:1 | 237-42      | 1    | O-Ring       |
| 10:5   | 237-65      | 1    | O-Ring       |
| 11     | 115-9484    | 1    | Hose-HYD     |
| 12     | 115-9485    | 1    | Hose-HYD     |
| 13     | 56-7970     | 4    | Clamp-Tube   |
| 14     | 69-9760     | 2    | Plate-Cover  |
| 15     | 119-8173    | 2    | Clamp-Tube   |
| 16     | 69-9761     | 1    | Plate-Cover  |
| 17     | 322-20      | 1    | Screw-HH     |
| 18     | 322-12      | 1    | Screw-HH     |
| 19     | 104-8300    | 4    | Nut-HF, NI   |
| 20     | 119-2092    | 1    | Bracket-Tube |
| 21     | 3234-47     | 2    | Screw-HHF    |



## Traction Drive Hose Routing Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 3    | 125-5169    | 1    | Hose-HYD         |
| 4    | 120-1967    | 1    | Hose-HYD         |
| 5    | 340-156     | 1    | Fitting-Elbow 45 |
| 5:1  | 237-65      | 1    | O-Ring           |
| 5:2  | 237-81      | 1    | O-Ring           |
| 6    | 340-139     | 1    | Fitting-Elbow 90 |
| 6:1  | 237-81      | 1    | O-Ring           |
| 6:2  | 237-65      | 1    | O-Ring           |
| 7    | 3290-378    | 1    | Tie-Cable        |
| 8    | 2412-39     | 1    | Clamp-R          |
| 9    | 32144-14    | 1    | Screw-HWHTF      |

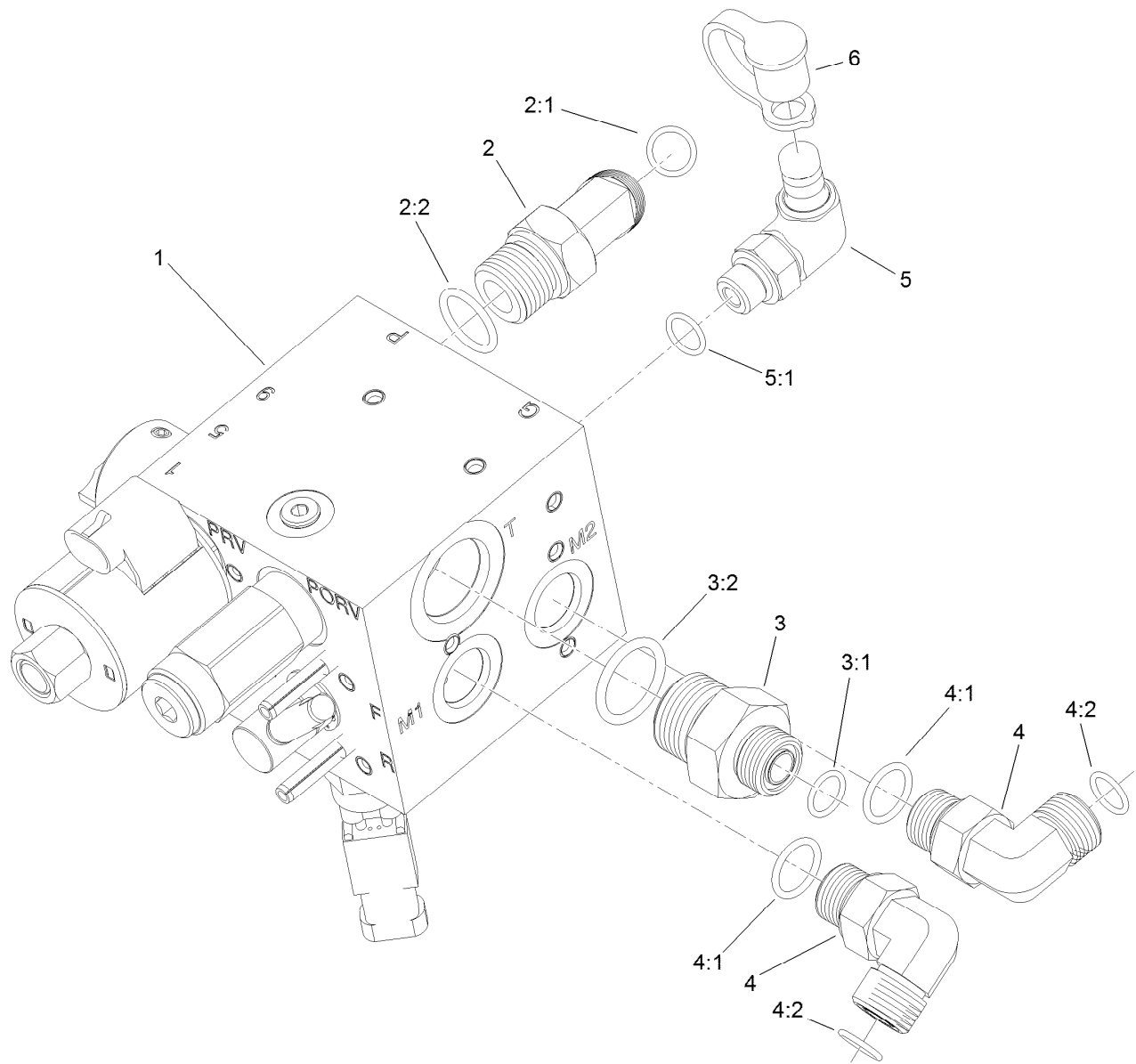


## Hydraulic Mow Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 56-7972     | 4    | Clamp-Tube            |
| 2    | 69-9760     | 2    | Plate-Cover           |
| 3    | 69-9761     | 2    | Plate-Cover           |
| 4    | 104-7201    | 2    | Nut-HF, NI            |
| 5    | 104-8300    | 14   | Nut-HF, NI            |
| 6    | 119-2082    | 2    | Clamp-Tube            |
| 7    | 119-2091    | 1    | Bracket-Tube          |
| 8    | 119-2095    | 1    | Bracket-Tube          |
| 9    | 119-2106    | 1    | Bracket-Clamp         |
| 10   | 119-4493    | 1    | Bracket-Support, Tube |
| 11   |             | 1    | Mow Manifold ASM ●    |
| 12   | 121-6671    | 1    | Wireform Hose Support |
| 13   | 121-6667    | 1    | Wireform-Hose, HYD    |
| 14   | 119-8109-03 | 1    | Bracket-Hose          |

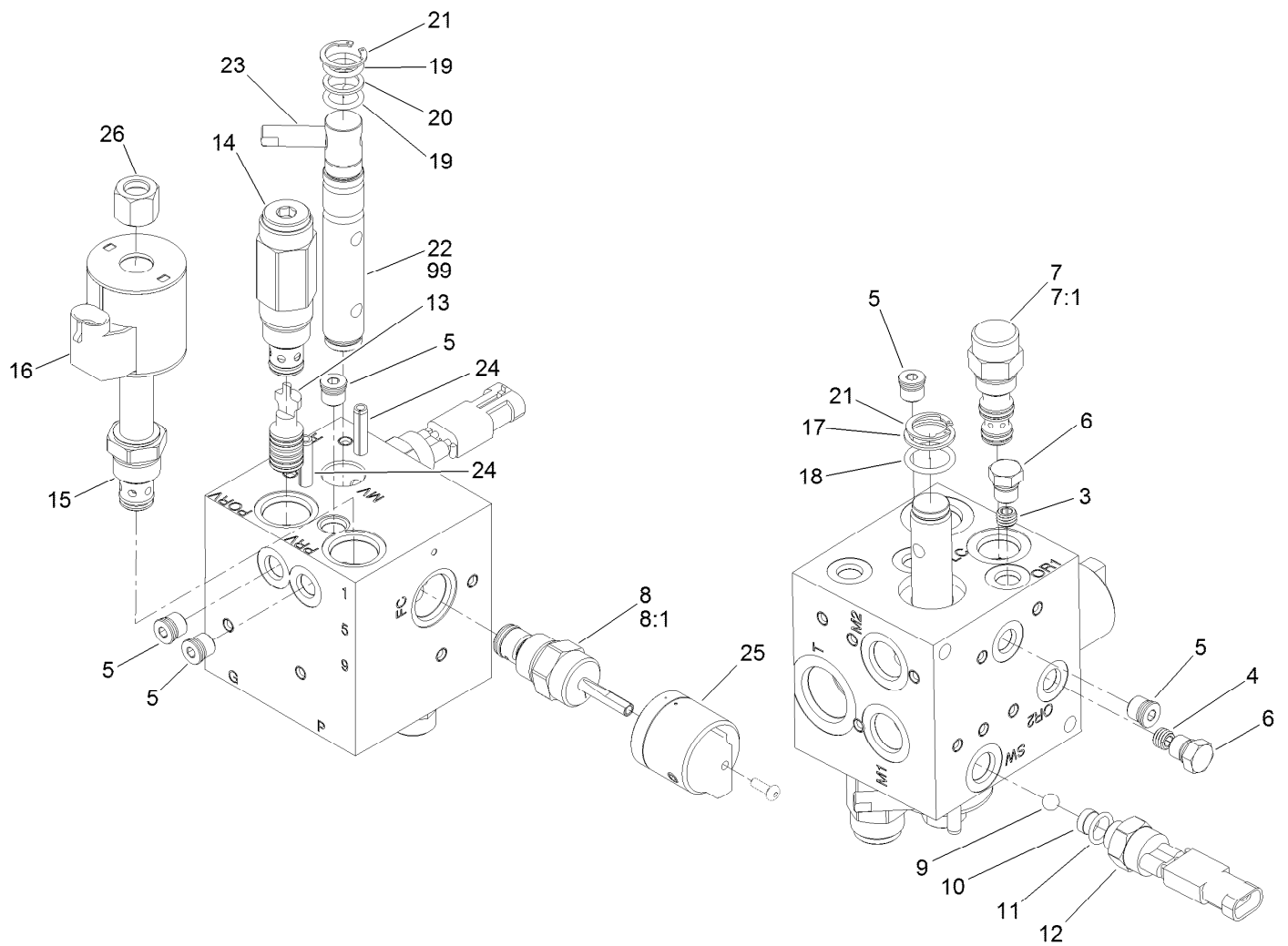
| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 15   | 119-8156    | 2    | Clamp-Tube   |
| 16   | 119-8168    | 4    | Clamp-Tube   |
| 19   | 322-10      | 1    | Screw-HH     |
| 20   | 322-12      | 1    | Screw-HH     |
| 21   | 322-19      | 1    | Screw-HH     |
| 22   | 322-21      | 1    | Screw-HH     |
| 23   | 2412-113    | 1    | Clamp-R      |
| 24   | 3234-29     | 4    | Screw-HHF    |
| 25   | 3234-47     | 6    | Screw-HHF    |
| 26   | 32104-32    | 4    | Screw-HWH    |
| 27   | 3256-23     | 1    | Washer-Plain |
| 28   | 32105-18    | 2    | Screw-HHF    |
| 29   | 3234-7      | 2    | Screw-HHF    |

● Not serviced separately



## Hydraulic Mow Manifold Assembly

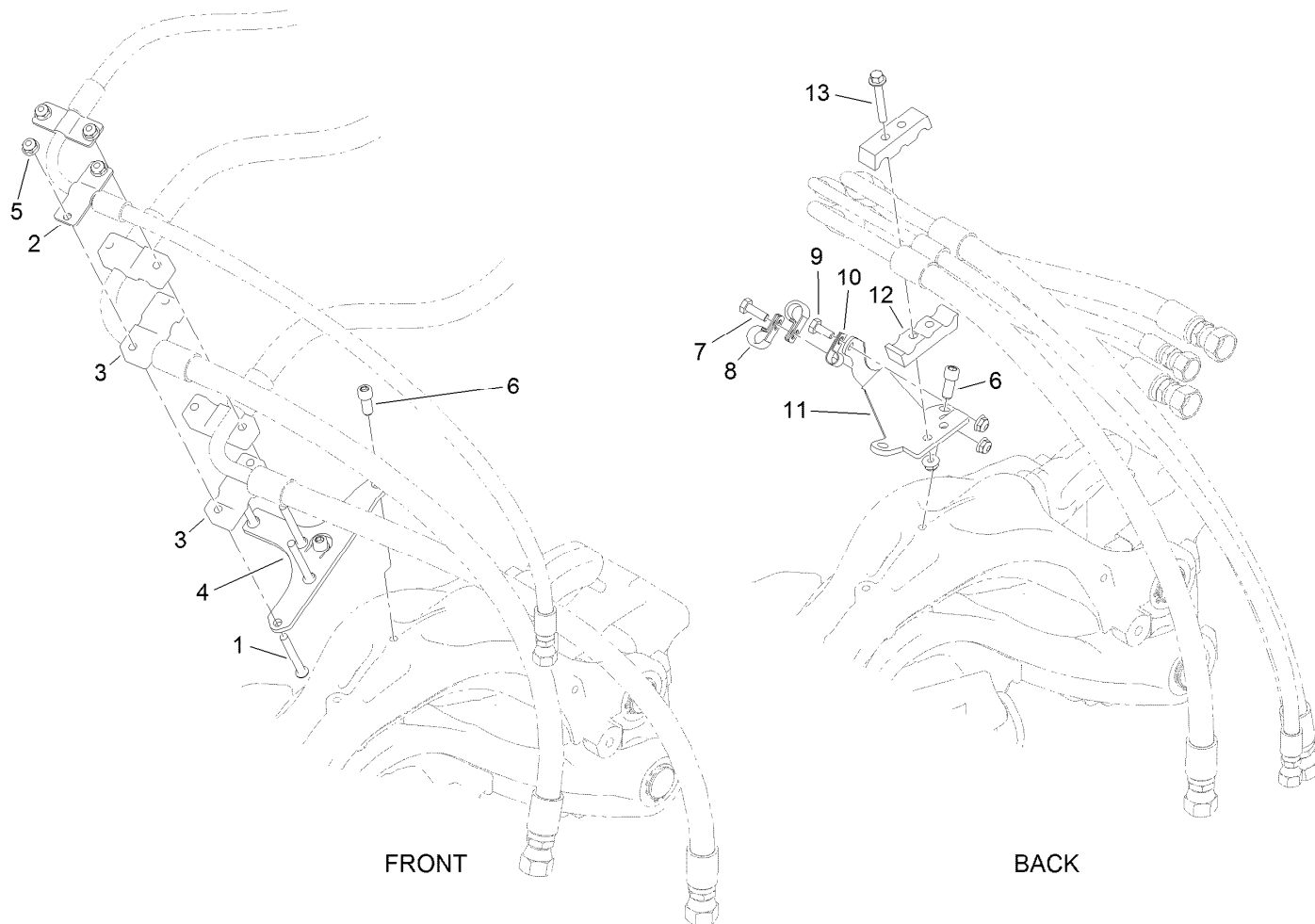
| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 117-9858    | 1    | Manifold-HYD, Mow (Backlap) |
| 2    | 340-89      | 1    | Fitting-HYD, 45 DEG         |
| 2:1  | 237-30      | 1    | O-Ring                      |
| 2:2  | 237-80      | 1    | O-Ring                      |
| 3    | 100-4240    | 1    | Fitting-STR                 |
| 3:1  | 237-30      | 1    | O-Ring                      |
| 3:2  | 237-81      | 1    | O-Ring                      |
| 4    | 340-98      | 2    | Fitting-Elbow, 90 DEG       |
| 4:1  | 237-79      | 1    | O-Ring                      |
| 4:2  | 237-30      | 1    | O-Ring                      |
| 5    | 115-9147    | 1    | Fitting-Elbow, 90 DEG       |
| 5:1  | 237-78      | 1    | O-Ring                      |
| 6    | 354-79      | 1    | Cap-Dust                    |



## Hydraulic Mow Manifold Assembly No. 117-9858

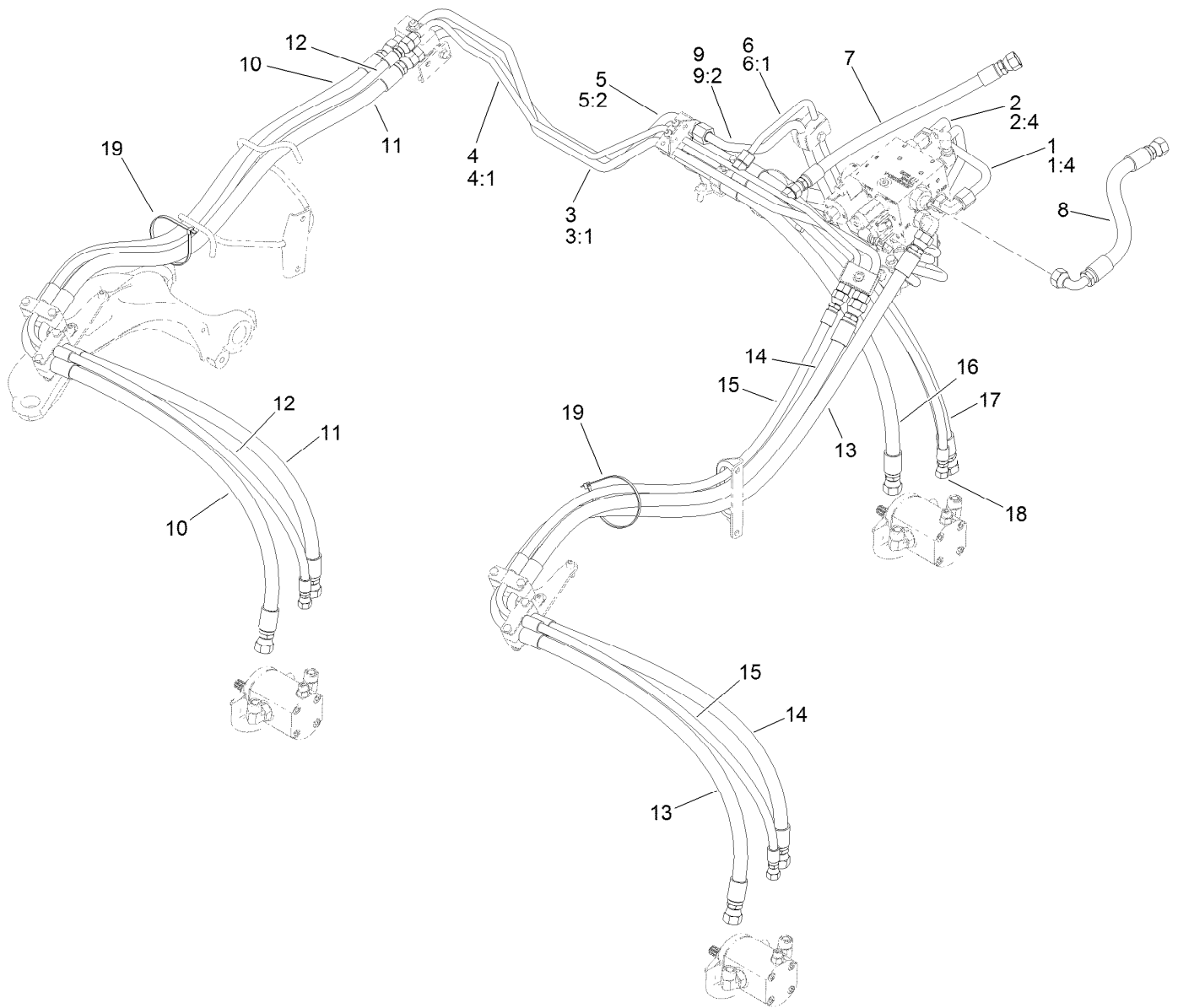
| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 3    | 120-5761    | 1    | Orifice (.020)               |
| 4    | 112-9202    | 1    | Orifice-Flow, Control (.060) |
| 5    | 106-1025    | 3    | Plug-HYD                     |
| 6    | 117-0115    | 2    | Plug                         |
| 7    | 120-5762    | 1    | Element-Logic                |
| 7:1  | 110-8773    | 1    | Seal Kit                     |
| 8    | 110-8769    | 1    | Valve-Control, Manual Flow   |
| 8:1  | 110-2633    | 1    | Seal Kit                     |
| 9    | 117-4605    | 1    | Ball-SS                      |
| 10   | 119-7145    | 1    | Shim-SS                      |
| 11   | 110-8757    | 1    | O-Ring                       |
| 12   | 72-4320     | 1    | Switch-Ball                  |
| 13   | 119-7146    | 1    | Piston-Pilot (With Seals)    |
| 14   | 119-7147    | 1    | Valve-Relief                 |

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 15   | 110-8799    | 1    | Valve-Relief, Proportional |
| 16   | 110-6344    | 1    | Coil-12V, DC               |
| 17   | 106-8139    | 1    | Ring-Back Up               |
| 18   | 117-4607    | 1    | O-Ring                     |
| 19   | 117-4606    | 2    | O-Ring                     |
| 20   | 112-6534    | 1    | Ring-Back Up               |
| 21   | 112-6532    | 2    | Ring-Retaining             |
| 22   | 119-7141    | 1    | Spool                      |
| 23   | 110-8758    | 1    | Handle-Spool               |
| 24   | 112-6531    | 2    | Pin-Spring                 |
| 25   | 119-7140    | 1    | Knob                       |
| 26   | 130-8180    | 1    | Nut-Coil (9/16-24 Unef-2B) |
| 99   | 119-7142    | 1    | Kit-Seal, Spool            |



## Hydraulic Mow Clamp Assembly

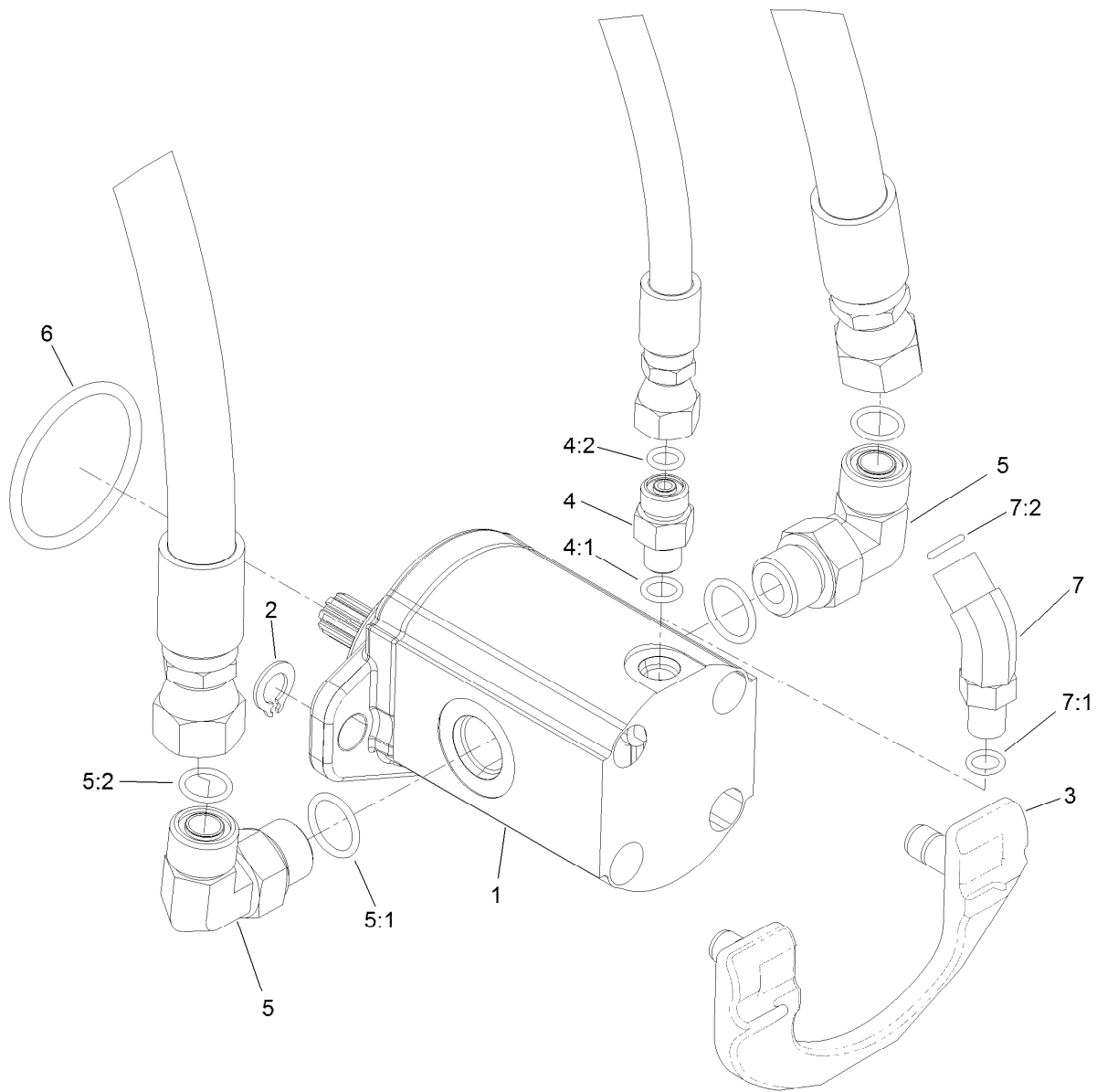
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|---------------------|
| 1           | 120-2011           | 8           | Screw-HSBH          |
| 2           | 119-8142           | 4           | Strap               |
| 3           | 119-8141           | 8           | Clamp-Tube          |
| 4           | 119-8143-03        | 2           | Bracket-Clamp, Hose |
| 5           | 104-7201           | 12          | Nut-HF, NI          |
| 6           | 100-2401           | 6           | Screw-HSH           |
| 7           | 321-4              | 1           | Screw-HH            |
| 8           | 2412-73            | 2           | Clamp-R             |
| 9           | 321-3              | 1           | Screw-HH            |
| 10          | 2412-89            | 1           | Clamp-R             |
| 11          | 119-8172-03        | 1           | Bracket-Hose        |
| 12          | 119-2082           | 2           | Clamp-Tube          |
| 13          | 32105-18           | 2           | Screw-HHF           |



## Hydraulic Mow Hose Routing Assembly

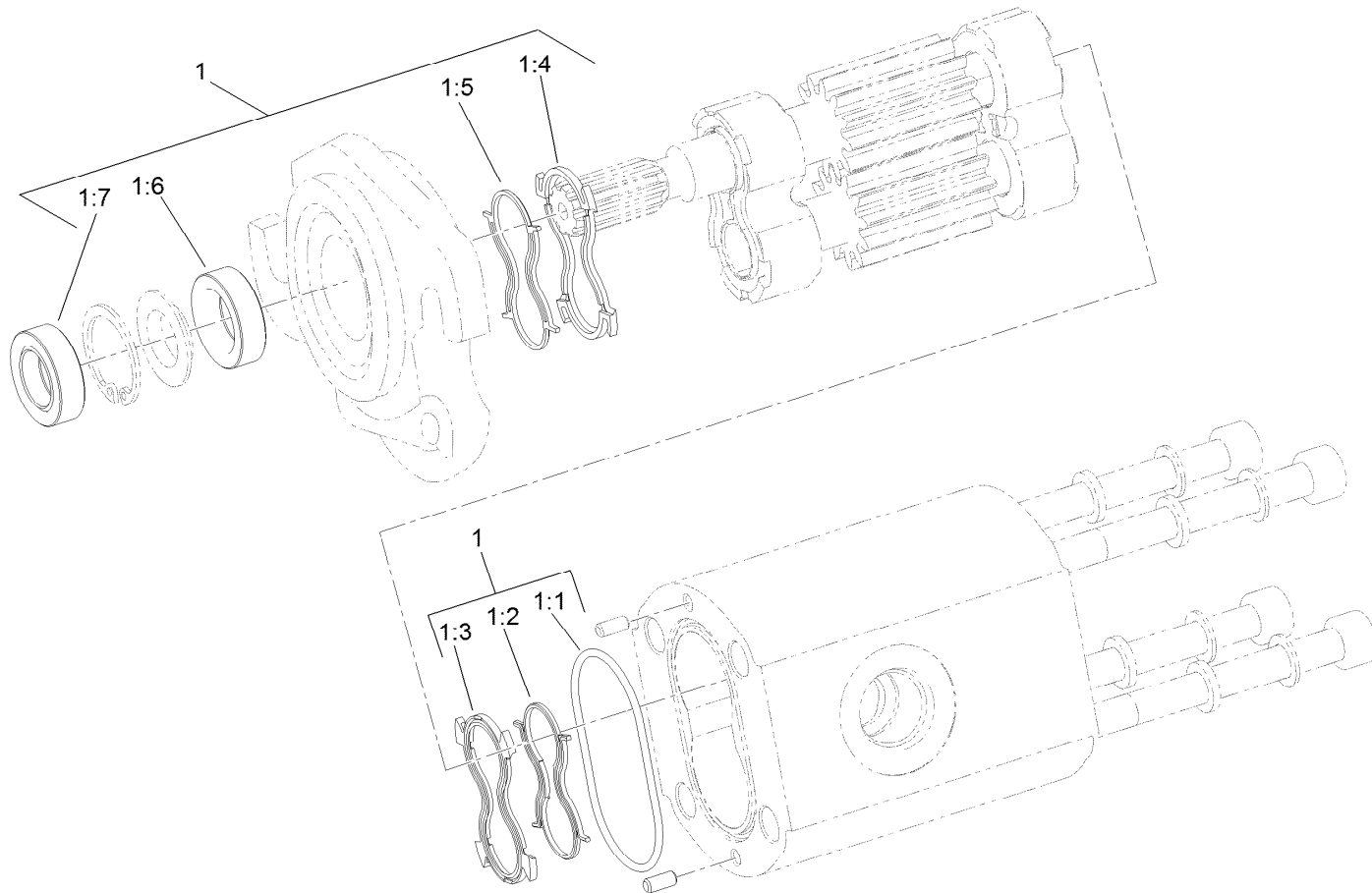
| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 117-9347    | 1    | HYD Tube ASM              |
| 1:4  | 237-30      | 1    | O-Ring                    |
| 2    | 119-2073    | 1    | HYD Tube ASM              |
| 2:4  | 237-30      | 1    | O-Ring                    |
| 3    | 119-2078    | 1    | HYD Tube ASM              |
| 3:1  | 237-30      | 2    | O-Ring                    |
| 4    | 119-2079    | 1    | HYD Tube ASM              |
| 4:1  | 237-22      | 4    | O-Ring                    |
| 5    | 119-2084    | 1    | HYD Tube ASM              |
| 5:2  | 237-30      | 2    | O-Ring                    |
| 6    | 119-2085    | 1    | HYD Tube ASM              |
| 6:1  | 237-22      | 1    | O-Ring                    |
| 7    | 119-2089    | 1    | Hose-HYD (Case To Tank)   |
| 8    | 119-8106    | 1    | Hose-HYD (Mow Block/Tank) |

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 9    | 119-8122    | 1    | HYD Tube ASM              |
| 9:2  | 237-30      | 1    | O-Ring                    |
| 10   | 119-8145    | 1    | Hose-HYD (Pressure No. 3) |
| 11   | 119-8146    | 1    | Hose-HYD (Return No. 3)   |
| 12   | 119-8147    | 1    | Hose-HYD (Case No. 3)     |
| 13   | 119-8157    | 1    | Hose-HYD (Pressure No. 2) |
| 14   | 119-8158    | 1    | Hose-HYD (Return No. 2)   |
| 15   | 136-8452    | 1    | Hose-HYD (Case No.2)      |
| 16   | 119-8160    | 1    | Hose-HYD (Pressure No. 1) |
| 17   | 119-8161    | 1    | Hose-HYD (Return No. 1)   |
| 18   | 119-8162    | 1    | Hose-HYD (Case No. 1)     |
| 19   | 3290-379    | 2    | Tie-Cable                 |



## Hydraulic Mow Reel Motor Assembly

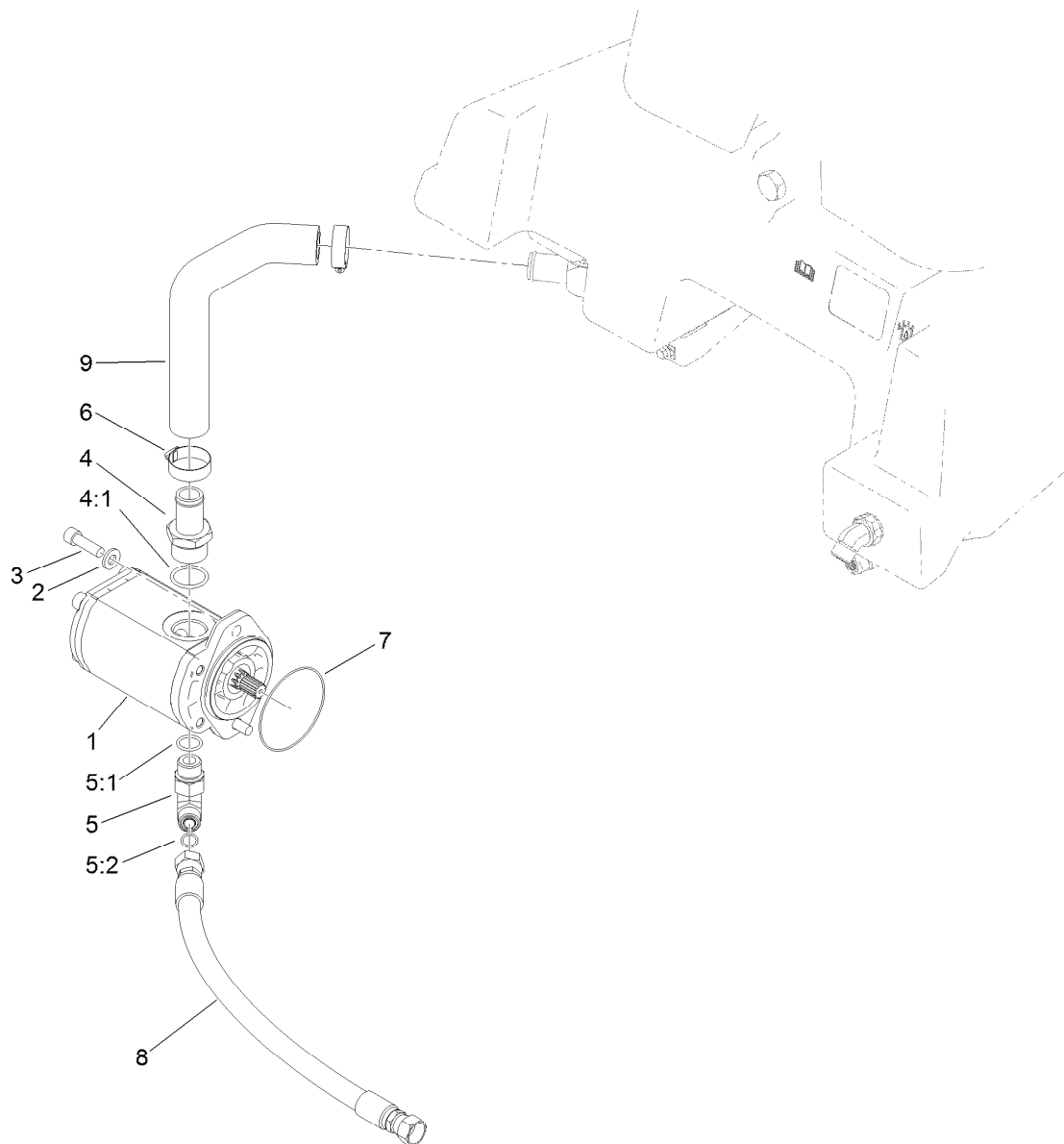
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 115-3321    | 3    | HYD Reel Motor ASM      |
| 2    | 133-8926    | 6    | Ring-Retaining (Metric) |
| 3    | 115-5389    | 3    | Cam-Mount, Motor        |
| 4    | 340-92      | 2    | Fitting-Straight        |
| 4:1  | 237-78      | 1    | O-Ring                  |
| 4:2  | 237-21      | 1    | O-Ring                  |
| 5    | 340-98      | 6    | Fitting-Elbow, 90 DEG   |
| 5:1  | 237-79      | 1    | O-Ring                  |
| 5:2  | 237-30      | 1    | O-Ring                  |
| 6    | 115-3298    | 3    | O-Ring                  |
| 7    | 340-103     | 1    | Fitting-HYD, 45 DEG     |
| 7:1  | 237-78      | 1    | O-Ring                  |
| 7:2  | 237-21      | 1    | O-Ring                  |



## Hydraulic Reel Motor Assembly No. 115-3321

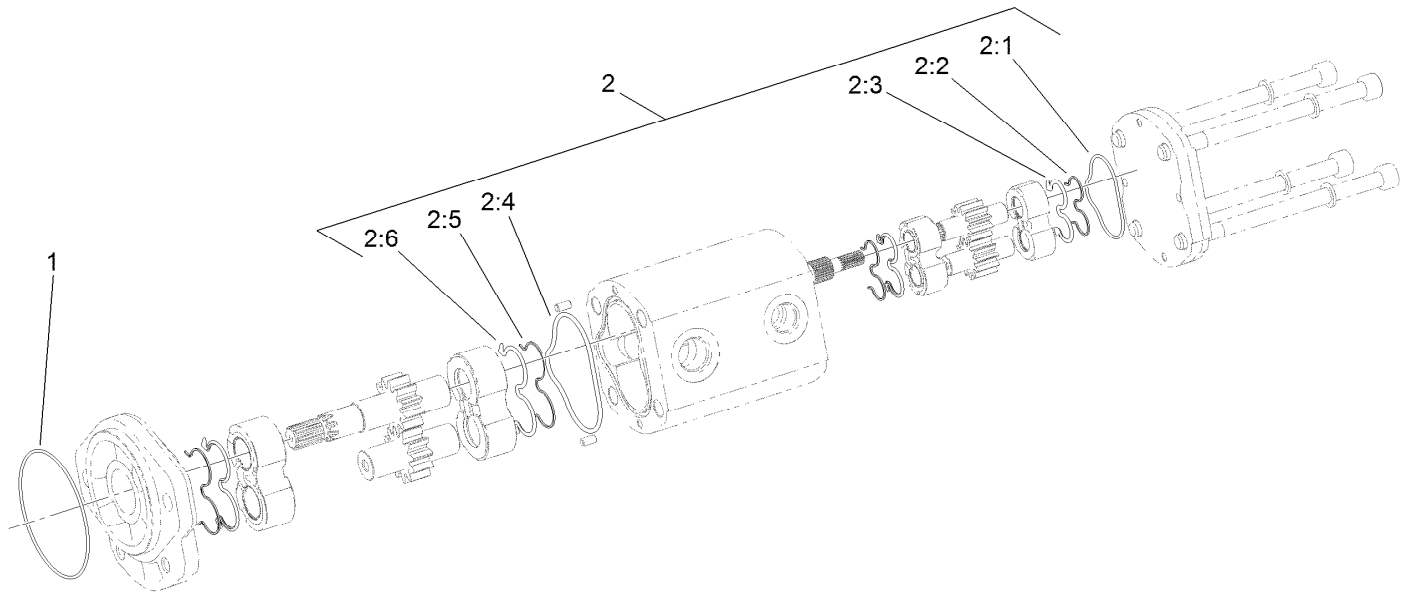
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 119-7113    | 1    | Seal Kit                |
| 1:1  |             | 1    | O-Ring Housing ●        |
| 1:2  |             | 1    | Seal-Anti Extrusion ●   |
| 1:3  |             | 1    | Seal-Plate, Balancing ● |
| 1:4  |             | 1    | Seal-Plate, Balancing ● |
| 1:5  |             | 1    | Seal-Anti Extrusion ●   |
| 1:6  |             | 1    | Seal-Shaft (Inboard) ●  |
| 1:7  |             | 1    | Seal-Shaft (Outboard) ● |

● Not serviced separately



## Hydraulic Mow Gear Pump Assembly

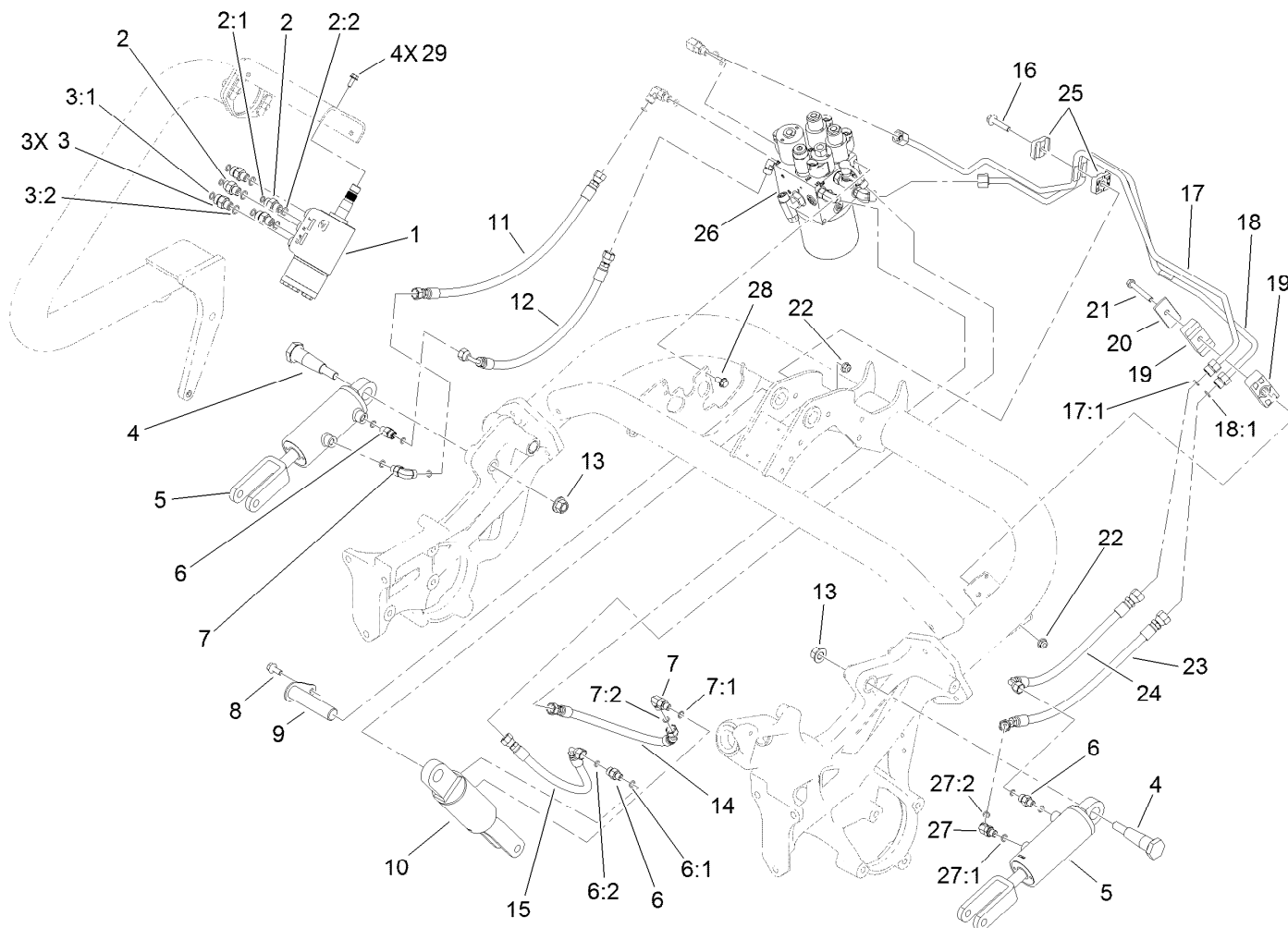
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 114-9956    | 1    | HYD Gear Pump ASM     |
| 2    | 100-4852    | 2    | Washer-Hardened       |
| 3    | 3274-1      | 2    | Screw-HSH             |
| 4    | 354-78      | 1    | Fitting-STR           |
| 4:1  | 237-146     | 1    | O-Ring                |
| 5    | 340-105     | 1    | Fitting-Elbow, 90 DEG |
| 5:1  | 237-80      | 1    | O-Ring                |
| 5:2  | 237-30      | 1    | O-Ring                |
| 6    | 2412-34     | 2    | Clamp-Hose            |
| 7    | 353-949     | 1    | O-Ring                |
| 8    | 119-2075    | 1    | Hose-HYD              |
| 9    | 119-4477    | 1    | Hose-Inlet            |



## Hydraulic Gear Pump Assembly No. 114-9956

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|------------------------|
| 1           | 353-949            | 1           | O-Ring                 |
| 2           | 119-7134           | 1           | Kit-Seal               |
| 2:1         |                    | 1           | O-Ring ●               |
| 2:2         |                    | 2           | Seal-Extrusion, Anti ● |
| 2:3         |                    | 2           | Seal-Backup ●          |
| 2:4         |                    | 1           | O-Ring ●               |
| 2:5         |                    | 2           | Seal-Extrusion, Anti ● |
| 2:6         |                    | 2           | Seal-Backup ●          |

● Not serviced separately

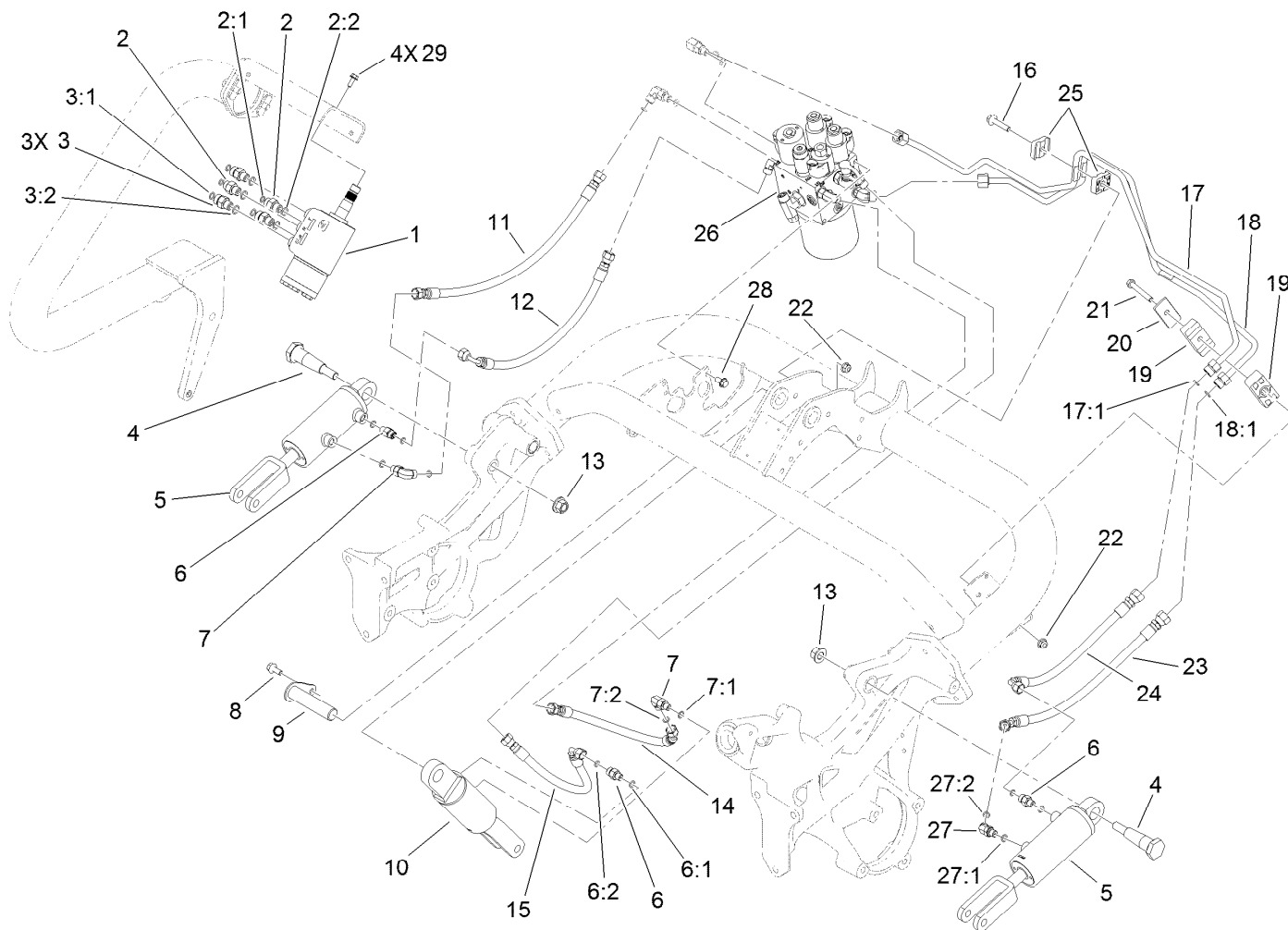


## Lift Circuit Assembly

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 1    | 114-4672    | 1    | Steering Valve ASM           |
| 2    | 340-1       | 2    | Fitting-Straight             |
| 2:1  | 237-21      | 1    | O-Ring                       |
| 2:2  | 237-42      | 1    | O-Ring                       |
| 3    | 340-2       | 3    | Fitting-Straight             |
| 3:1  | 237-22      | 1    | O-Ring                       |
| 3:2  | 237-42      | 1    | O-Ring                       |
| 4    | 112-5709    | 2    | Pin-Tapered                  |
| 5    | 119-8129    | 2    | No. 2 And 3 HYD Cylinder ASM |
| 6    | 340-92      | 3    | Fitting-Straight             |
| 6:1  | 237-78      | 1    | O-Ring                       |
| 6:2  | 237-21      | 1    | O-Ring                       |
| 7    | 340-132     | 2    | Fitting-Elbow, 90 DEG        |
| 7:1  | 237-78      | 1    | O-Ring                       |
| 7:2  | 237-21      | 1    | O-Ring                       |
| 8    | 3234-47     | 1    | Screw-HHF                    |
| 9    | 119-8104    | 1    | Pin                          |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 10   | 119-8128    | 1    | No. 1 HYD Cylinder ASM |
| 11   | 119-2052    | 1    | Hose-HYD               |
| 12   | 119-2053    | 1    | Hose-HYD               |
| 13   | 99-5107     | 2    | Nut-HF Nylock          |
| 14   | 119-2051    | 1    | Hose-HYD               |
| 15   | 119-2050    | 1    | Hose-HYD               |
| 16   | 115-1794    | 1    | Screw-HHF              |
| 17   | 119-8126    | 1    | HYD Tube ASM           |
| 17:1 | 237-22      | 1    | O-Ring                 |
| 18   | 119-8127    | 1    | HYD Tube ASM           |
| 18:1 | 237-22      | 1    | O-Ring                 |
| 19   | 120-3200    | 2    | Clamp-Tube             |
| 20   | 69-9761     | 1    | Plate-Cover            |
| 21   | 322-12      | 1    | Screw-HH               |
| 22   | 104-8300    | 3    | Nut-HF, NI             |
| 23   | 119-2066    | 1    | Hose-HYD               |
| 24   | 119-2065    | 1    | Hose-HYD               |
| 25   | 56-7973     | 2    | Clamp-Tube             |

● Not serviced separately



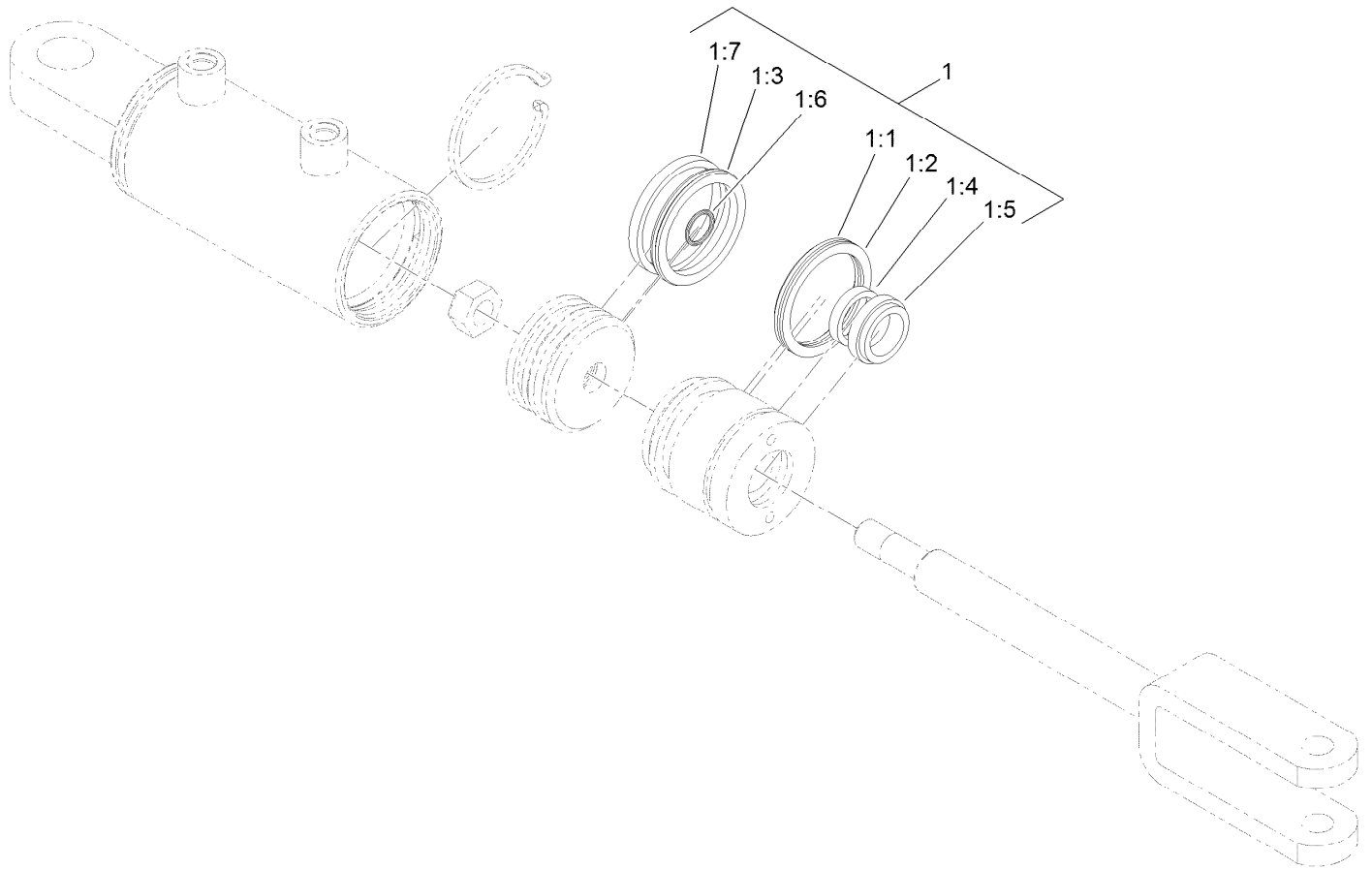
## Lift Circuit Assembly (continued)

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 26   |             | 1    | Hydraulic Lift Manifold ASM |
| 27   | 340-103     | 1    | Fitting-HYD, 45 DEG         |
| 27:1 | 237-78      | 1    | O-Ring                      |

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 27:2 | 237-21      | 1    | O-Ring      |
| 28   | 3234-7      | 2    | Screw-HHF   |
| 29   | 33103-016   | 4    | Screw-HHF   |

● Not serviced separately

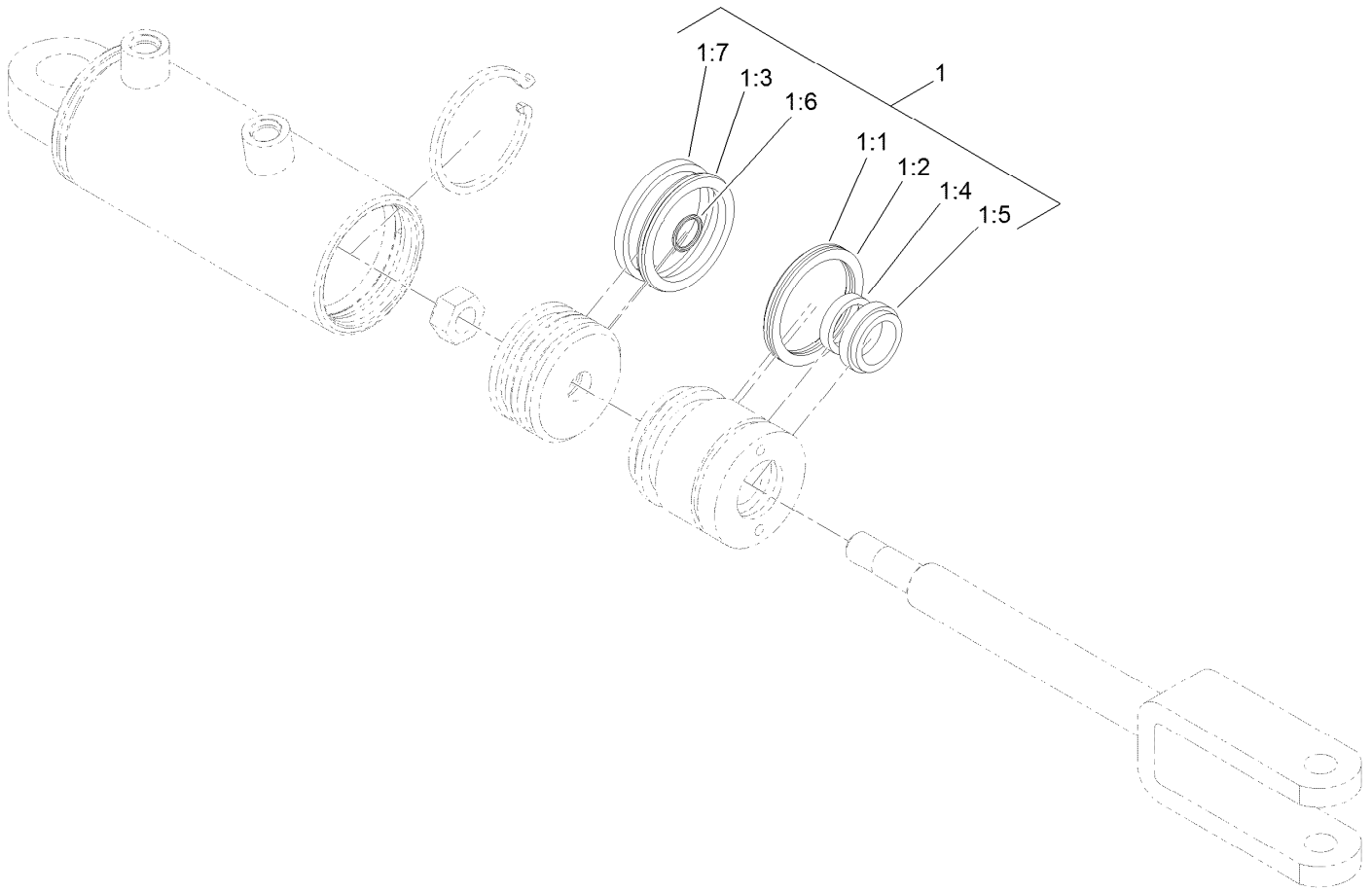




## Hydraulic Cylinder Assembly No. 119-8128

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 115-3410           | 1           | Seal Kit           |
| 1:1         |                    | 1           | O-Ring ●           |
| 1:2         |                    | 1           | Backup ●           |
| 1:3         |                    | 1           | Bp Seal ●          |
| 1:4         |                    | 1           | Bs Seal ●          |
| 1:5         |                    | 1           | Seal-Dust ●        |
| 1:6         |                    | 1           | O-Ring ●           |
| 1:7         |                    | 1           | Ring-Wear ●        |

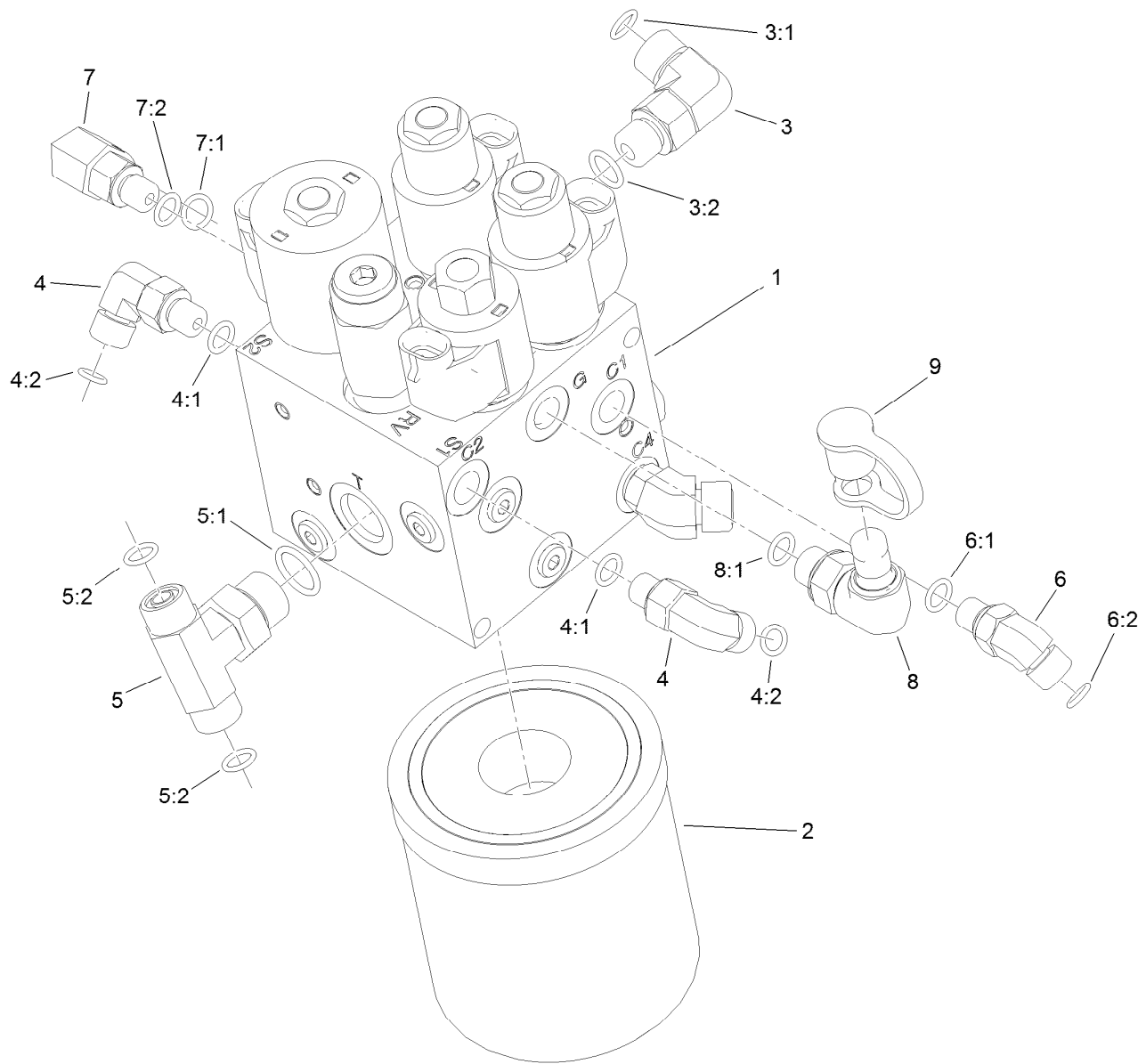
● Not serviced separately



## Hydraulic Cylinder Assembly No. 119-8129

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 115-3410           | 1           | Seal Kit           |
| 1:1         |                    | 1           | O-Ring ●           |
| 1:2         |                    | 1           | Backup ●           |
| 1:3         |                    | 1           | Bp Seal ●          |
| 1:4         |                    | 1           | Bs Seal ●          |
| 1:5         |                    | 1           | Seal-Dust ●        |
| 1:6         |                    | 1           | O-Ring ●           |
| 1:7         |                    | 1           | Ring-Wear ●        |

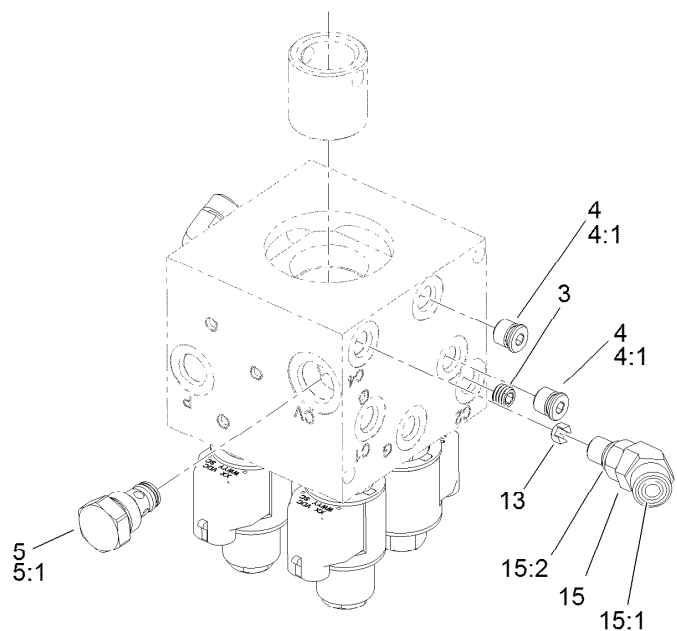
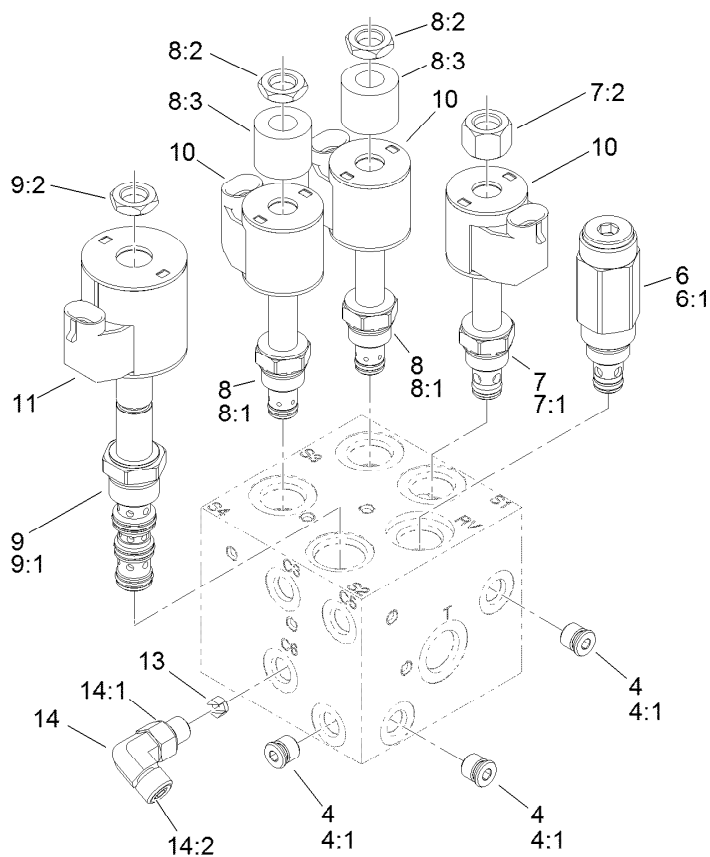
● Not serviced separately



## Hydraulic Lift Manifold Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 125-5187    | 1    | Manifold-Lift, HYD    |
| 2    | 108-5194    | 1    | Filter-Oil, HYD       |
| 3    | 340-77      | 1    | Fitting-Elbow, 90 DEG |
| 3:1  | 237-22      | 1    | O-Ring                |
| 3:2  | 237-42      | 1    | O-Ring                |
| 4    | 340-132     | 2    | Fitting-Elbow, 90 DEG |
| 4:1  | 237-78      | 1    | O-Ring                |
| 4:2  | 237-21      | 1    | O-Ring                |
| 5    | 92-4799     | 1    | Fitting-Tee, HYD      |
| 5:1  | 237-79      | 1    | O-Ring                |

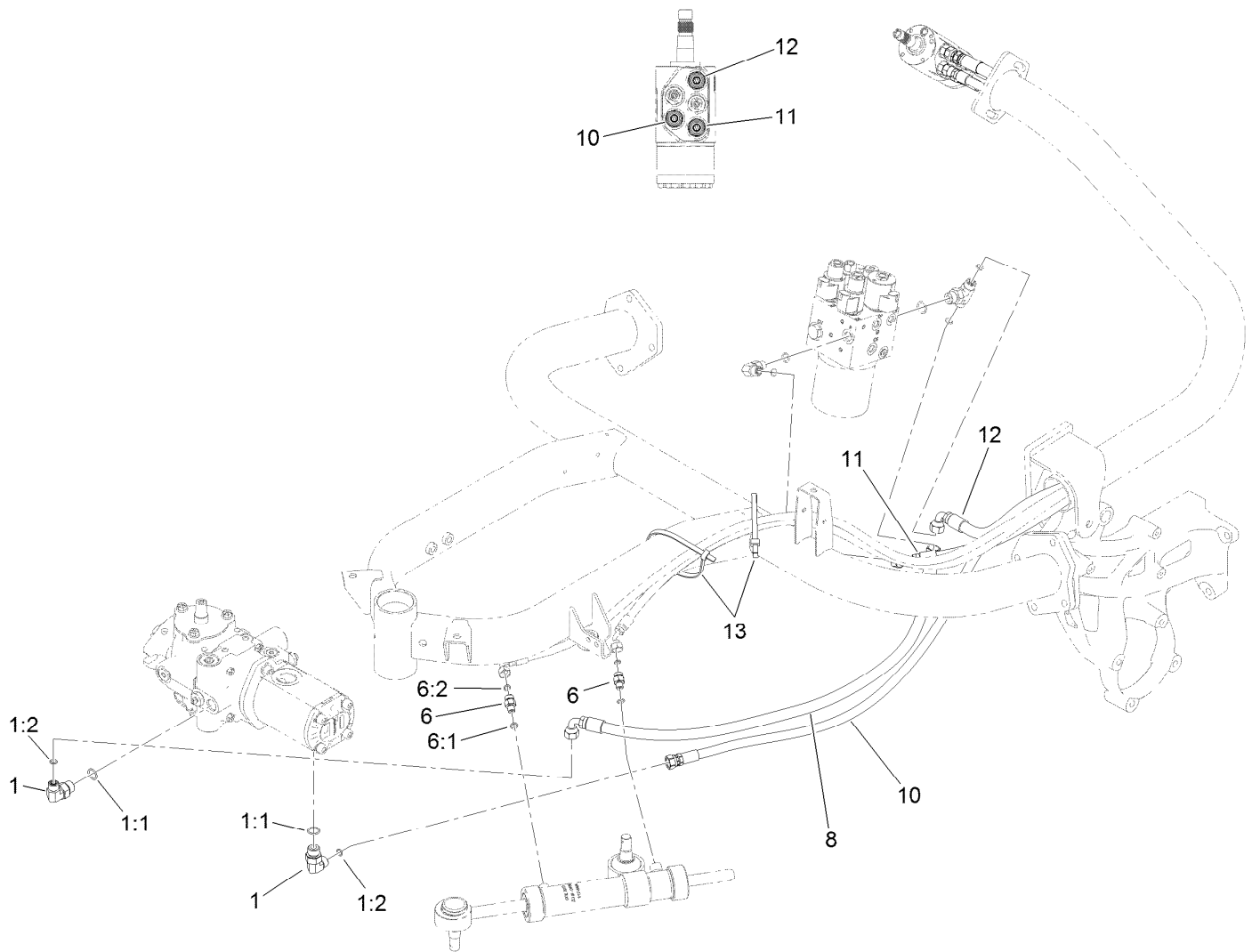
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 5:2  | 237-22      | 2    | O-Ring                |
| 6    | 340-103     | 1    | Fitting-HYD, 45 DEG   |
| 6:1  | 237-78      | 1    | O-Ring                |
| 6:2  | 237-21      | 1    | O-Ring                |
| 7    | 340-97      | 1    | Fitting-Elbow, 90 DEG |
| 7:1  | 237-22      | 1    | O-Ring                |
| 7:2  | 237-78      | 1    | O-Ring                |
| 8    | 115-9147    | 1    | Fitting-Elbow, 90 DEG |
| 8:1  | 237-78      | 1    | O-Ring                |
| 9    | 354-79      | 1    | Cap-Dust              |



## Hydraulic Lift Manifold Assembly No. 125-5187

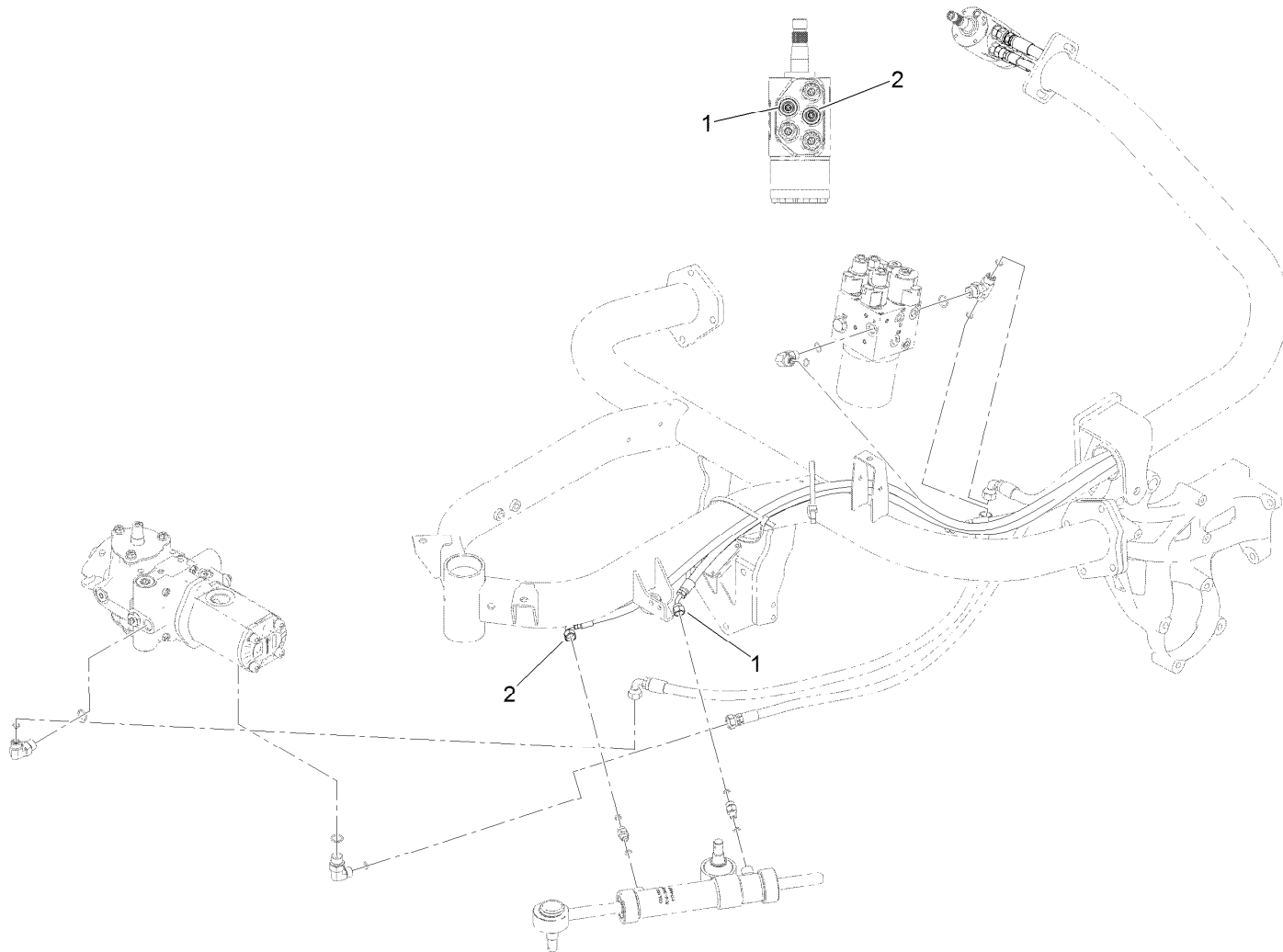
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 3    | 119-7144    | 1    | Orifice (.037 Inch) |
| 4    | 353-990     | 5    | Plug ASM            |
| 4:1  | 237-78      | 1    | O-Ring              |
| 5    | 107-7524    | 1    | Check Valve ASM     |
| 5:1  | 105-9156    | 1    | Seal Kit            |
| 6    | 112-9207    | 1    | Valve-Relief        |
| 6:1  | 105-9156    | 1    | Seal Kit            |
| 7    | 107-7517    | 1    | Valve-Solenoid      |
| 7:1  | 105-9156    | 1    | Seal Kit            |
| 7:2  | 107-7812    | 1    | Nut-Solenoid        |
| 8    | 110-8898    | 2    | Valve-Solenoid      |
| 8:1  | 107-7527    | 1    | Seal Kit            |
| 8:2  | 110-2634    | 1    | Nut-Coil            |

| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 8:3  | 110-8909    | 1    | Spacer-Coil                   |
| 9    | 110-8906    | 1    | Valve-Solenoid                |
| 9:1  | 110-8908    | 1    | Spool Valve Seal Kit          |
| 9:2  | 110-2634    | 1    | Nut-Coil                      |
| 10   | 110-0497    | 3    | Coil-Solenoid                 |
| 11   | 110-6344    | 1    | Coil-12V, DC                  |
| 13   | 125-5211    | 2    | Orifice-Control, Flow (0.030) |
| 14   | 340-132     | 1    | Fitting-Elbow, 90 DEG         |
| 14:1 | 237-78      | 1    | O-Ring                        |
| 14:2 | 237-21      | 1    | O-Ring                        |
| 15   | 340-54      | 1    | Elbow-45 DEG                  |
| 15:1 | 237-22      | 1    | O-Ring                        |
| 15:2 | 237-78      | 1    | O-Ring                        |



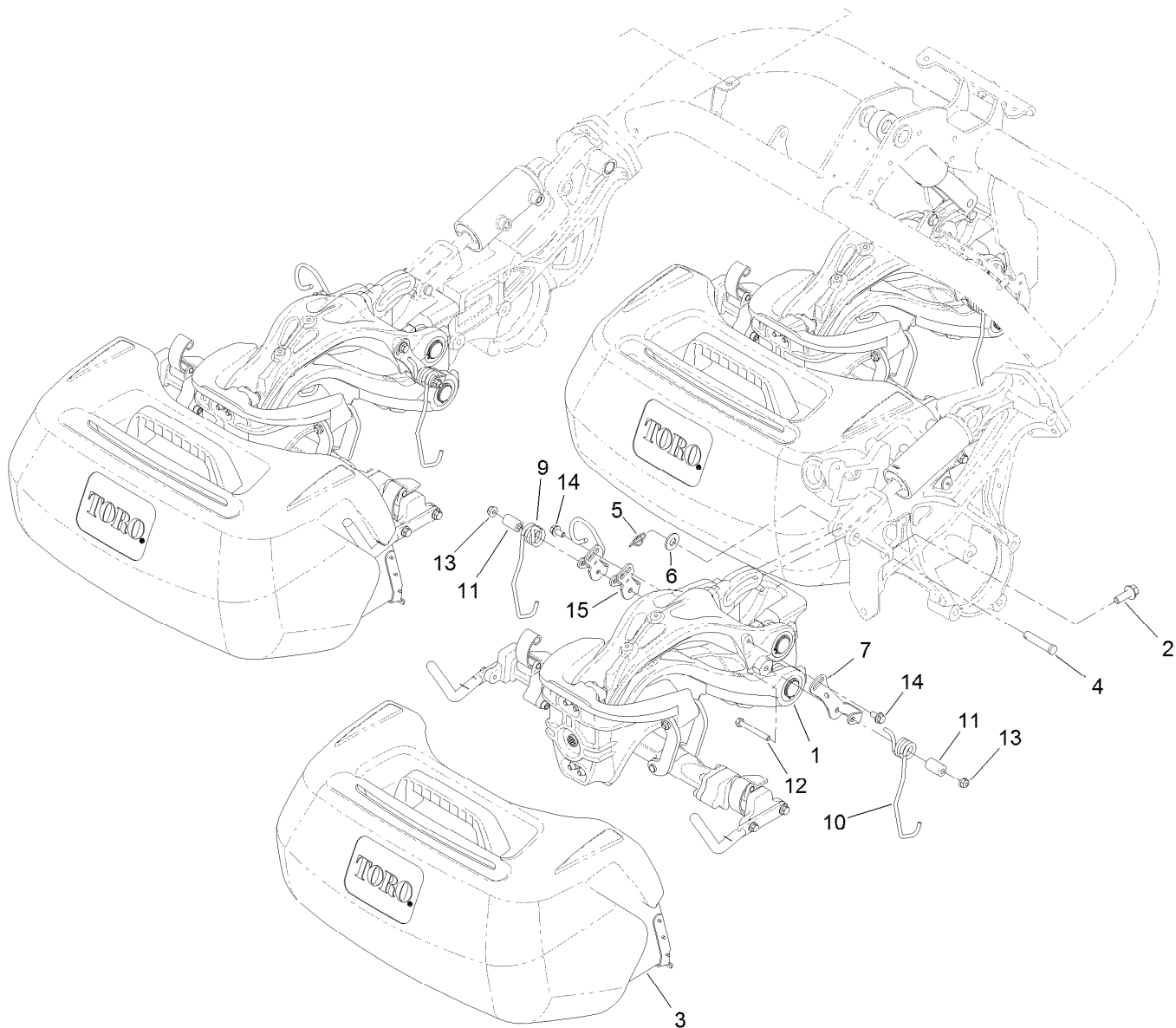
## Steering Circuit Assembly (1)

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 340-18      | 2    | Fitting-HYD, 90 DEG |
| 1:1  | 237-79      | 1    | O-Ring              |
| 1:2  | 237-22      | 1    | O-Ring              |
| 6    | 340-92      | 2    | Fitting-Straight    |
| 6:1  | 237-78      | 1    | O-Ring              |
| 6:2  | 237-21      | 1    | O-Ring              |
| 8    | 125-5168    | 1    | Hose-HYD            |
| 10   | 125-5167    | 1    | Hose-HYD            |
| 11   | 117-3683    | 1    | Hose-HYD            |
| 12   | 125-5166    | 1    | Hose-HYD            |
| 13   | 3334-945    | 2    | Tie-Cable           |



## Steering Circuit Assembly (3)

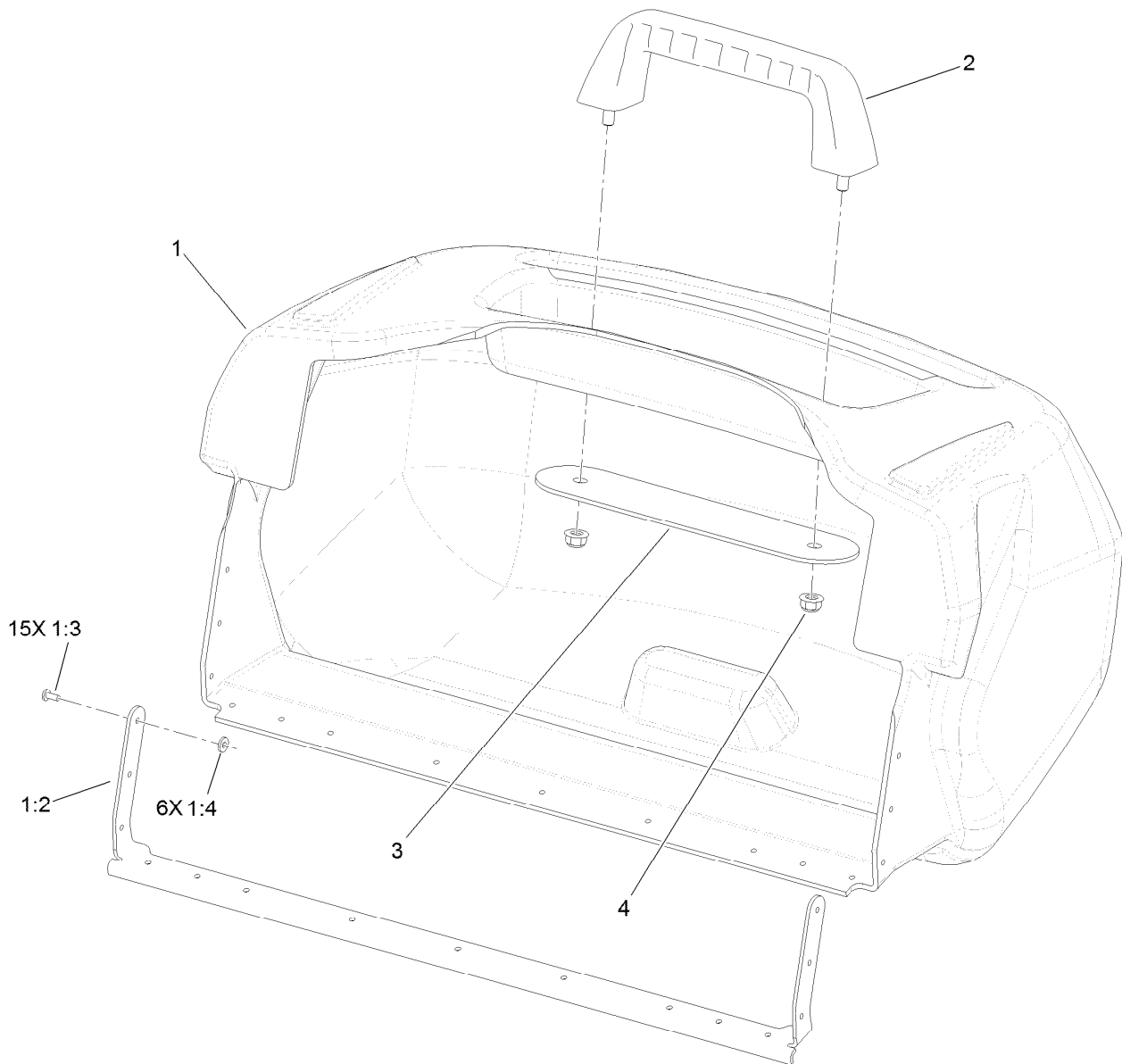
| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 1    | 117-3685    | 1    | Hose-HYD    |
| 2    | 117-3688    | 1    | Hose-HYD    |



## Suspension and Basket Assembly

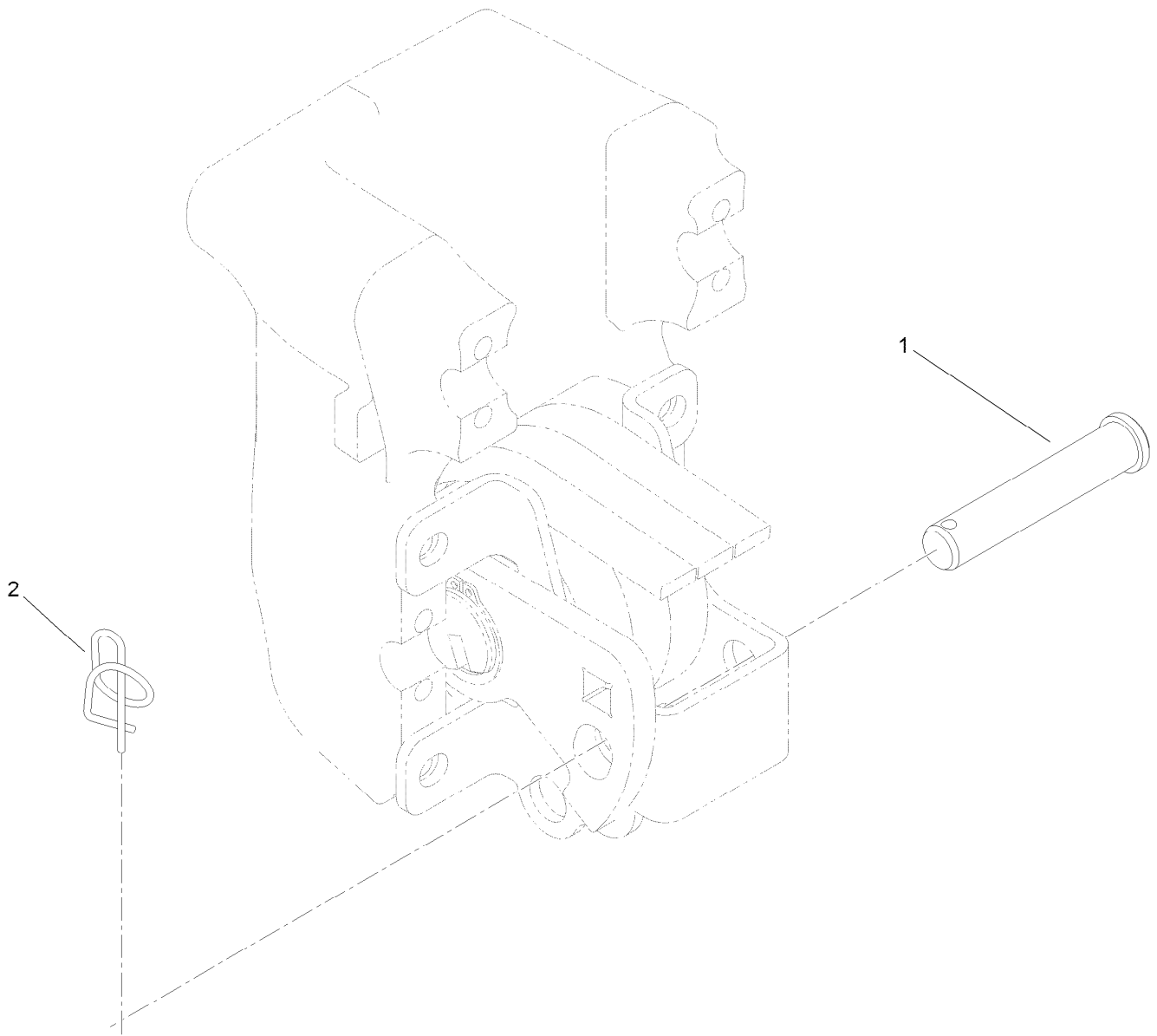
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    |             | 3    | Suspension ASM ●      |
| 2    | 117-9035    | 9    | Screw-HHF             |
| 3    | 132-9599    | 3    | Basket ASM            |
| 4    | 92-2739     | 3    | Pin-Clevis            |
| 5    | 112-1491    | 3    | Pin-Cotter            |
| 6    | 29-8910     | 3    | Washer                |
| 7    | 117-6822    | 3    | Retainer-Spring, LH   |
| 9    | 117-6826    | 3    | Spring-Stabilizer, RH |
| 10   | 117-6827    | 3    | Spring-Stabilizer, LH |
| 11   | 117-6825    | 6    | Spacer                |
| 12   | 322-12      | 6    | Screw-HH              |
| 13   | 104-8300    | 6    | Nut-HF, NI            |
| 14   | 114-7728    | 6    | Screw-HHF, Patch      |
| 15   | 117-6821    | 3    | Retainer-Spring, RH   |

● Not serviced separately



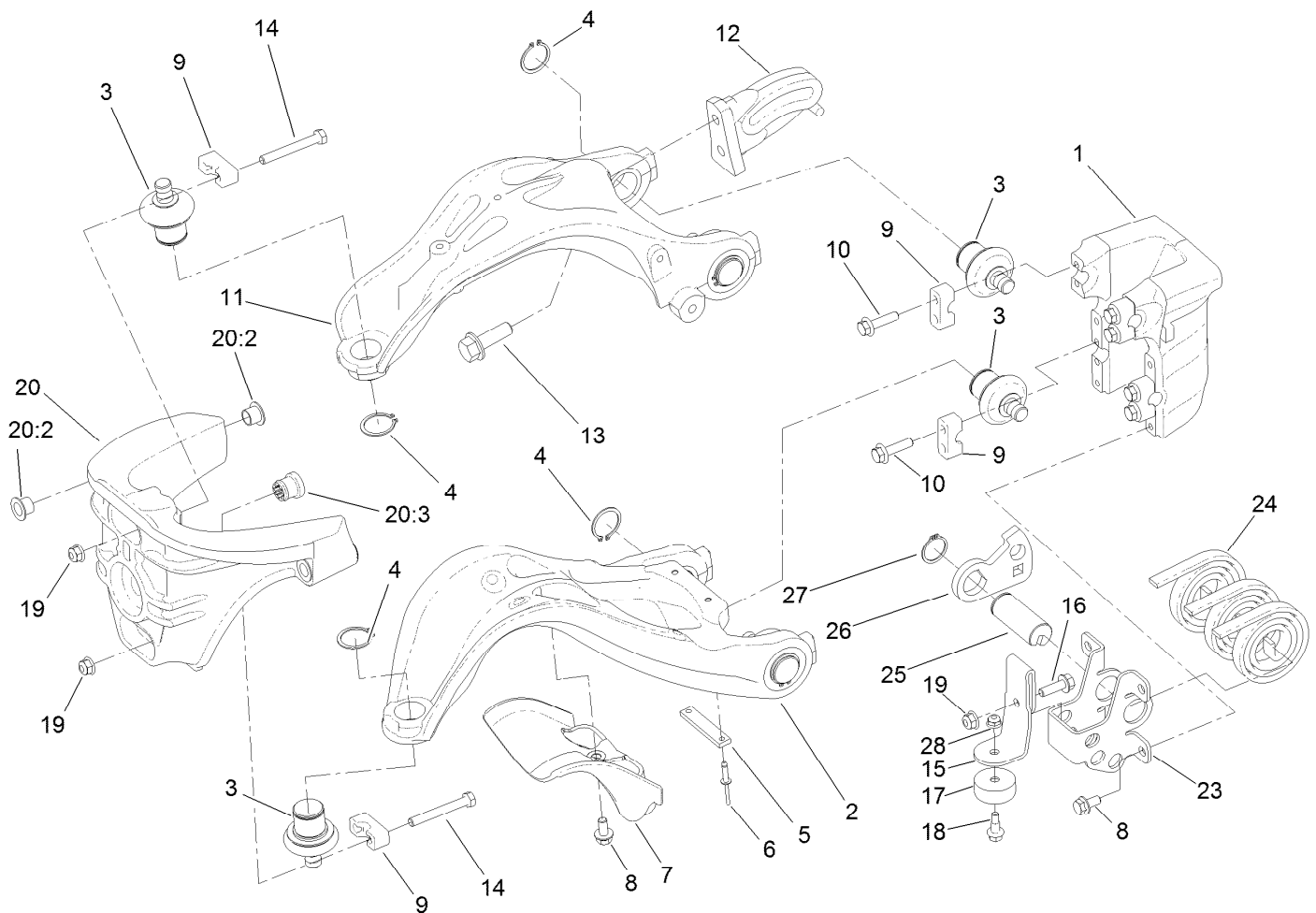
## Basket Assembly No. 132-9599

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 132-9510    | 1    | Basket Assembly |
| 1:2  | 132-3806    | 1    | Support-Basket  |
| 1:3  | 3269-25     | 15   | Rivet-Pop       |
| 1:4  | 3256-75     | 6    | Washer-Flat     |
| 2    | 117-8088    | 1    | Handle-Grab     |
| 3    | 117-8092-03 | 1    | Plate-Mounting  |
| 4    | 104-8300    | 2    | Nut-HF, NI      |



## Suspension Pin Position Assembly

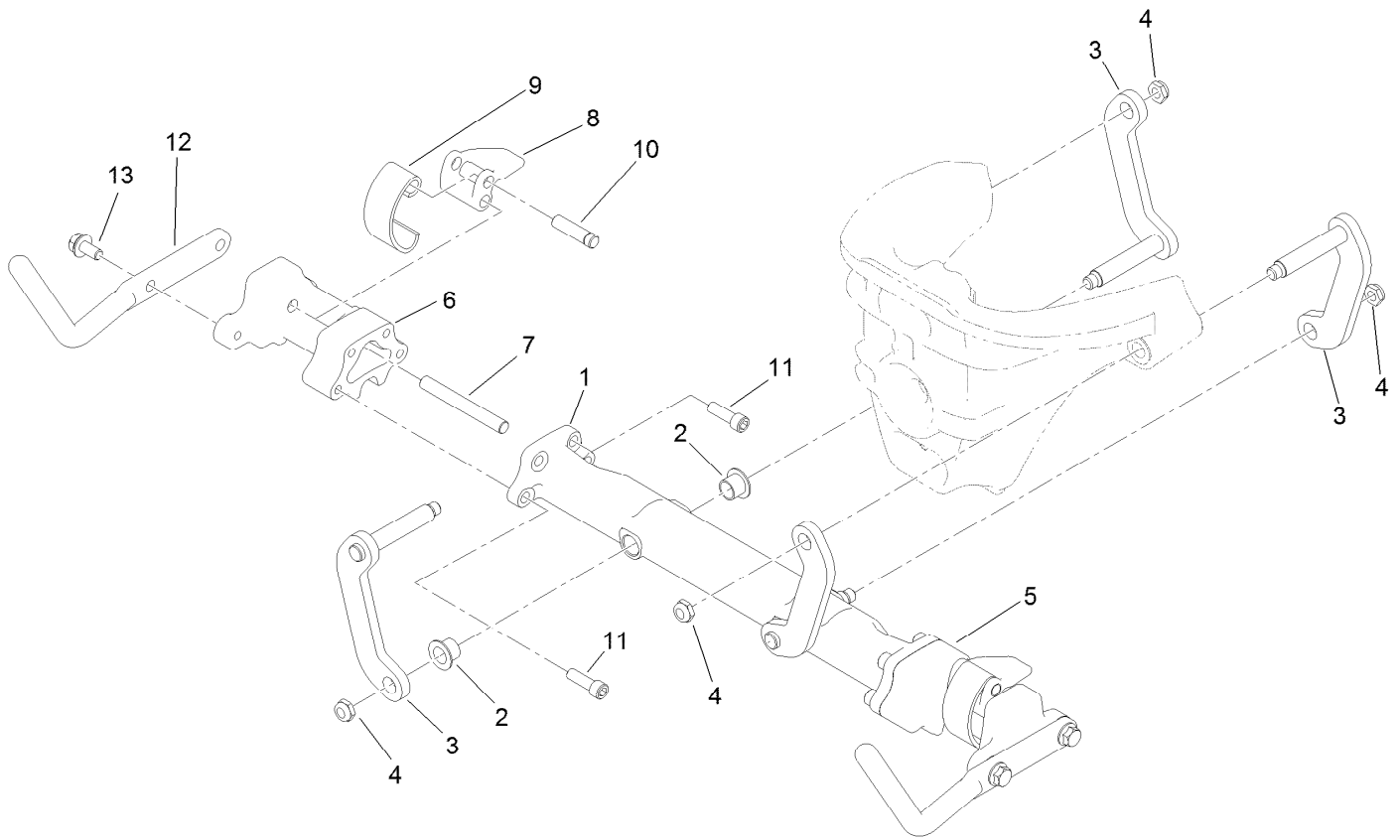
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 100-6541           | 3           | Pin-Clevis         |
| 2           | 112-1491           | 3           | Pin-Cotter         |



## Suspension A-Arm Assembly

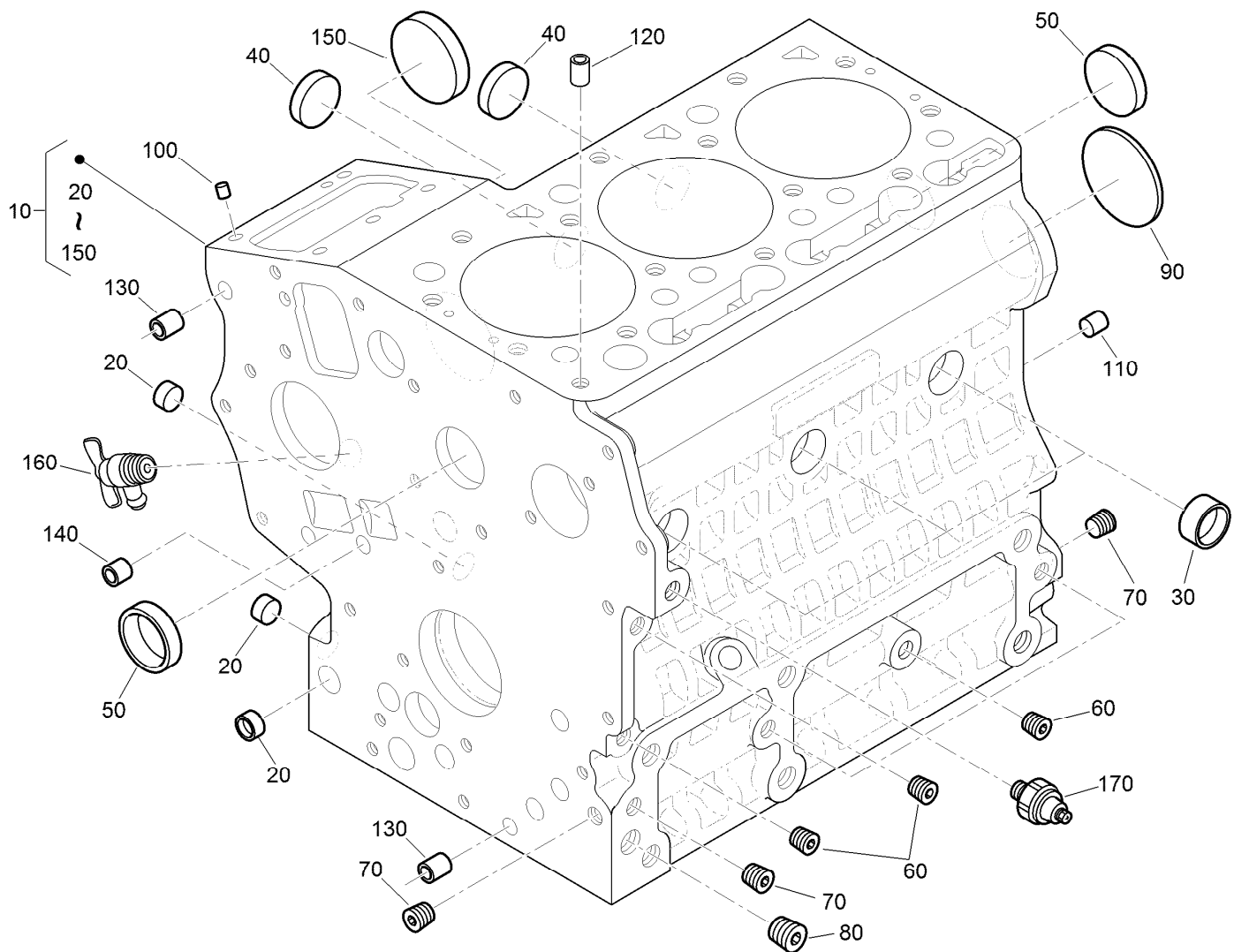
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 117-9480    | 1    | Mount-Pivot, A-Arms |
| 2    | 117-6656    | 1    | A-Arm, Lower        |
| 3    | 132-6959    | 6    | Balljoint           |
| 4    | 120-3225    | 6    | Ring-Retaining, EXT |
| 5    | 117-6674    | 1    | Plate-Striker       |
| 6    | 3269-28     | 2    | Rivet-Pop           |
| 7    | 117-6755    | 1    | Stop-Steering       |
| 8    | 114-7728    | 5    | Screw-HHF, Patch    |
| 9    | 112-5647    | 6    | Clamp               |
| 10   | 132-3837    | 8    | Screw-HHF           |
| 11   | 117-6648    | 1    | A-Arm, Upper        |
| 12   | 117-6650    | 1    | Plate-Lift          |
| 13   | 100-6116    | 2    | Screw-HHF           |
| 14   | 132-3838    | 4    | Screw-HH            |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 15   | 133-0310    | 1    | Mount-Stop         |
| 16   | 3234-17     | 1    | Screw-HHF          |
| 17   | 133-0308    | 1    | Bumper-Rubber      |
| 18   | 133-0315    | 1    | Screw-Shoulder, HF |
| 19   | 104-8300    | 5    | Nut-HF, NI         |
| 20   | 120-3216    | 1    | Steering Head ASM  |
| 20:2 | 125-5239    | 4    | Bushing-Flange     |
| 20:3 | 131-1836    | 1    | Grommet            |
| 23   | 133-0313    | 1    | C-Balance Mount    |
| 24   | 114-9306    | 3    | Spring             |
| 25   | 117-6608    | 1    | Pin                |
| 26   | 117-6738    | 1    | Arm-Tensioner      |
| 27   | 32151-29    | 1    | Ring-Retaining     |
| 28   | 104-7201    | 1    | Nut-HF, NI         |



## Suspension Crossarm Assembly

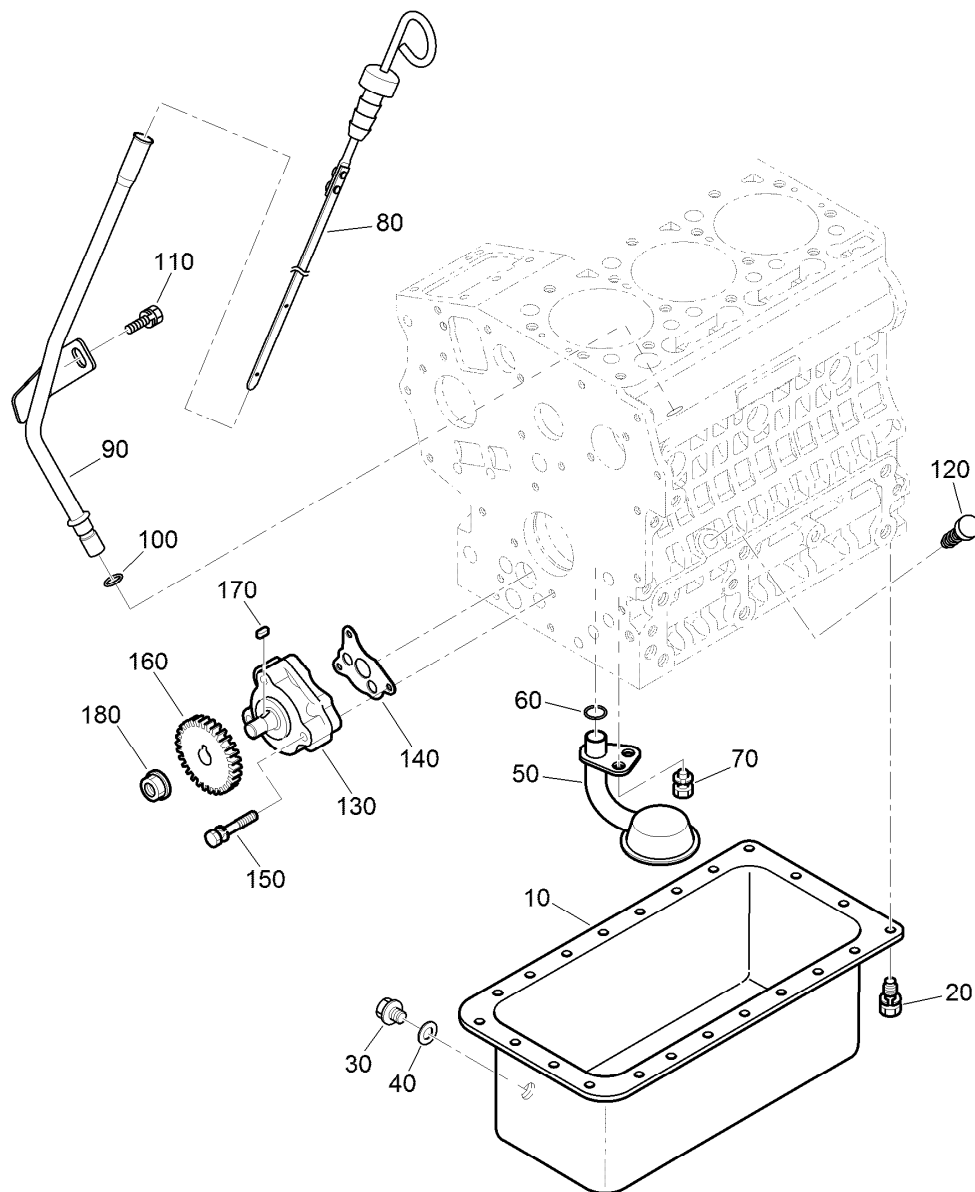
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 120-3217    | 1    | Crossarm            |
| 2    | 125-5239    | 4    | Bushing-Flange      |
| 3    | 117-6654    | 4    | Link                |
| 4    | 3296-59     | 4    | Nut-Lock, NI        |
| 5    | 117-9482    | 1    | Mount-Cross Arm, LH |
| 6    | 117-9492    | 1    | Mount-Cross Arm, RH |
| 7    | 114-8051    | 2    | Pin-Pivot           |
| 8    | 114-8047    | 2    | Lever               |
| 9    | 114-8048    | 2    | Spring              |
| 10   | 114-8049    | 2    | Pin-Pivot           |
| 11   | 120-3227    | 8    | Screw-HSH           |
| 12   | 120-2784-01 | 2    | Horn-Basket         |
| 13   | 114-7728    | 4    | Screw-HHF, Patch    |



## Crankcase Assembly

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 10   | 130-1486    | 1    | Crankcase ASM  |
| 20   | 100-2019    | 3    | Cap-Sealing    |
| 30   | 100-2020    | 3    | Cap-Sealing    |
| 40   | 110-3702    | 2    | Cap-Sealing    |
| 50   | 98-9398     | 2    | Cap-Sealing    |
| 60   | 98-9687     | 5    | Plug           |
| 70   | 98-7487     | 3    | Plug           |
| 80   | 98-7488     | 1    | Plug           |
| 90   | 100-1851    | 1    | Plug-Expansion |

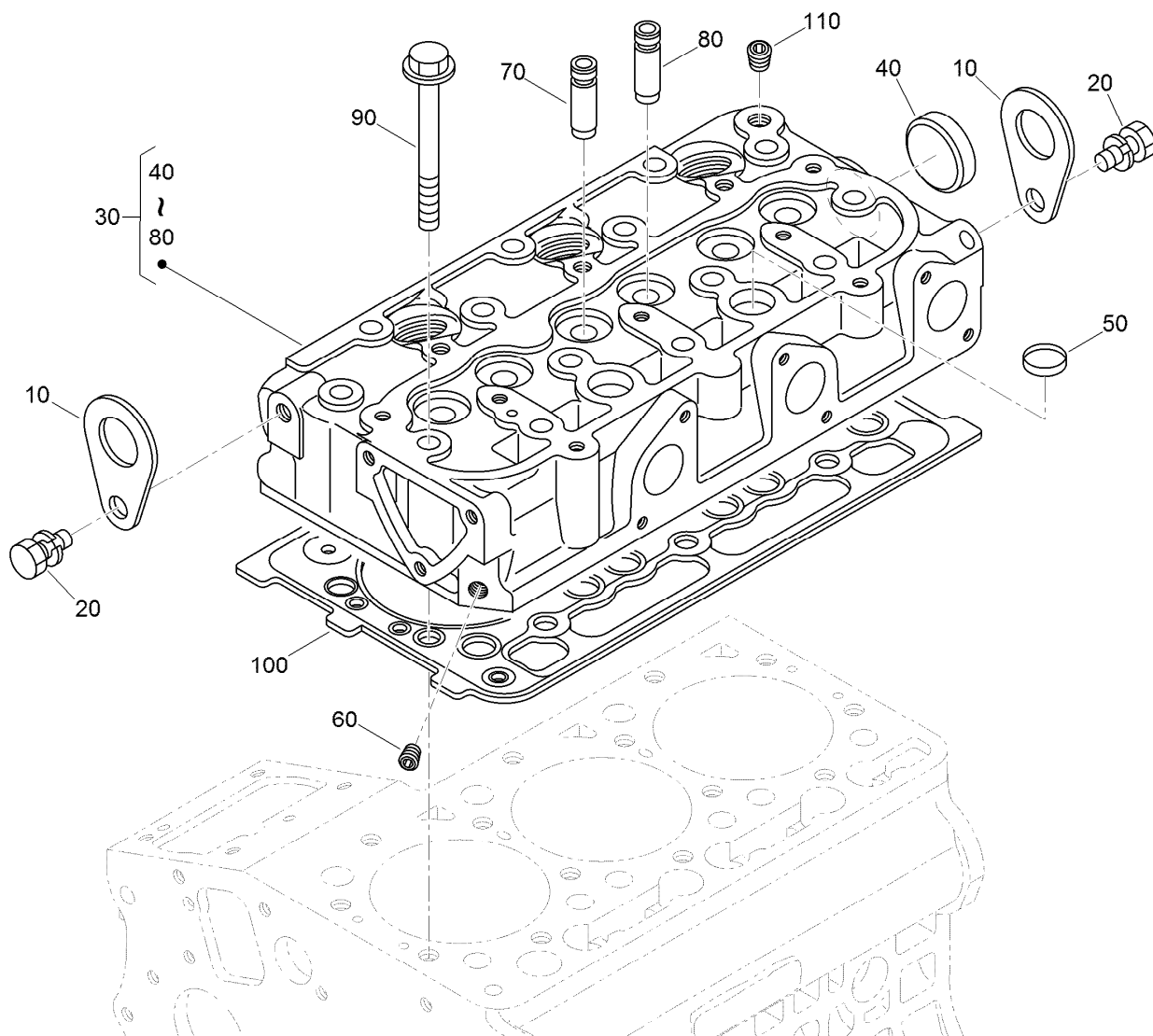
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 100  | 98-9375     | 2    | Pin-Straight         |
| 110  | 98-9377     | 2    | Pin-Straight         |
| 120  | 98-7506     | 1    | Pin-Pipe             |
| 130  | 100-2051    | 2    | Pin-Pipe             |
| 140  | 100-2051    | 2    | Pin-Pipe             |
| 150  | 100-1991    | 1    | Cover-Fuel, Camshaft |
| 160  | 120-3121    | 1    | Draincock ASM        |
| 170  | 98-7764     | 1    | Switch-Oil           |



## Oil Pan, Oil Pump and Dipstick Assembly

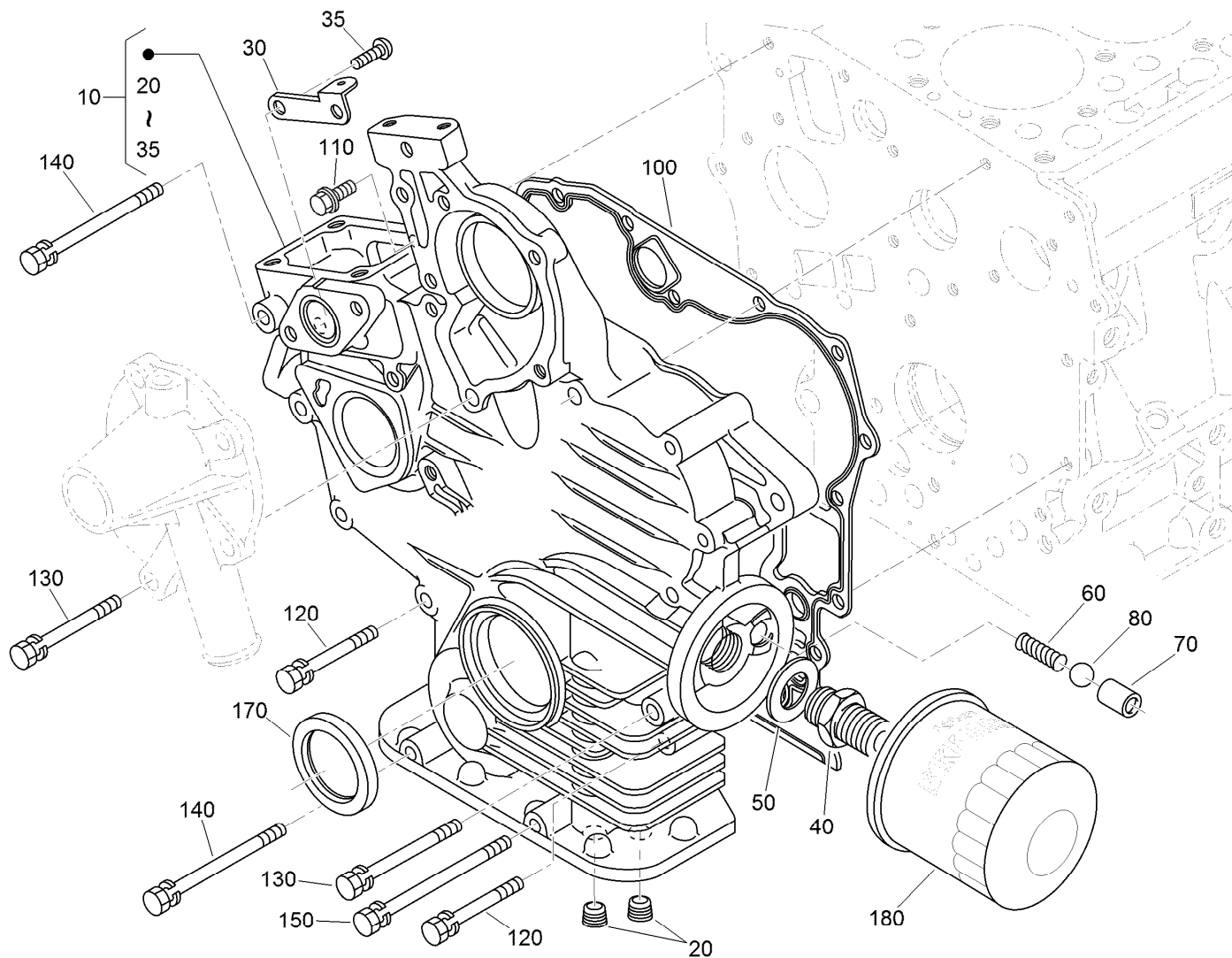
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 120-3122    | 1    | Oil Pan ASM          |
| 20   | 98-9350     | 22   | Bolt                 |
| 30   | 114-8151    | 1    | Plug-Drain           |
| 40   | 98-7524     | 1    | Gasket               |
| 50   | 100-2001    | 1    | Strainer-Pickup, Oil |
| 60   | 105-3776    | 1    | O-Ring               |
| 70   | 100-9195    | 1    | Bolt                 |
| 80   | 120-3124    | 1    | Gauge-Oil            |
| 90   | 120-3125    | 1    | Guide-Gauge, Oil     |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 100  | 98-9722     | 1    | O-Ring               |
| 110  | 115-8504    | 1    | Bolt-Flange          |
| 120  | 110-3720    | 1    | Plug-Gauge, Oil      |
| 130  | 100-2002    | 1    | Oil Pump ASM         |
| 140  | 100-2003    | 1    | Gasket-Pump, Oil     |
| 150  | 100-1923    | 3    | Bolt                 |
| 160  | 130-1419    | 1    | Gear-Drive, Oil Pump |
| 170  | 98-7658     | 1    | Key-Feather          |
| 180  | 100-1779    | 1    | Nut-Flange           |



## Cylinder Head Assembly

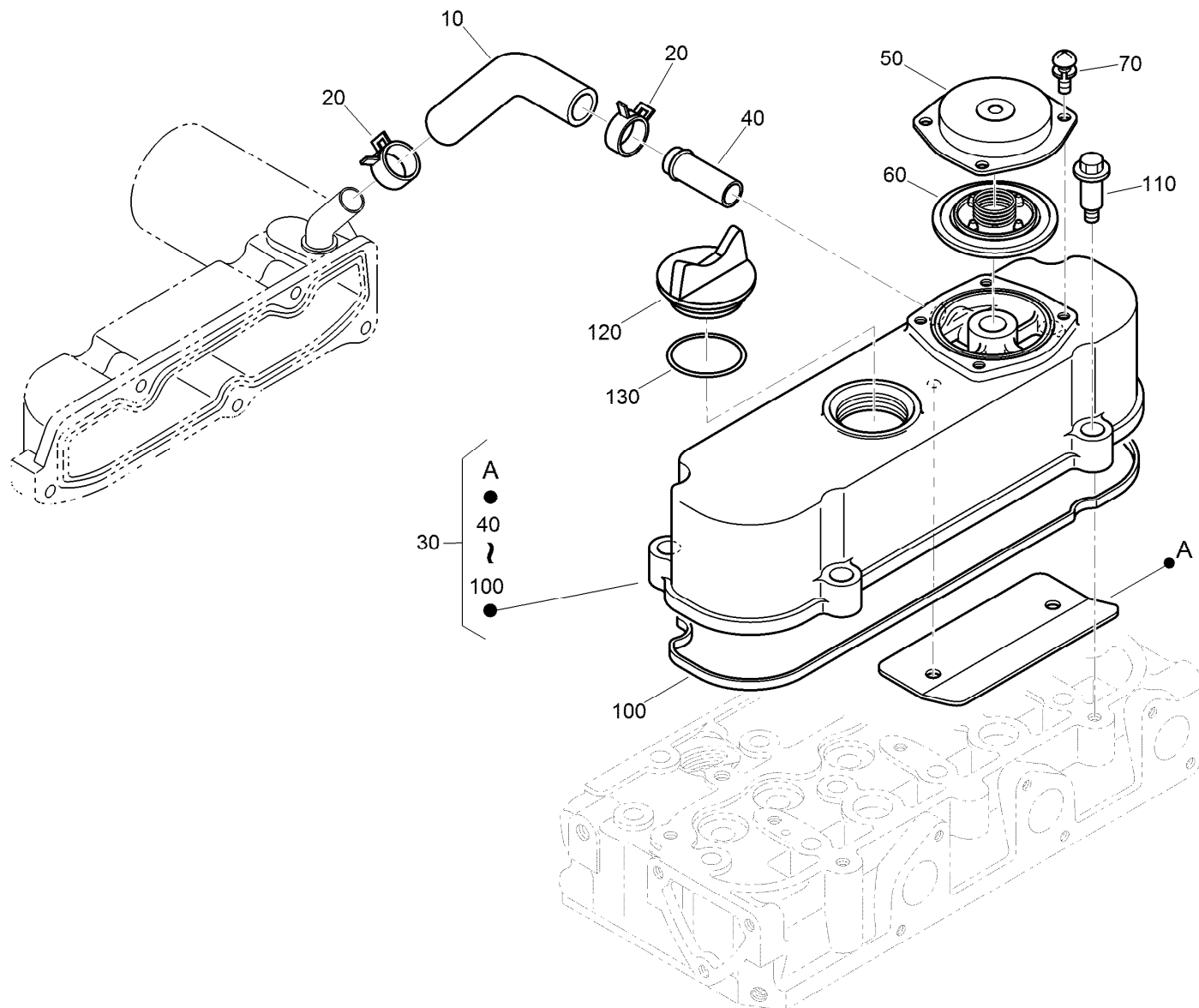
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 98-7531     | 2    | Hook-Engine           |
| 20   | 98-7526     | 2    | Bolt                  |
| 30   | 130-1504    | 1    | Cylinder Head ASM     |
| 40   | 105-3705    | 1    | Cap-Sealing           |
| 50   | 98-9389     | 2    | Cap-Sealing           |
| 60   | 98-9687     | 1    | Plug                  |
| 70   | 100-1882    | 3    | Guide-Valve, Inlet    |
| 80   | 100-1883    | 3    | Guide-Valve, Exhaust  |
| 90   | 100-1820    | 14   | Bolt-Head, Cylinder   |
| 100  | 112-2520    | 1    | Gasket-Head, Cylinder |
| 110  | 98-9444     | 1    | Plug                  |



## Gear Case and Oil Filter Cartridge Assembly

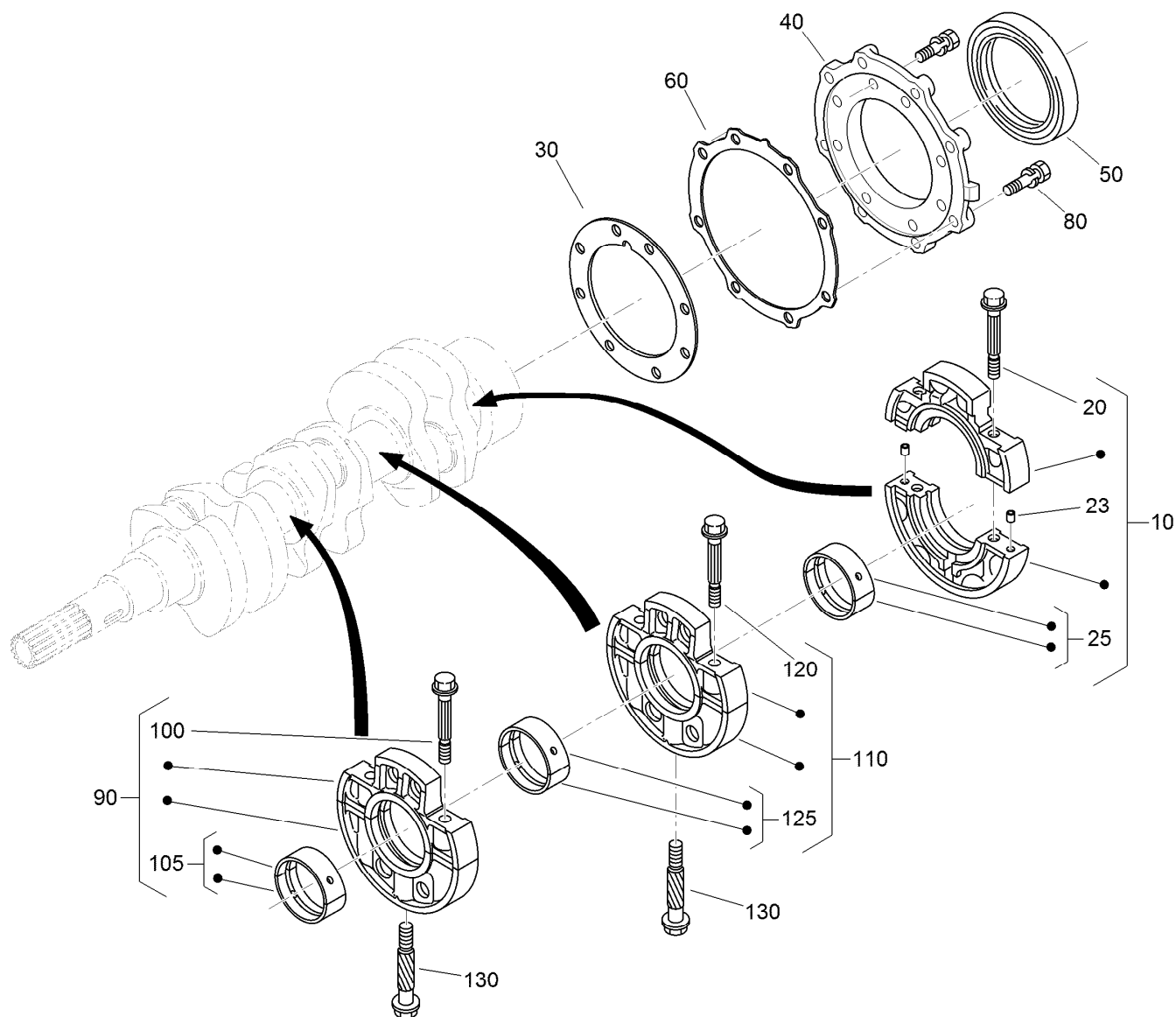
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 120-3138    | 1    | Gear Case ASM      |
| 20   | 98-7488     | 2    | Plug               |
| 30   | 110-3708    | 1    | Stay-Spring, Start |
| 35   | 100-2040    | 2    | Screw              |
| 40   | 98-9388     | 1    | Joint-Pipe         |
| 50   | 100-1926    | 1    | Washer-Plain       |
| 60   | 100-2004    | 1    | Spring             |
| 70   | 100-1894    | 1    | Seat-Valve         |
| 80   | 100-1792    | 1    | Ball               |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 100  | 117-0327    | 1    | Gasket-Case, Gear  |
| 110  | 127-0403    | 1    | Bolt-Flange        |
| 120  | 125-9063    | 9    | Bolt-Sems          |
| 130  | 100-1922    | 2    | Bolt               |
| 140  | 98-9357     | 2    | Bolt               |
| 150  | 110-3710    | 1    | Bolt               |
| 170  | 120-7852    | 1    | Seal-Oil           |
| 180  | 115-8189    | 1    | Filter-Oil, Engine |



## Cylinder Head Cover Assembly

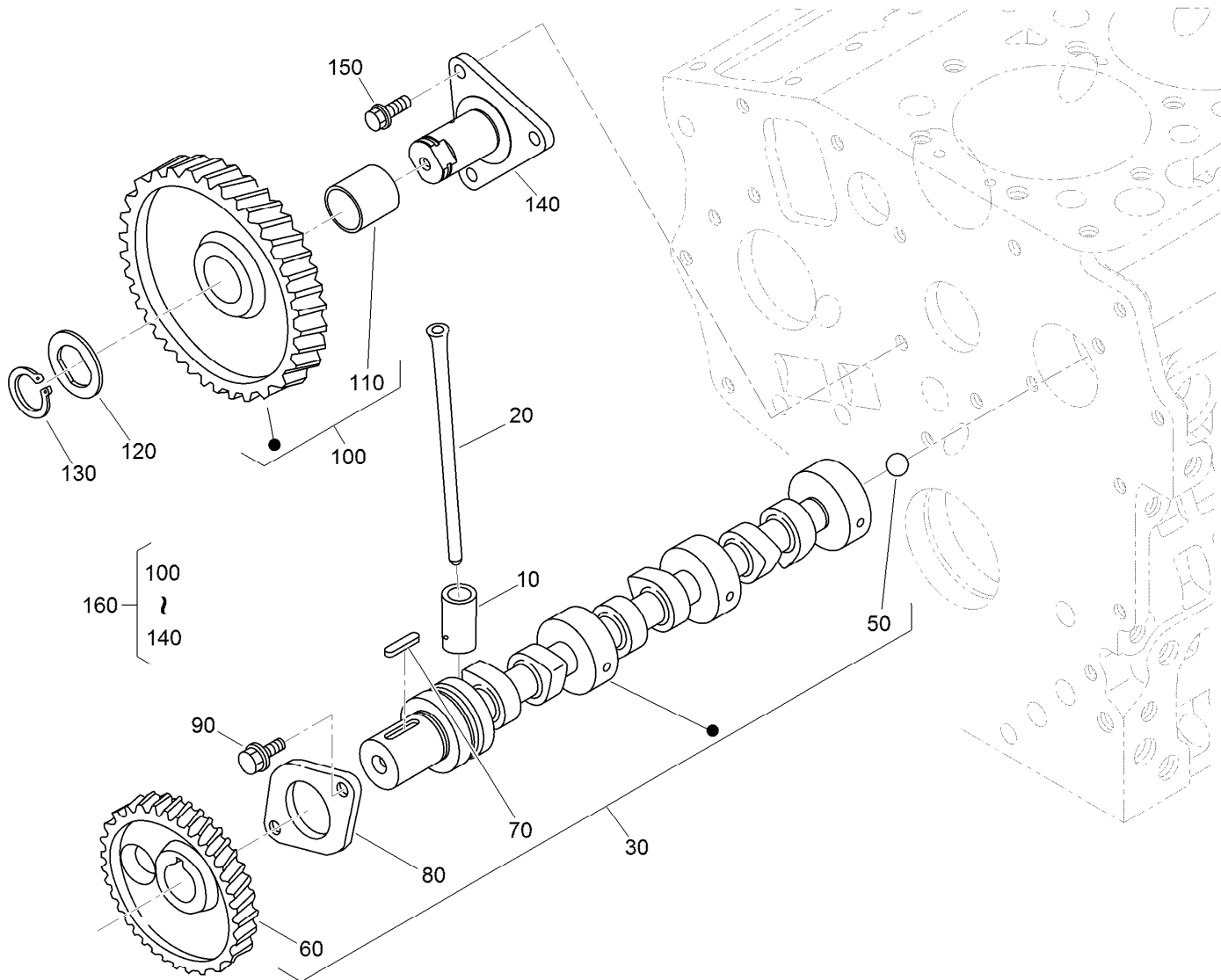
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 10   | 120-3139    | 1    | Tube-Breather           |
| 20   | 110-3712    | 2    | Clamp-Hose              |
| 30   | 112-8332    | 1    | Cylinder Head Cover ASM |
| 40   | 98-9580     | 1    | Pipe-Return, Water      |
| 50   | 110-3714    | 1    | Cover-Breather          |
| 60   | 110-3715    | 1    | Valve-Breather          |
| 70   | 98-9364     | 4    | Screw (With Washer)     |
| 100  | 112-2521    | 1    | Gasket-Cover, Head      |
| 110  | 108-7063    | 4    | Bolt                    |
| 120  | 107-9075    | 1    | Plug-Filler, Oil        |
| 130  | 99-3446     | 1    | O-Ring                  |



## Main Bearing Case Assembly

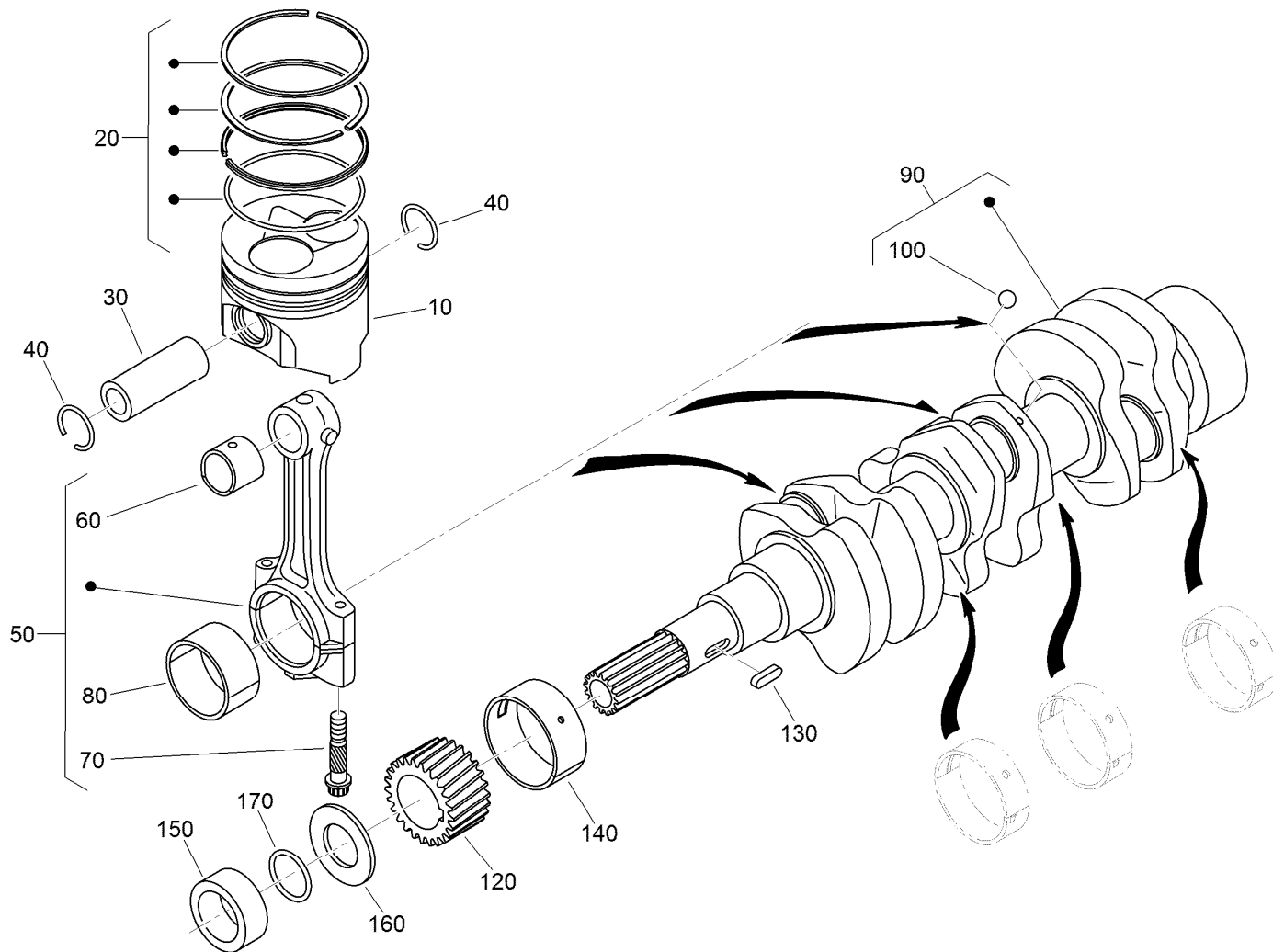
| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 10   | 125-9064    | 1    | Wheel Bearing Case ASM         |
| 20   | 125-9065    | 2    | Bolt-Flange                    |
| 23   | 125-9082    | 2    | Pin-Straight                   |
| 25   | 125-9066    | 1    | Crankshaft Metal ASM (STD)     |
| 25   | 125-9067    | 1    | Crankshaft Metal ASM (-0.20Mm) |
| 25   | 125-9068    | 1    | Crankshaft Metal ASM (-0.40Mm) |
| 30   | 100-1873    | 1    | Gasket-Case, Bearing           |
| 40   | 112-8334    | 1    | Cover-Case, Bearing            |
| 50   | 110-3724    | 1    | Seal-Oil                       |
| 60   | 100-1876    | 1    | Gasket-Cover, Case             |
| 80   | 100-1750    | 16   | Bolt                           |
| 90   | 110-3725    | 1    | Main Bearing Case ASM          |
| 100  | 110-3723    | 2    | Bolt-Case, Bearing             |

| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 105  | 110-3741    | 1    | Crankshaft Metal ASM (STD)     |
| 105  | 125-9083    | 1    | Crankshaft Metal ASM (-0.20Mm) |
| 105  | 110-3743    | 1    | Crankshaft Metal ASM (-0.40Mm) |
| 110  | 125-9069    | 1    | Main Case Bearing ASM          |
| 120  | 110-3723    | 2    | Bolt-Case, Bearing             |
| 125  | 110-3741    | 1    | Crankshaft Metal ASM (STD)     |
| 125  | 125-9083    | 1    | Crankshaft Metal ASM (-0.20Mm) |
| 125  | 110-3743    | 1    | Crankshaft Metal ASM (-0.40Mm) |
| 130  | 100-1874    | 2    | Bolt-Case, Bearing             |



## Camshaft and Idle Gear Shaft Assembly

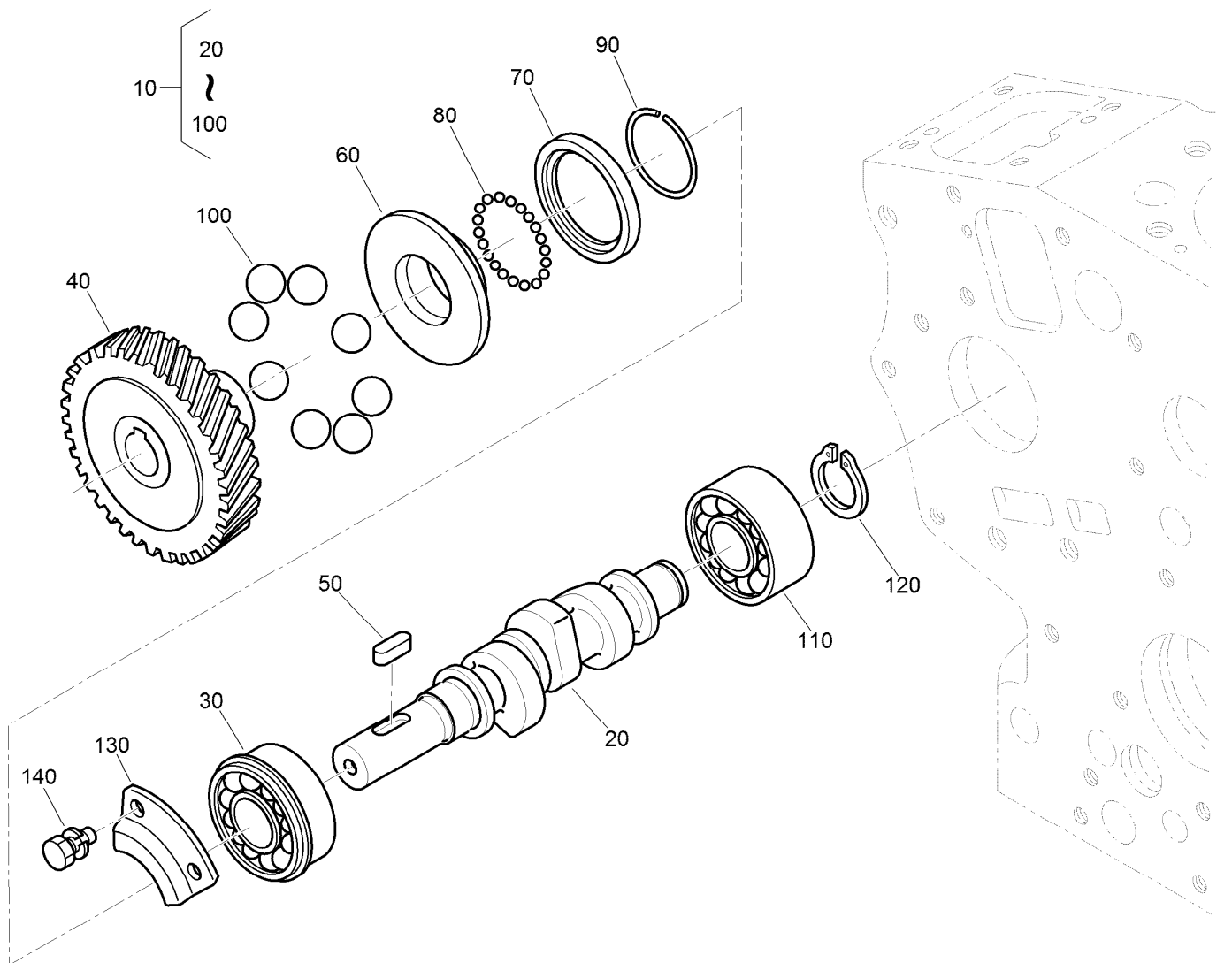
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 10   | 110-3727    | 6    | Tappet            |
| 20   | 100-1989    | 6    | Rod-Push          |
| 30   | 120-3126    | 1    | Camshaft ASM      |
| 50   | 110-3729    | 1    | Ball              |
| 60   | 130-1534    | 1    | Gear-Cam          |
| 70   | 98-9378     | 1    | Key-Feather       |
| 80   | 100-1887    | 1    | Stopper-Camshaft  |
| 90   | 98-9350     | 2    | Bolt              |
| 100  | 121-2421    | 1    | Idle Gear ASM     |
| 110  | 121-2422    | 1    | Bushing           |
| 120  | 100-1970    | 1    | Collar-Gear, Idle |
| 130  | 100-1969    | 1    | Ring-Snap         |
| 140  | 100-1967    | 1    | Shaft-Gear, Idle  |
| 150  | 100-1774    | 3    | Bolt-Flange       |
| 160  | 100-2240    | 1    | Idle Gear ASM     |



## Piston and Crankshaft Assembly

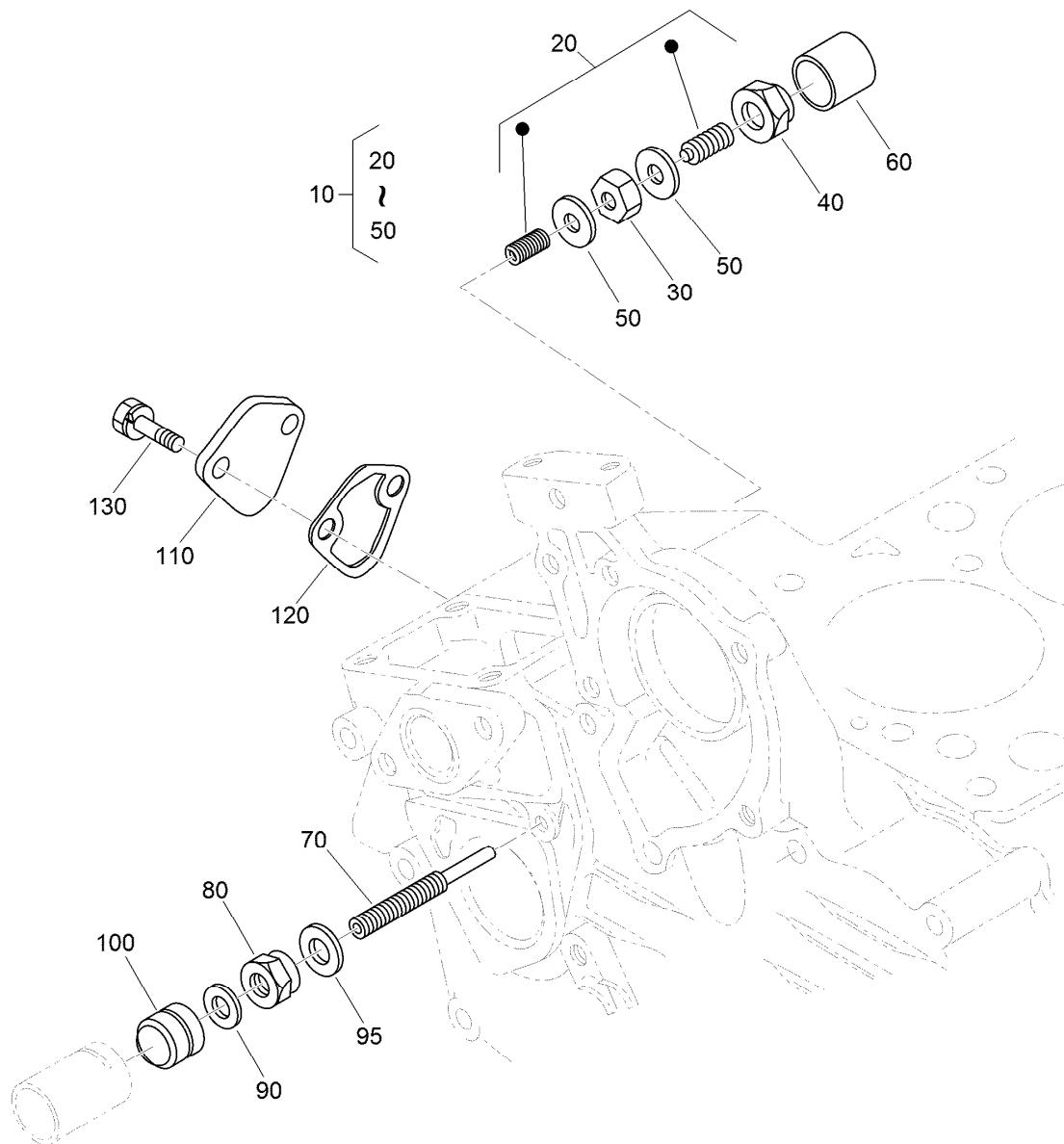
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 10   | 130-1518    | 3    | Piston                  |
| 10   | 130-1520    | 3    | Piston                  |
| 20   | 130-1516    | 3    | Piston Ring ASM         |
| 20   | 130-1517    | 3    | Piston Ring ASM         |
| 30   | 110-3734    | 3    | Pin-Piston              |
| 40   | 100-1835    | 6    | Circlip-Internal        |
| 50   | 125-9070    | 3    | Connecting Rod ASM      |
| 60   | 110-3736    | 3    | Bushing-Pin, Piston     |
| 70   | 100-1999    | 6    | Bolt-Rod, Connecting    |
| 80   | 100-2000    | 3    | Metal-Crankpin (STD)    |
| 80   | 121-3849    | 3    | Metal-Crankpin (-.20MM) |

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 80   | 121-2420    | 3    | Metal-Crankpin (-.40MM)   |
| 90   | 117-0308    | 1    | Crankshaft                |
| 100  | 100-1791    | 3    | Ball                      |
| 120  | 100-1891    | 1    | Gear-Crankshaft           |
| 130  | 100-1752    | 1    | Key-Feather               |
| 140  | 110-3738    | 1    | Metal-Crankshaft (STD)    |
| 140  | 121-2424    | 1    | Metal-Crankshaft (-.20MM) |
| 140  | 121-2425    | 1    | Metal-Crankshaft (-.40MM) |
| 150  | 100-1890    | 1    | Collar-Crankshaft         |
| 160  | 100-1974    | 1    | Slinger-Oil               |
| 170  | 100-2209    | 1    | O-Ring                    |



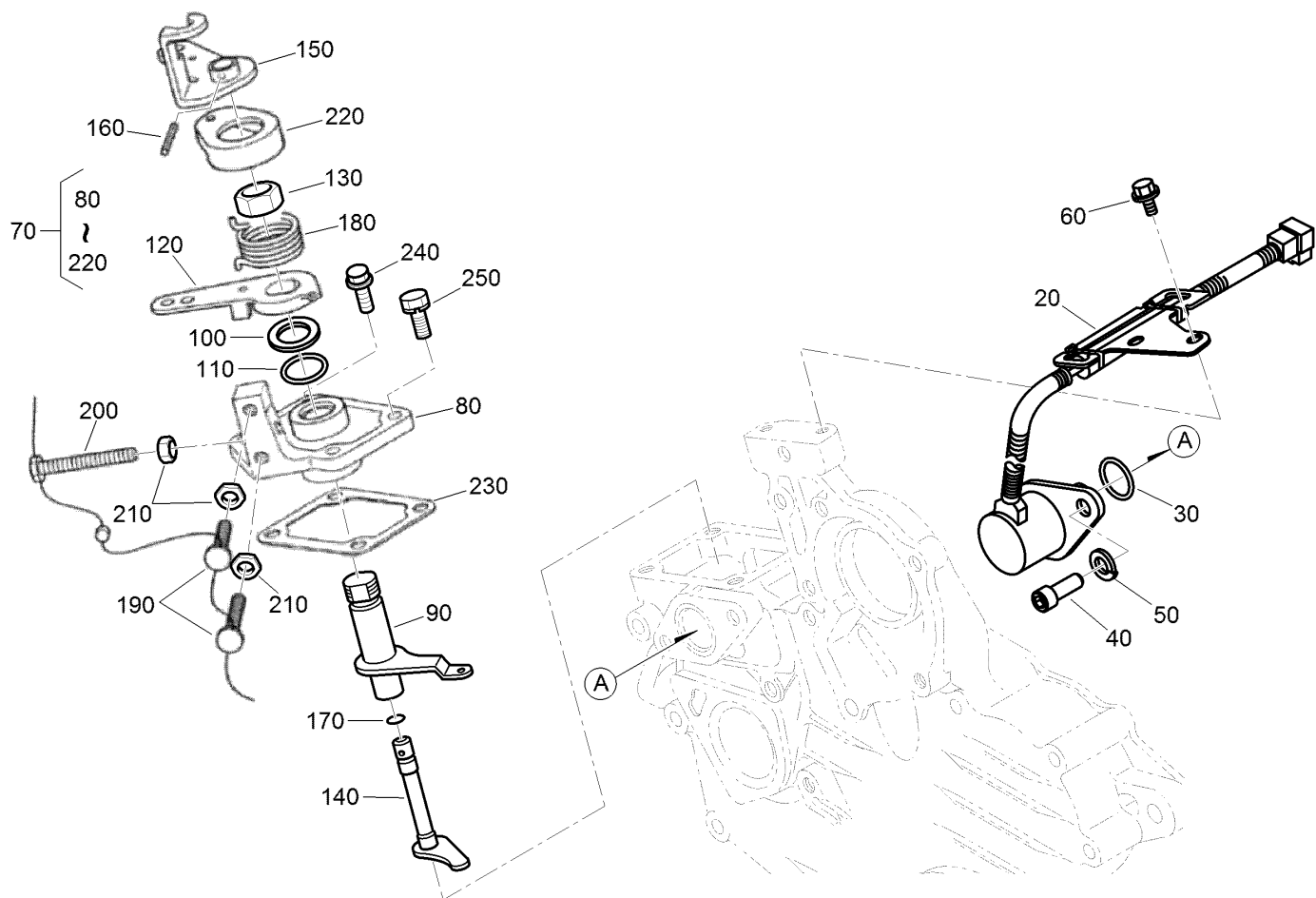
## Fuel Camshaft Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 10   | 112-8335    | 1    | Fuel Camshaft ASM      |
| 20   | 110-3756    | 1    | Camshaft-Fuel          |
| 30   | 100-1795    | 1    | Bearing-Ball           |
| 40   | 100-2006    | 1    | Gear-Pump, Injection   |
| 50   | 100-1752    | 1    | Key-Feather            |
| 60   | 112-8336    | 1    | Sleeve-Governor        |
| 70   | 100-1904    | 1    | Case-Ball, Governor    |
| 80   | 100-1790    | 32   | Ball                   |
| 90   | 100-1843    | 1    | Circ-Clip              |
| 100  | 100-1793    | 8    | Ball                   |
| 110  | 110-3757    | 1    | Bearing-Ball           |
| 120  | 100-1784    | 1    | Circ-Clip, External    |
| 130  | 100-1888    | 1    | Stopper-Fuel, Camshaft |
| 140  | 98-9350     | 2    | Bolt                   |



## Idle Apparatus and Fuel Pump Cover Assembly

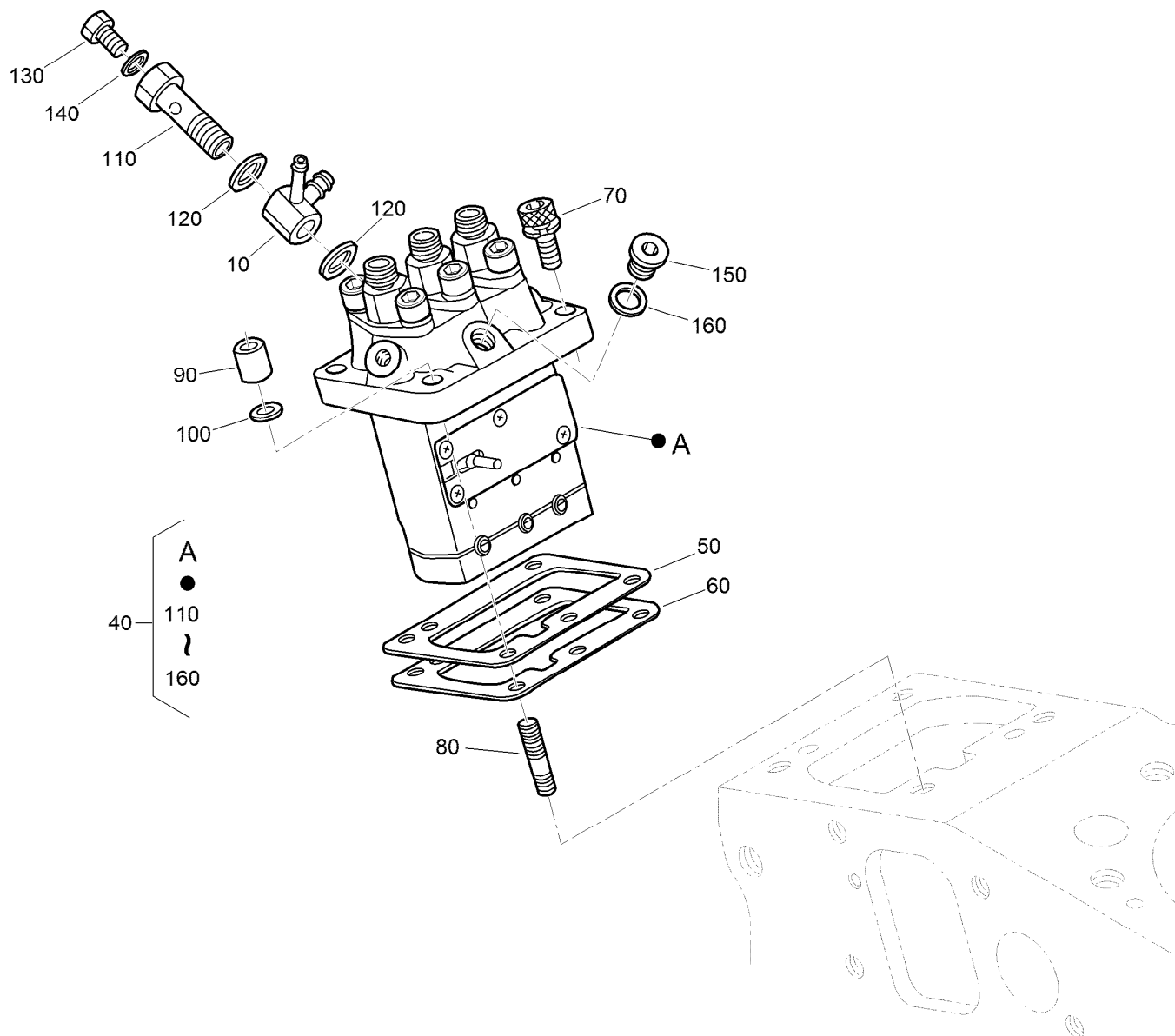
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 100-1898    | 1    | Idle Apparatus ASM |
| 20   | 100-1899    | 1    | Adjusting Bolt ASM |
| 30   | 100-1846    | 1    | Nut                |
| 40   | 100-1901    | 1    | Nut-Cap            |
| 50   | 98-7428     | 2    | Gasket             |
| 60   | 100-1902    | 1    | Cap                |
| 70   | 110-3758    | 1    | Bolt-Adjusting     |
| 80   | 100-2175    | 1    | Nut-Lock           |
| 90   | 98-7654     | 1    | Gasket             |
| 95   | 107-9081    | 1    | Gasket             |
| 100  | 99-8387     | 1    | Nut-Cap            |
| 110  | 99-3514     | 1    | Cover              |
| 120  | 98-9636     | 1    | Gasket-Pump, Fuel  |
| 130  | 98-7692     | 2    | Bolt               |



## Stop Solenoid and Speed Control Plate Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 20   | 117-2719    | 1    | Solenoid Stop ASM       |
| 30   | 110-3762    | 1    | O-Ring                  |
| 40   | 110-3763    | 2    | Bolt-HSH                |
| 50   | 98-7699     | 2    | Washer-Spring           |
| 60   | 100-1774    | 2    | Bolt-Flange             |
| 70   | 110-3769    | 1    | Speed Control Plate ASM |
| 80   | 110-3770    | 1    | Plate-Control, Speed    |
| 90   | 110-3771    | 1    | Lever-Governor          |
| 100  | 110-3772    | 1    | Collar                  |
| 110  | 100-2208    | 1    | O-Ring                  |
| 120  | 110-3773    | 1    | Lever-Control, Speed    |
| 130  | 110-3774    | 1    | Nut-Control, Speed      |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 140  | 110-3775    | 1    | Shaft-Lever           |
| 150  | 110-3776    | 1    | Lever-Stop, Engine    |
| 160  | 110-3777    | 1    | Pin-Spring            |
| 170  | 100-2207    | 1    | O-Ring                |
| 180  | 110-3778    | 1    | Spring-Return         |
| 190  | 120-3133    | 2    | Screw-Stopper         |
| 200  | 120-3134    | 1    | Bolt                  |
| 210  | 98-7572     | 3    | Nut                   |
| 220  | 110-3779    | 1    | Cap                   |
| 230  | 100-1962    | 1    | Gasket-Plate, Control |
| 240  | 127-0403    | 2    | Bolt-Flange           |
| 250  | 112-2507    | 2    | Bolt                  |

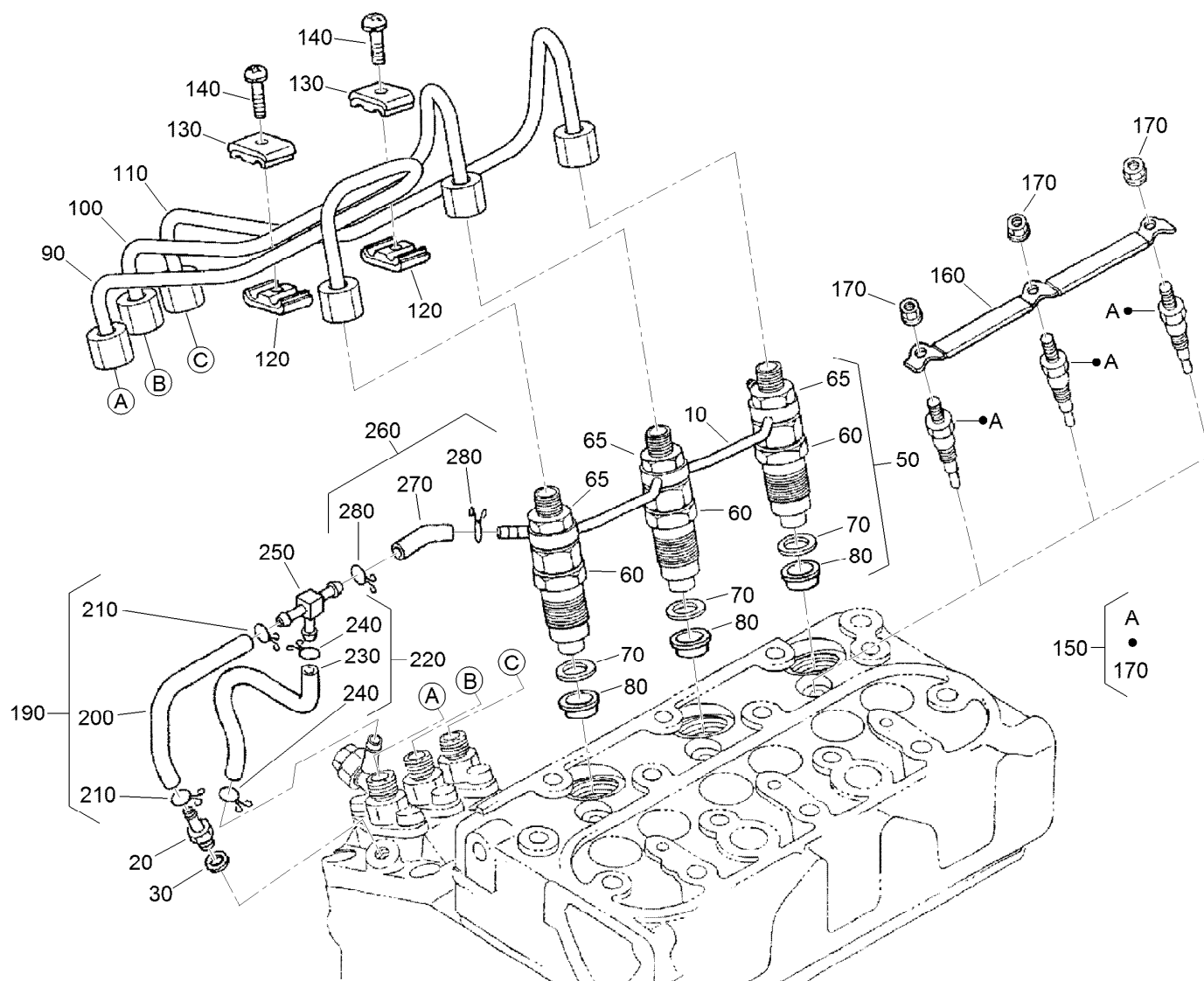


## Injection Pump Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 10   | 110-3764    | 1    | Joint                    |
| 40   | 110-3765    | 1    | Injection Pump ASM       |
| 50   | 115-3045    | 1    | Shim-Injection (0.175MM) |
| 50   | 98-9456     | 1    | Shim-Injection (0.20MM)  |
| 50   | 98-9457     | 1    | Shim-Injection (0.25MM)  |
| 60   | 98-9458     | 1    | Shim-Injection (0.30MM)  |
| 60   | 115-3046    | 1    | Shim-Injection (0.35MM)  |
| 70   | 117-7564    | 2    | Bolt-Hex Soc HD          |
| 80   | 98-9438     | 2    | Stud                     |

| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 90   | 98-9440     | 2    | Nut-Cap       |
| 100  | 98-7699     | 2    | Washer-Spring |
| 110  | 100-1896    | 1    | Screw-Hollow  |
| 120  | 98-9445     | 2    | Gasket        |
| 130  | 98-9430     | 1    | Screw         |
| 140  | 98-9446     | 1    | Gasket        |
| 150  | 98-9466     | 1    | Plug          |
| 160  | 98-9451     | 1    | Gasket        |



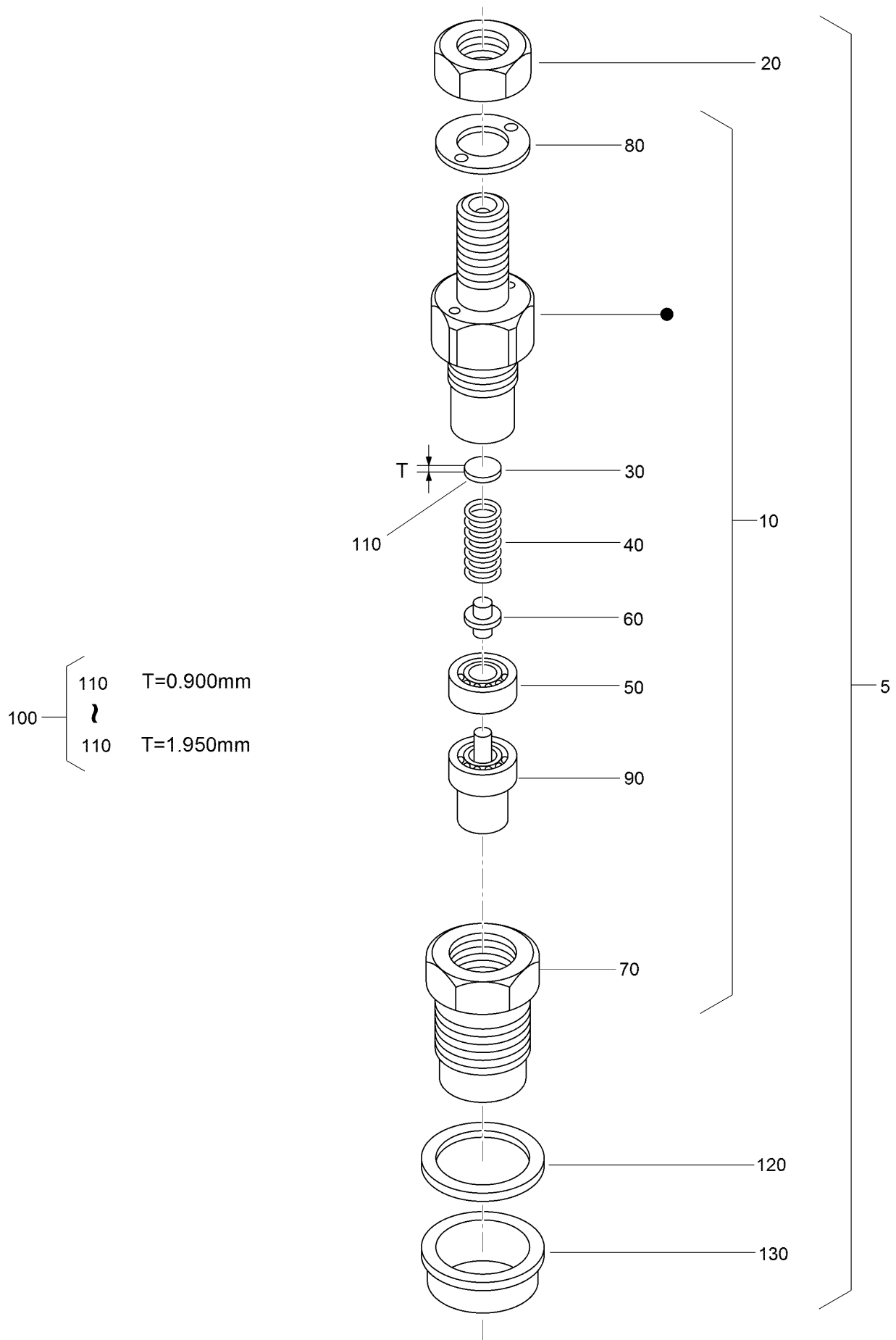


## Nozzle Holder and Glow Plug Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 110-3780    | 1    | Over Flow Pipe ASM |
| 20   | 98-9431     | 1    | Screw-Bleeder, Air |
| 30   | 98-7654     | 1    | Gasket             |
| 50   | 130-1305    | 3    | Nozzle Holder Kit  |
| 60   | 130-1303    | 3    | Nozzle Holder ASM  |
| 65   | 121-2411    | 3    | Nut                |
| 70   | 98-7676     | 3    | Gasket             |
| 80   | 98-7677     | 3    | Seal-Heat          |
| 90   | 130-1522    | 1    | Pipe-Injection     |
| 100  | 130-1523    | 1    | Pipe-Injection     |
| 110  | 130-1541    | 1    | Pipe-Injection     |
| 120  | 98-7682     | 2    | Clamp-Pipe         |
| 130  | 98-7683     | 2    | Clamp-Pipe         |
| 140  | 98-7684     | 2    | Screw (W/Washer)   |

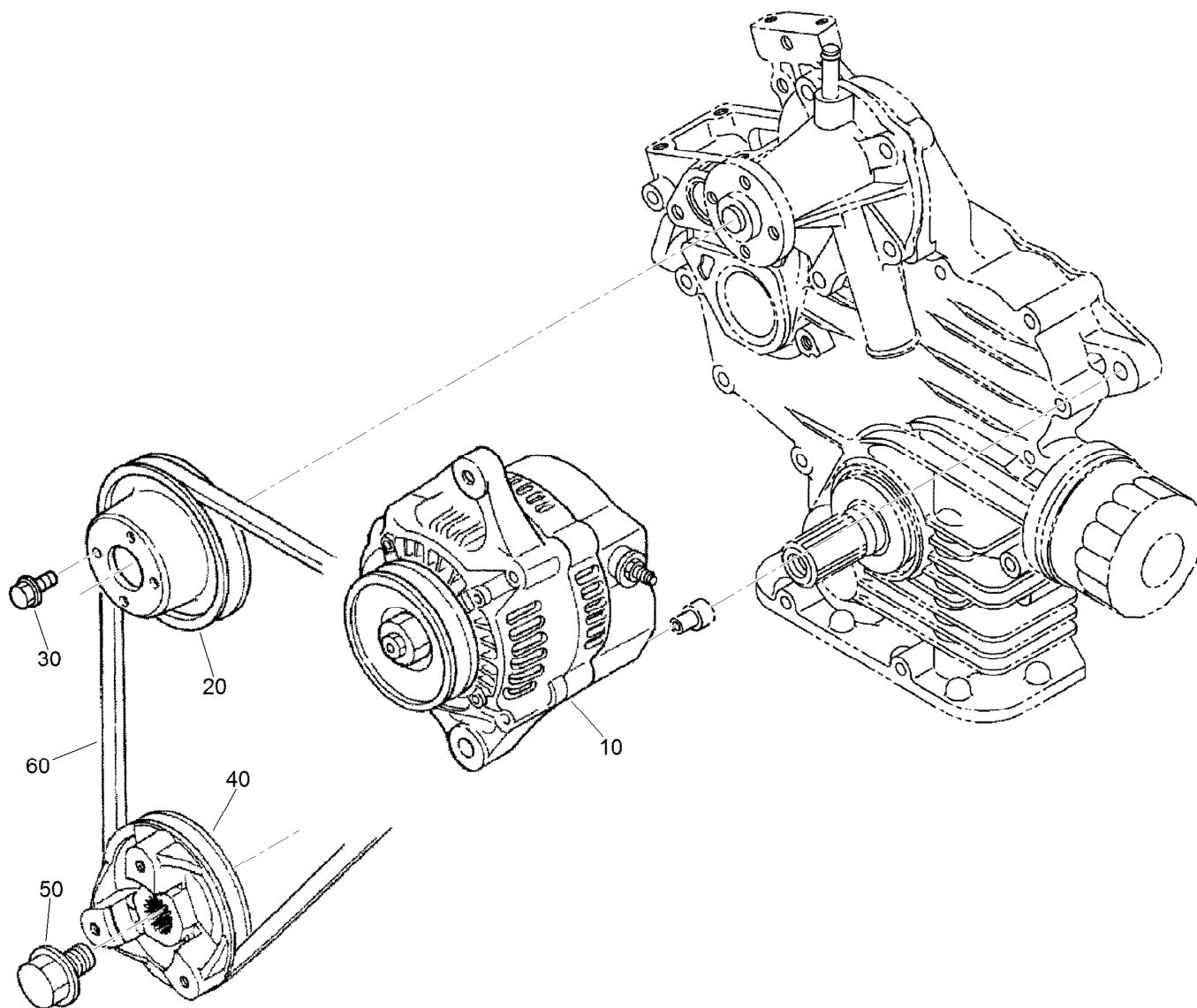
| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 150  | 130-1411    | 3    | Plug-Glow       |
| 160  | 110-3784    | 1    | Cord-Plug, Glow |
| 170  | 99-8377     | 3    | Nut-Flange      |
| 190  | 110-3785    | 1    | Fuel Tube ASM   |
| 200  | 110-3786    | 1    | Tube-Fuel       |
| 210  | 98-7671     | 2    | Clip-Pipe       |
| 220  | 110-3787    | 1    | Fuel Tube ASM   |
| 230  | 110-3788    | 1    | Tube-Fuel       |
| 240  | 98-7671     | 2    | Clip-Pipe       |
| 250  | 112-8338    | 1    | Pipe-Joint, T   |
| 260  | 110-3790    | 1    | Fuel Tube ASM   |
| 270  | 110-3791    | 1    | Tube-Fuel       |
| 280  | 98-7671     | 2    | Clip-Pipe       |

# Nozzle Holder Assembly



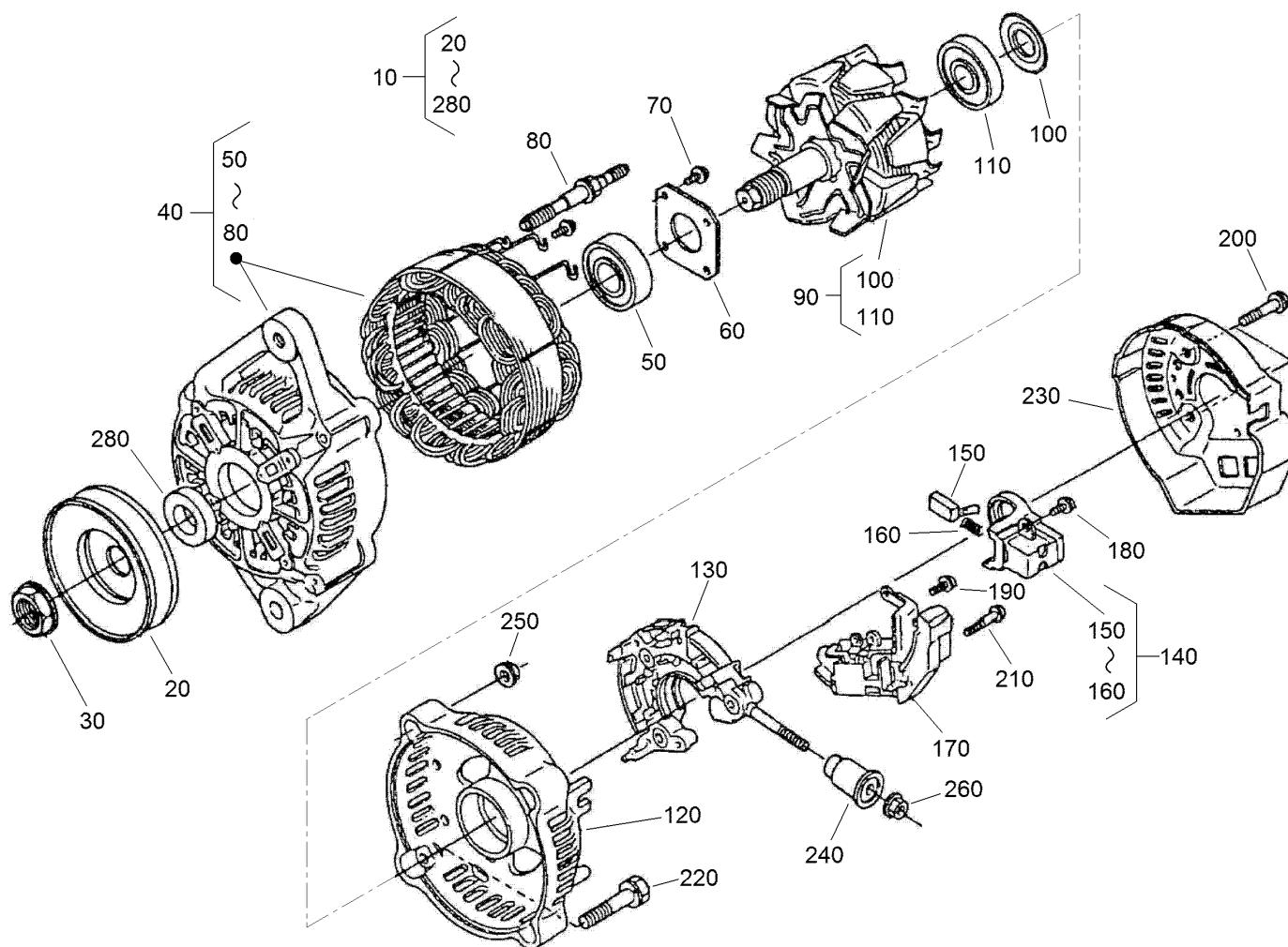
## Nozzle Holder Assembly (continued)

| <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>         |
|-------------|--------------------|-------------|----------------------------|-------------|--------------------|-------------|----------------------------|
| 5           | 130-1305           | 3           | Nozzle Holder Kit          | 110         | 98-7860            | 3           | Washer-Adjusting (1.400MM) |
| 10          | 130-1303           | 3           | Nozzle Holder ASM          | 110         | 98-7861            | 3           | Washer-Adjusting (1.425MM) |
| 20          | 121-2411           | 3           | Nut                        | 110         | 98-7862            | 3           | Washer-Adjusting (1.450MM) |
| 30          | 99-8302            | 3           | Washer-Adjusting           | 110         | 98-7863            | 3           | Washer-Adjusting (1.475MM) |
| 40          | 99-8303            | 3           | Spring-Nozzle              | 110         | 98-7864            | 3           | Washer-Adjusting (1.500MM) |
| 50          | 99-8304            | 3           | Spacer-Distance            | 110         | 98-7865            | 3           | Washer-Adjusting (1.525MM) |
| 60          | 99-8305            | 3           | Rod-Push                   | 110         | 98-7866            | 3           | Washer-Adjusting (1.550MM) |
| 70          | 130-1304           | 3           | Nut-Nozzle                 | 110         | 98-7867            | 3           | Washer-Adjusting (1.575MM) |
| 80          | 99-8307            | 3           | Washer-Plain               | 110         | 98-7868            | 3           | Washer-Adjusting (1.600MM) |
| 90          | 130-1497           | 3           | Nozzle-Piece               | 110         | 98-7869            | 3           | Washer-Adjusting (1.625MM) |
| 100         | 98-9448            | 3           | Adjusting Washer ASM       | 110         | 98-7870            | 3           | Washer-Adjusting (1.650MM) |
| 110         | 98-7642            | 3           | Washer-Adjusting (0.900Mm) | 110         | 98-7871            | 3           | Washer-Adjusting (1.675MM) |
| 110         | 98-7841            | 3           | Washer-Adjusting (0.925Mm) | 110         | 98-7872            | 3           | Washer-Adjusting (1.700MM) |
| 110         | 98-7842            | 3           | Washer-Adjusting (0.950Mm) | 110         | 98-7873            | 3           | Washer-Adjusting (1.725MM) |
| 110         | 98-7843            | 3           | Washer-Adjusting (0.975Mm) | 110         | 98-7874            | 3           | Washer-Adjusting (1.750MM) |
| 110         | 98-7844            | 3           | Washer-Adjusting (1.000Mm) | 110         | 98-7875            | 3           | Washer-Adjusting (1.775MM) |
| 110         | 98-7845            | 3           | Washer-Adjusting (1.025Mm) | 110         | 98-7876            | 3           | Washer-Adjusting (1.800MM) |
| 110         | 98-7846            | 3           | Washer-Adjusting (1.050Mm) | 110         | 98-7877            | 3           | Washer-Adjusting (1.825MM) |
| 110         | 98-7847            | 3           | Washer-Adjusting (1.075MM) | 110         | 98-7878            | 3           | Washer-Adjusting (1.850MM) |
| 110         | 98-7848            | 3           | Washer-Adjusting (1.100MM) | 110         | 98-7879            | 3           | Washer-Adjusting (1.875MM) |
| 110         | 98-7849            | 3           | Washer-Adjusting (1.125MM) | 110         | 98-7880            | 3           | Washer-Adjusting (1.900MM) |
| 110         | 98-7850            | 3           | Washer-Adjusting (1.150MM) | 110         | 98-7881            | 3           | Washer-Adjusting (1.925MM) |
| 110         | 98-7851            | 3           | Washer-Adjusting (1.175MM) | 110         | 98-7882            | 3           | Washer-Adjusting (1.950MM) |
| 110         | 98-7852            | 3           | Washer-Adjusting (1.200MM) | 120         | 98-7676            | 3           | Gasket                     |
| 110         | 98-7853            | 3           | Washer-Adjusting (1.225MM) | 130         | 98-7677            | 3           | Seal-Heat                  |
| 110         | 98-7854            | 3           | Washer-Adjusting (1.250MM) |             |                    |             |                            |
| 110         | 98-7855            | 3           | Washer-Adjusting (1.275MM) |             |                    |             |                            |
| 110         | 98-7856            | 3           | Washer-Adjusting 1.300MM)  |             |                    |             |                            |
| 110         | 98-7857            | 3           | Washer-Adjusting (1.325MM) |             |                    |             |                            |
| 110         | 98-7858            | 3           | Washer-Adjusting (1.350MM) |             |                    |             |                            |
| 110         | 98-7859            | 3           | Washer-Adjusting (1.375MM) |             |                    |             |                            |



## Alternator and Pulley Assembly

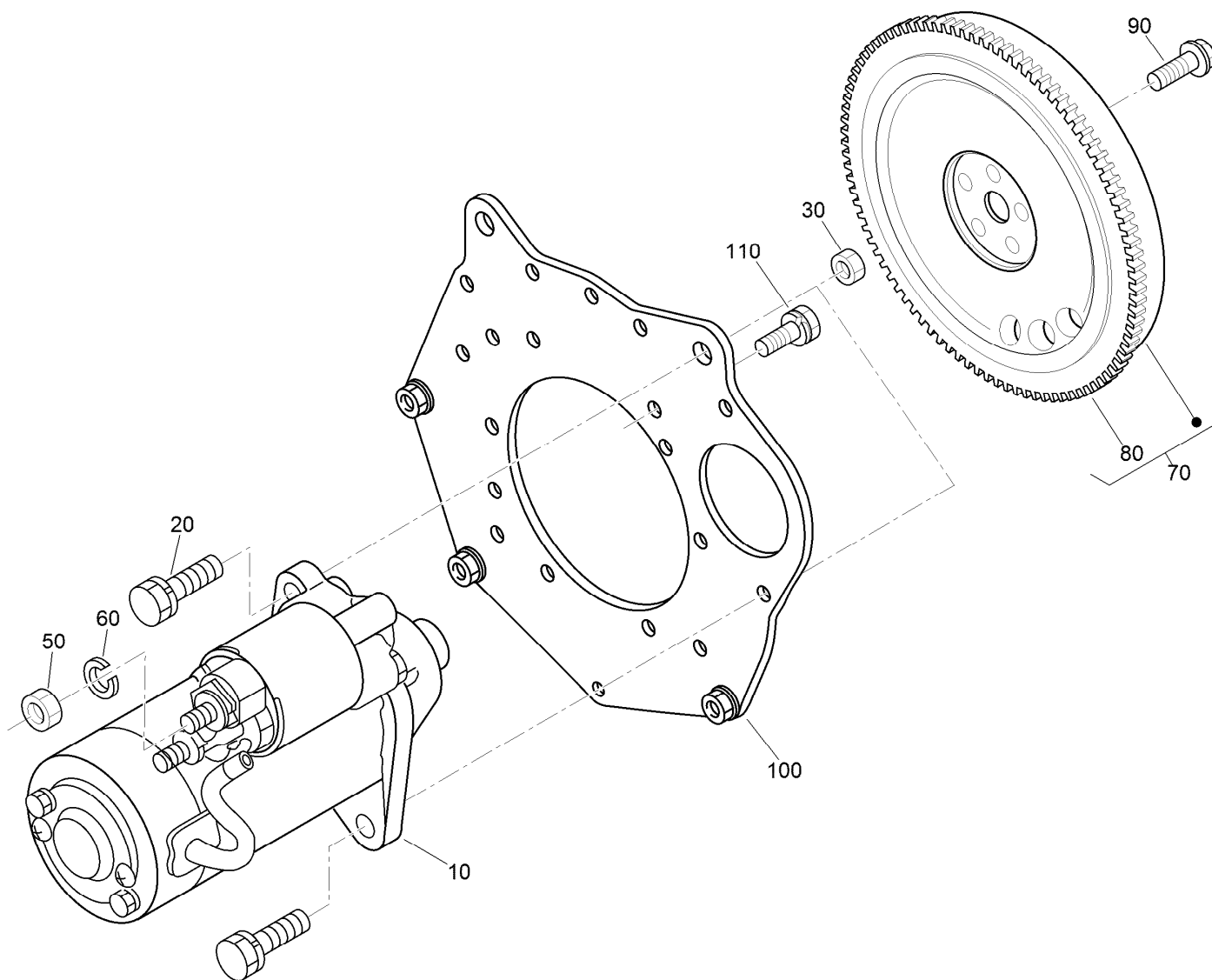
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 10          | 117-5541           | 1           | 60 Amp Alternator ASM |
| 20          | 100-1921           | 1           | Pulley-Fan            |
| 30          | 99-8363            | 4           | Bolt-Flange           |
| 40          | 112-2510           | 1           | Pulley-Drive, Fan     |
| 50          | 100-1978           | 1           | Bolt                  |
| 60          | 119-4486           | 1           | Belt-V, Fan           |



## Alternator Components Assembly

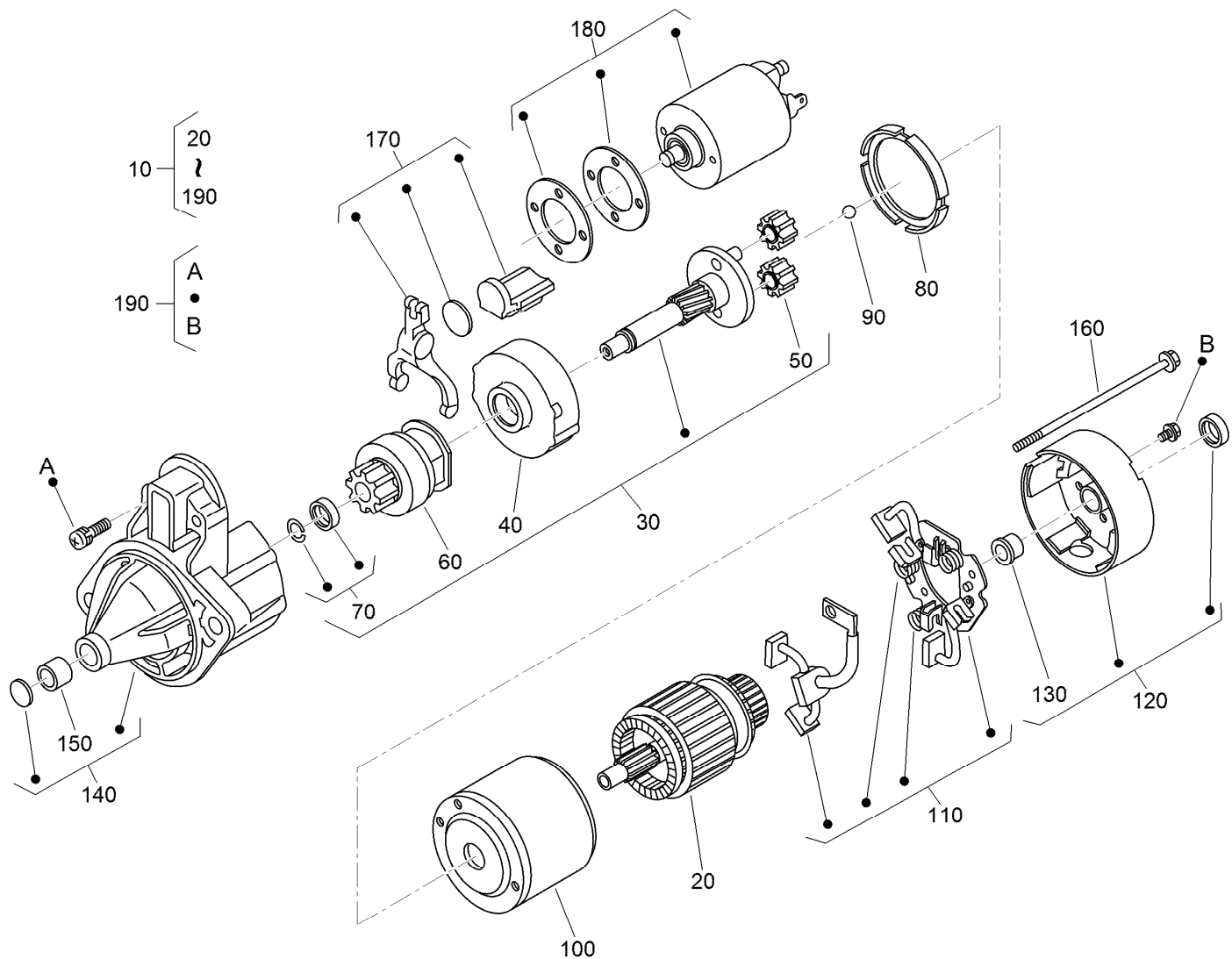
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 117-5541    | 1    | 60 Amp Alternator ASM |
| 20   | 98-9453     | 1    | Pulley-Dynamo         |
| 30   | 98-7708     | 1    | Nut                   |
| 40   | 117-0316    | 1    | Drive End Frame ASM   |
| 50   | 133-2811    | 1    | Bearing               |
| 60   | 98-7715     | 1    | Plate-Retainer        |
| 70   | 98-7716     | 4    | Screw-Head, Round     |
| 80   | 98-7717     | 2    | Bolt-Through          |
| 90   | 117-0317    | 1    | Rotor ASM             |
| 100  | 98-7711     | 1    | Cover-Bearing         |
| 110  | 107-0138    | 1    | Bearing-Ball          |
| 120  | 133-2813    | 1    | Frame-End             |
| 130  | 117-0322    | 1    | Holder                |
| 140  | 107-0141    | 1    | Brush Holder ASM      |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 150  | 98-7724     | 2    | Brush             |
| 160  | 98-7725     | 2    | Spring-Brush      |
| 170  | 117-0319    | 1    | Regulator ASM     |
| 180  | 98-7727     | 6    | Screw-Head, Round |
| 190  | 98-7728     | 1    | Screw-Head, Round |
| 200  | 98-7729     | 3    | Bolt              |
| 210  | 98-7726     | 2    | Screw-Head, Round |
| 220  | 98-7731     | 2    | Bolt              |
| 230  | 117-0320    | 1    | Cover-End         |
| 240  | 117-0321    | 1    | Insulation-Brush  |
| 250  | 98-7730     | 2    | Nut               |
| 260  | 98-7732     | 1    | Nut               |
| 280  | 98-7709     | 1    | Collar            |



## Starter and Flywheel Assembly

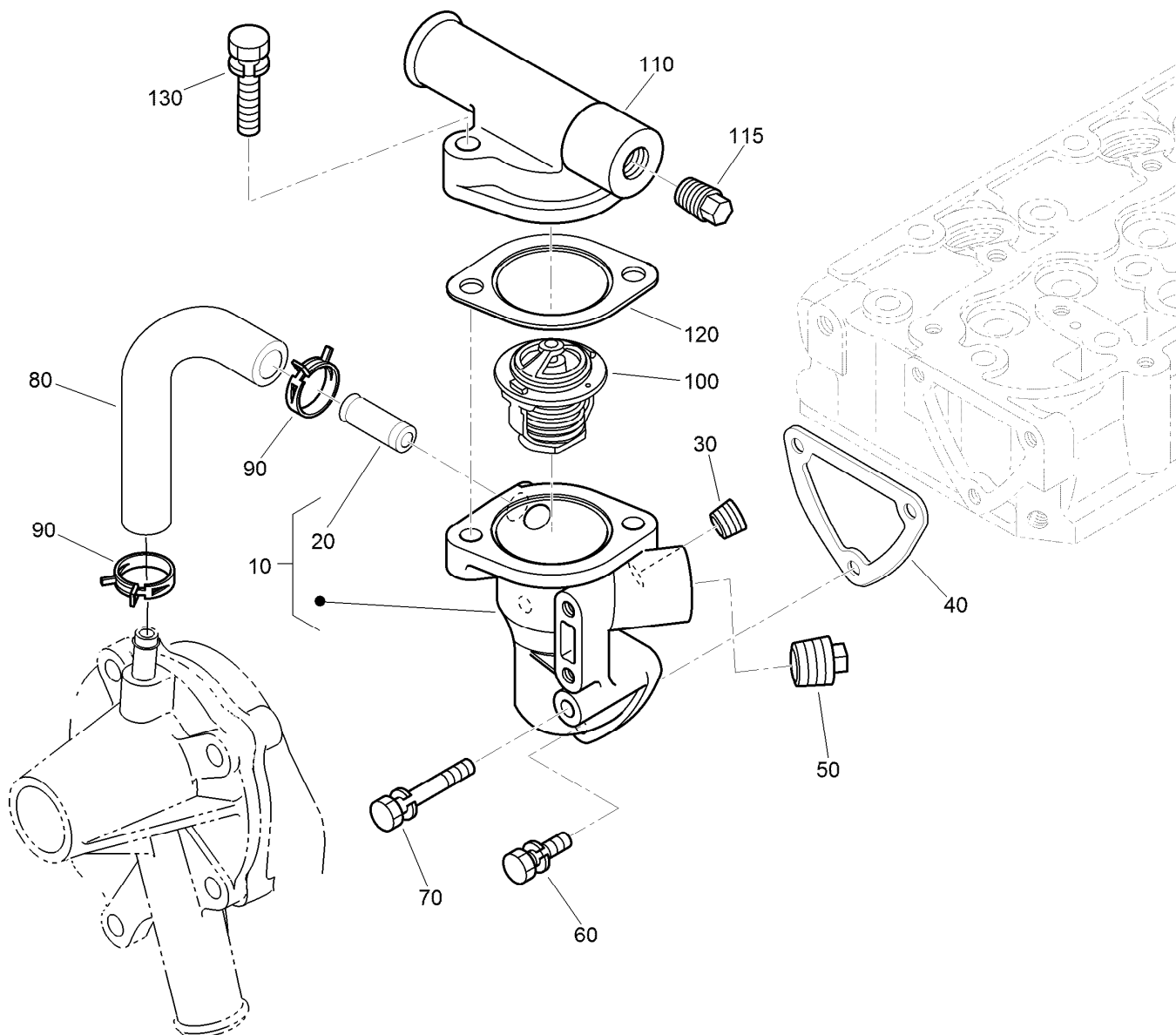
| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 10   | 110-3800    | 1    | Starter ASM     |
| 20   | 98-7697     | 2    | Bolt            |
| 30   | 98-7534     | 2    | Nut             |
| 50   | 98-7534     | 1    | Nut             |
| 60   | 105-2893    | 1    | Washer-Spring   |
| 70   | 130-1369    | 1    | Flywheel ASM    |
| 80   | 127-1604    | 1    | Gear-Ring       |
| 90   | 100-1930    | 5    | Bolt-Flywheel   |
| 100  | 120-3130    | 1    | Plate-End, Rear |
| 110  | 110-3754    | 10   | Bolt            |



## Starter Component Assembly

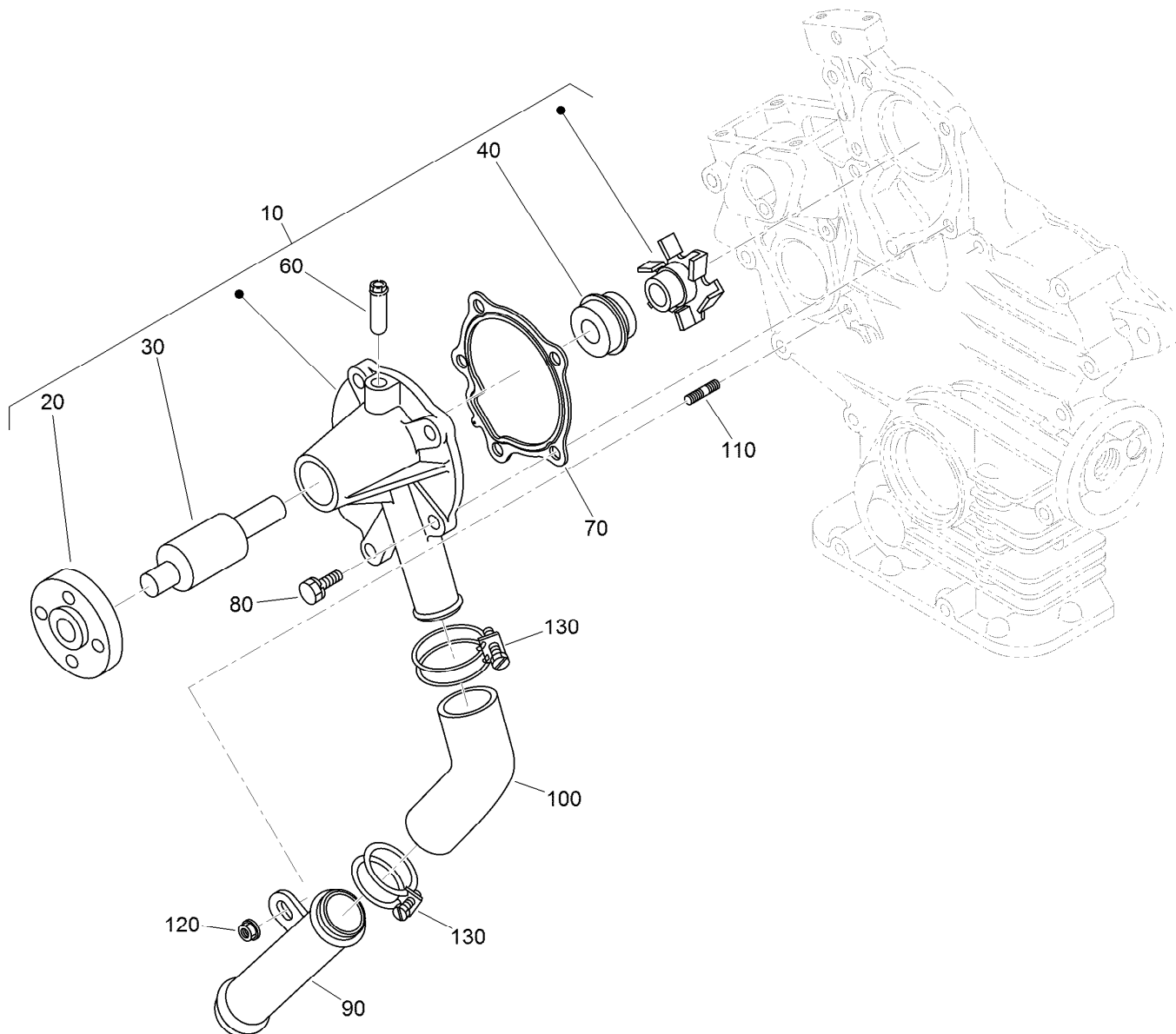
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 110-3800    | 1    | Starter ASM          |
| 20   | 110-3801    | 1    | Armature             |
| 30   | 110-3802    | 1    | Shaft ASM            |
| 40   | 120-3142    | 1    | Gear-Internal        |
| 50   | 110-3804    | 3    | Gear-Planetary       |
| 60   | 110-3805    | 1    | Clutch-Running, Over |
| 70   | 110-3806    | 1    | Stopper              |
| 80   | 120-3143    | 1    | Gasket               |
| 90   | 110-3808    | 1    | Ball                 |
| 100  | 130-1295    | 1    | Yoke                 |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 110  | 110-3810    | 1    | Brush Holder ASM    |
| 120  | 110-3811    | 1    | Rear Bracket ASM    |
| 130  | 110-3812    | 1    | Bushing             |
| 140  | 110-3813    | 1    | Front Bracket ASM   |
| 150  | 110-3814    | 1    | Bushing             |
| 160  | 110-3815    | 2    | Bolt                |
| 170  | 110-3816    | 1    | Fork Lever ASM      |
| 180  | 110-3817    | 1    | Magnetic Switch ASM |
| 190  | 110-3818    | 1    | Screws (Set Of 4)   |



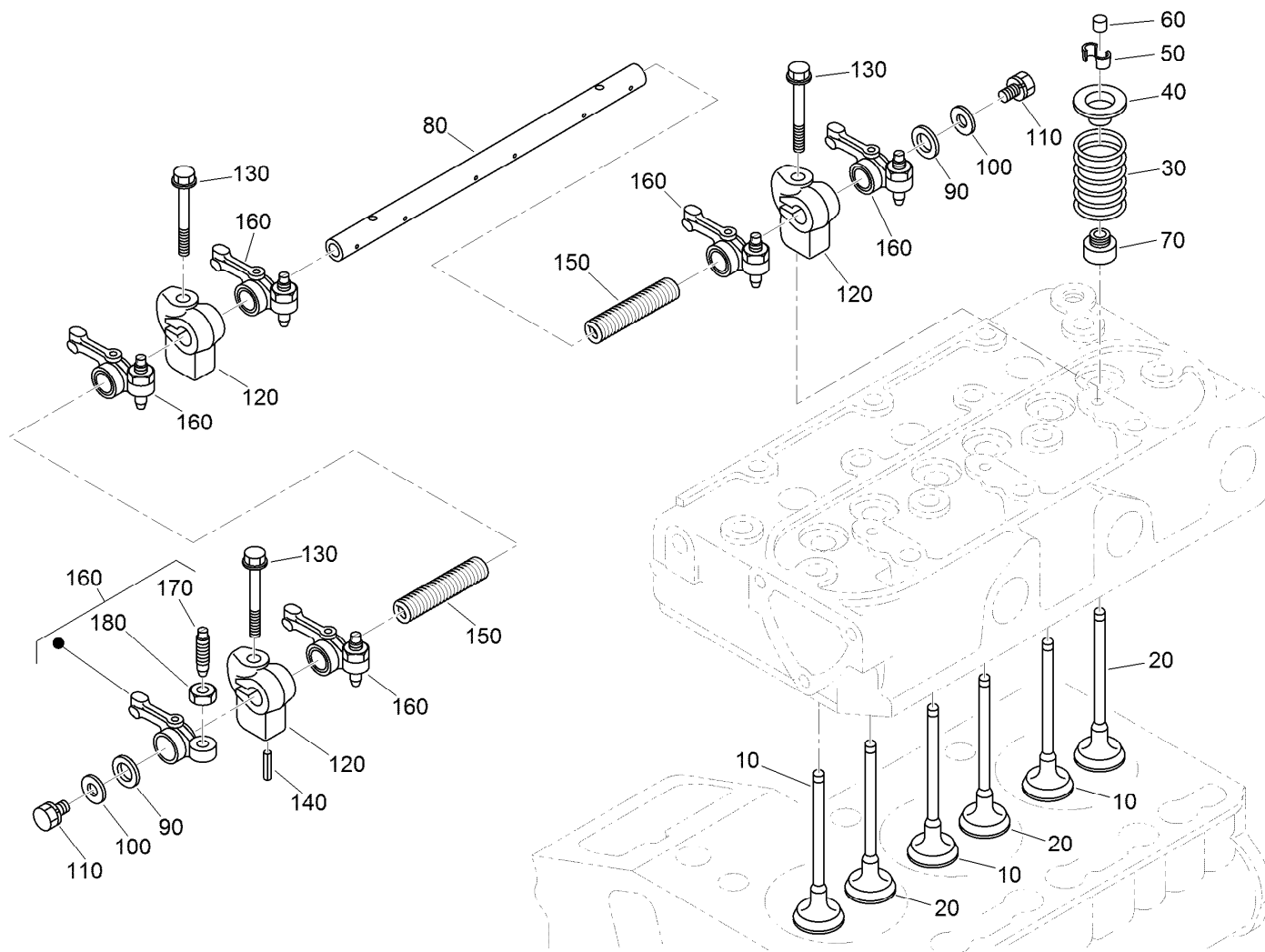
## Water Flange and Thermostat Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 110-3819    | 1    | Water Flange ASM     |
| 20   | 98-9580     | 1    | Pipe-Return, Water   |
| 30   | 98-9444     | 1    | Plug                 |
| 40   | 110-3820    | 1    | Gasket-Flange, Water |
| 50   | 110-3821    | 1    | Plug                 |
| 60   | 98-7692     | 2    | Bolt                 |
| 70   | 125-9063    | 1    | Bolt-Sems            |
| 80   | 110-3822    | 1    | Pipe-Return, Water   |
| 90   | 125-9078    | 2    | Clamp-Hose           |
| 100  | 98-7778     | 1    | Thermostat ASM       |
| 110  | 120-7575    | 1    | Cover-Thermostat     |
| 115  | 125-9079    | 1    | Plug                 |
| 120  | 105-3748    | 1    | Gasket-Thermostat    |
| 130  | 98-7777     | 2    | Bolt                 |



## Water Pump and Water Pipe Assembly

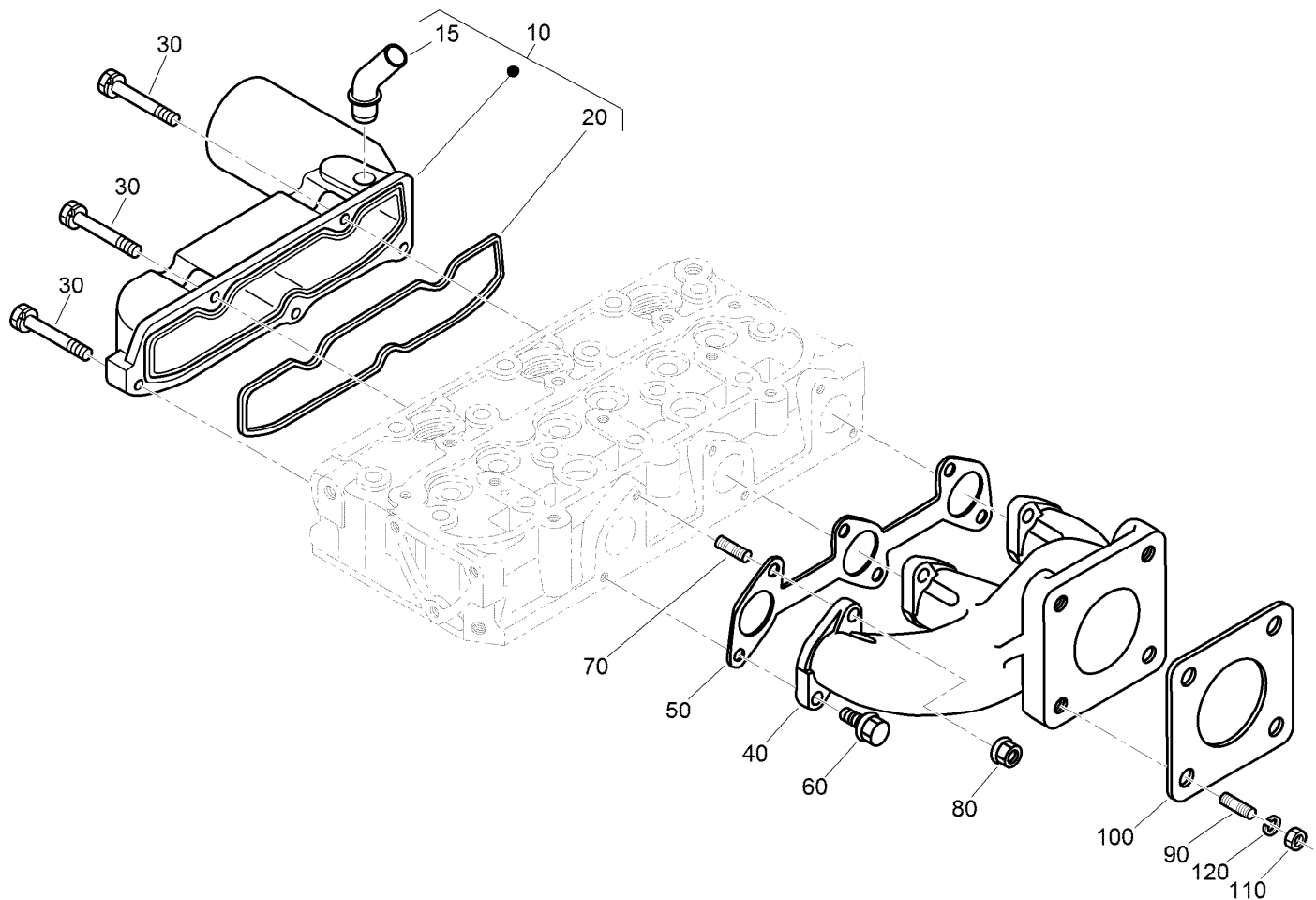
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 10   | 110-3824    | 1    | Water Pump ASM      |
| 20   | 125-9081    | 1    | Flange-Pump, Water  |
| 30   | 100-1934    | 1    | Bearing-Ball        |
| 40   | 99-3518     | 1    | Water Pump Seal ASM |
| 60   | 100-1932    | 1    | Pipe-Return, Water  |
| 70   | 117-0330    | 1    | Gasket-Pump, Water  |
| 80   | 100-1750    | 4    | Bolt                |
| 90   | 100-1918    | 1    | Pipe-Water          |
| 100  | 110-3827    | 1    | Pipe-Water          |
| 110  | 100-1924    | 1    | Stud                |
| 120  | 100-2203    | 1    | Nut-Flange          |
| 130  | 110-3828    | 2    | Band-Pipe           |



## Valve and Rocker Arm Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 10   | 112-2514    | 3    | Valve-Inlet            |
| 20   | 112-2515    | 3    | Valve-Exhaust          |
| 30   | 100-1823    | 6    | Spring-Valve           |
| 40   | 100-1825    | 6    | Retainer-Spring, Valve |
| 50   | 120-3136    | 6    | Collet-Spring, Valve   |
| 60   | 100-2155    | 6    | Cap-Valve              |
| 70   | 100-1797    | 6    | Seal-Stem, Valve       |
| 80   | 112-8341    | 1    | Shaft-Arm, Rocker      |
| 90   | 100-2044    | 2    | Washer                 |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 100  | 110-3832    | 2    | Washer-Plain        |
| 110  | 100-1762    | 2    | Bolt                |
| 120  | 110-3833    | 3    | Bracket-Arm, Rocker |
| 130  | 110-3834    | 3    | Bolt-Flange         |
| 140  | 98-7602     | 1    | Pin-Spring          |
| 150  | 112-8342    | 2    | Spring              |
| 160  | 100-1884    | 6    | Rocker Arm ASM      |
| 170  | 100-1885    | 6    | Screw-Adjusting     |
| 180  | 100-1827    | 6    | Nut                 |



## Inlet and Exhaust Manifold Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 10   | 120-3141    | 1    | Intake Manifold ASM      |
| 15   | 121-2417    | 1    | Pipe-Breather            |
| 20   | 110-3838    | 1    | Gasket-Manifold, Intake  |
| 30   | 98-9352     | 5    | Bolt                     |
| 40   | 110-3839    | 1    | Manifold-Exhaust         |
| 50   | 110-3840    | 1    | Gasket-Manifold, Exhaust |
| 60   | 130-1154    | 3    | Screw-Hex HD             |
| 70   | 130-1156    | 3    | Bolt-Stud                |
| 80   | 100-1778    | 3    | Nut                      |
| 90   | 98-7769     | 4    | Stud                     |
| 100  | 99-8343     | 1    | Gasket-Muffler           |
| 110  | 98-7534     | 4    | Nut                      |
| 120  | 105-2893    | 4    | Washer-Spring            |

# Attachments and Accessories

## For 04520 Greensmaster 3400 TriFlex Traction Unit

| Product Name                                                           | Model/Part |
|------------------------------------------------------------------------|------------|
| Turf Evaluator .....                                                   | 04399      |
| CE Guard Kit.....                                                      | 04442      |
| Light Kit.....                                                         | 04554      |
| 8-Blade DPA Reel Mower .....                                           | 04651      |
| 11-Blade DPA Reel Mower .....                                          | 04653      |
| 14-Blade DPA Reel Mower .....                                          | 04655      |
| Three-Wheel Drive Kit .....                                            | 04714      |
| Standard Seat Kit.....                                                 | 04718      |
| Premium Seat Kit.....                                                  | 04719      |
| Dethatching Unit.....                                                  | 04720      |
| Tri-Roller .....                                                       | 04722      |
| Spiker .....                                                           | 04723      |
| Hydraulic Oil Leak Detector Kit .....                                  | 04730      |
| Premium All Season Hydraulic Fluid (55 Gallon Drum) .....              | 108-1177   |
| Premium All Season Hydraulic Fluid (5 Gallon Pail) .....               | 108-1178   |
| Bimini Folding Shade Assembly .....                                    | 115-4510   |
| Oil Cooler Kit.....                                                    | 117-9314   |
| Bag Kit .....                                                          | 119-1715   |
| Premium Synthetic Bio-Degradable Hydraulic Fluid (5 Gallon Pail) ..... | 119-2157   |
| Premium Synthetic Bio-Degradable Hydraulic Fluid (55 Gallon Drum)..... | 119-2158   |
| Premium Armrest Kit.....                                               | 119-7105   |
| Spark Arrester Kit .....                                               | 120-1951   |
| Premium Engine Oil 10w30 (55 Gallon Drum) .....                        | 121-6392   |
| Premium Engine Oil 10w30 (5 Gallon Pail) .....                         | 121-6393   |
| Weight Kit .....                                                       | 121-6665   |
| 400-hour Filter Maintenance Kit.....                                   | 30043      |
| LH Armrest Asm .....                                                   | 92-7307    |
| Height-of-Cut Bar.....                                                 | 94-9010    |
| Tire-TURFMATE .....                                                    | 99-4506    |

**Notes:**

**Notes:**

**Notes:**



**Count on it.**