



Form No. 3431-918 Rev A

**Count on it.**

# Parts Catalog

## Workman® HDX-D Utility Vehicle with Bed

Model No. 07385—Serial No. 404950001 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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## Front Frame Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 138-9251    | 1    | Frame-Front            |
| 2    | 87-2440     | 2    | Bumper-Rubber          |
| 3    | 26-0071     | 2    | Snubber-Rubber         |
| 7    | 42862       | 1    | Block-Terminal, Ground |
| 8    | 32105-13    | 6    | Screw-HWH              |
| 9    | 3290-148    | 6    | Nut-HF                 |
| 12   | 106-2427-03 | 1    | Cover                  |
| 13   | 114-8272-03 | 1    | Bracket-Bumper         |
| 14   | 3234-5      | 4    | Screw-HHF              |
| 15   | 32144-70    | 4    | Screw-HWHTF            |

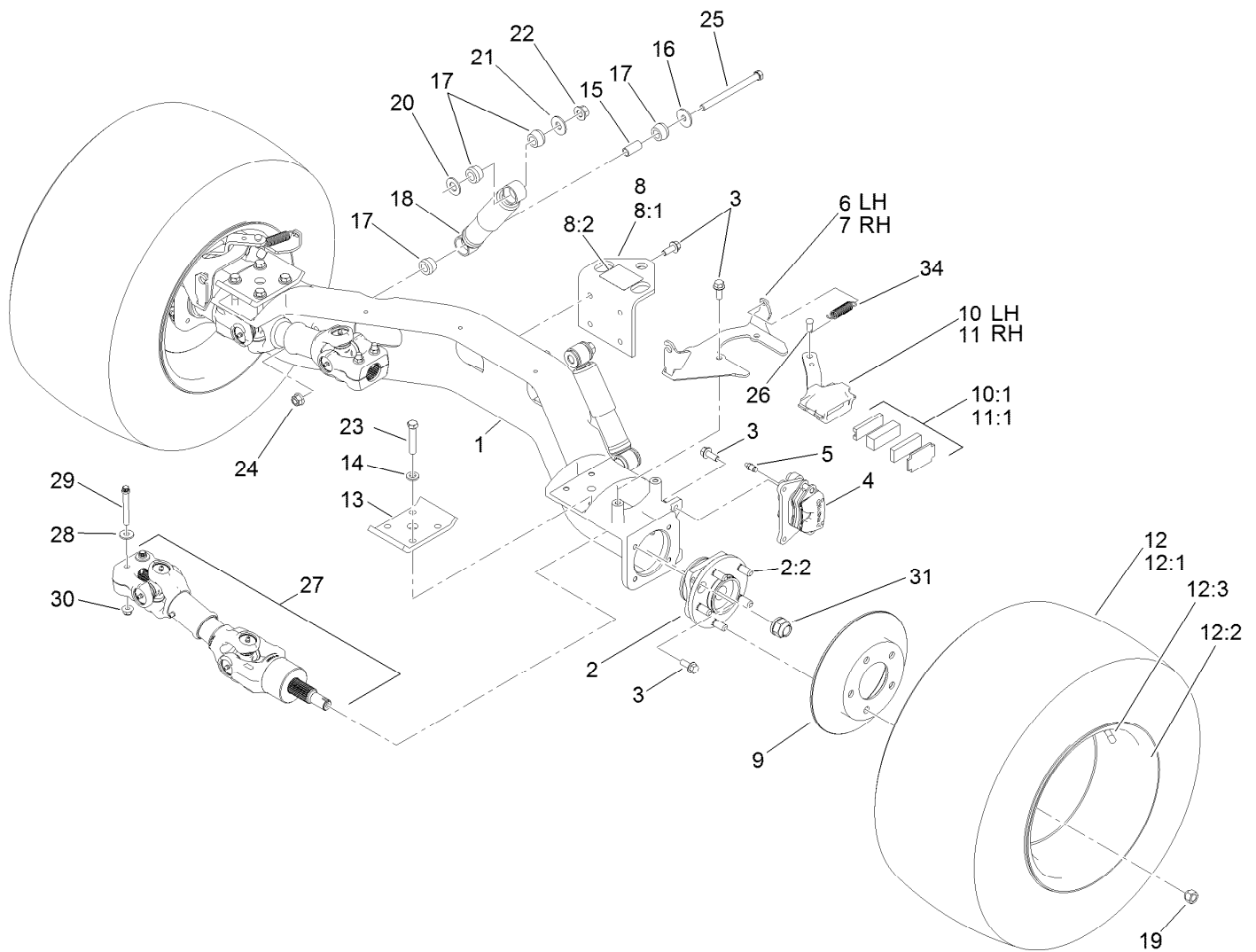
| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 17   | 94-2413     | 7    | Nut-U           |
| 18   | 3231-21     | 4    | Screw-CARR      |
| 19   | 3290-357    | 6    | Nut-HHF, Whiz   |
| 21   | 114-8418    | 7    | Screw-HWH, Sems |
| 22   | 42863       | 1    | Strip-Jumper    |
| 23   | 107-8042    | 2    | Bumper-Rubber   |
| 25   | 3290-379    | 9    | Tie-Cable       |
| 26   | 115-7813    | 1    | Decal-Fuse      |
| 31   | 32180-030   | 2    | Clip-Tie        |



## Rear Frame and Suspension Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 115-2255-03 | 1    | Frame-Rear        |
| 2    | 131-3474    | 1    | Mount-Spring, LH  |
| 3    | 131-3472    | 1    | Mount-Spring, RH  |
| 4    | 104-8301    | 10   | Nut-HF, NI        |
| 5    | 87-4760     | 12   | Bushing-Rubber    |
| 6    | 87-1490     | 2    | Spring-Leaf, Rear |
| 7    | 131-3476    | 4    | Shackle           |
| 8    | 3234-38     | 18   | Screw-HHF         |
| 9    | 99-5107     | 18   | Nut-Lock          |
| 10   | 32148-9     | 4    | Nut-Clinch        |
| 11   | 87-5800-03  | 2    | Mount-Transaxle   |
| 12   | 106-7865    | 2    | Mount-Engine      |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 13   | 87-5100     | 4    | Washer-Snubbing    |
| 14   | 3234-24     | 4    | Screw-HHF          |
| 15   | 108-3109    | 2    | Retainer-Cylinder  |
| 16   | 3229-1      | 2    | Bolt-CARR          |
| 17   | 104-7201    | 3    | Nut-HF             |
| 18   | 87-3470     | 2    | Bumper             |
| 19   | 103-9511    | 2    | Nut-Lock, NI       |
| 20   | 115-2047    | 2    | Decal-Surface, Hot |
| 21   | 33116-080   | 2    | Screw-HH           |
| 22   | 3255-8      | 1    | Washer-Lock        |
| 23   | 32105-15    | 1    | Screw-HWH          |

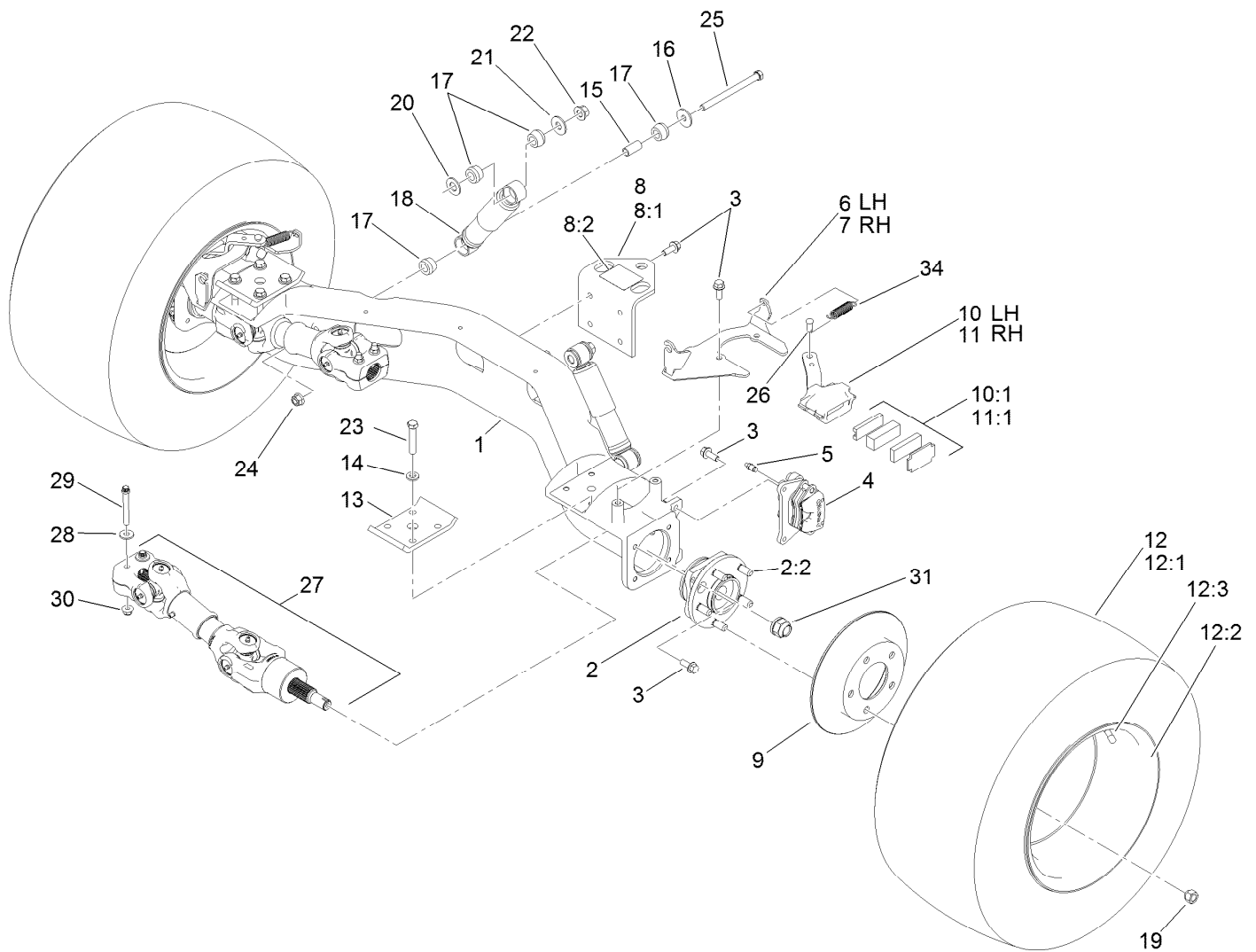


## Rear Axle Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 119-9515    | 1    | Axle-Rear              |
| 2    | 121-9751    | 2    | Hub-Bearing, Wheel     |
| 2:2  | 121-9752    | 5    | Stud-Wheel             |
| 3    | 3234-11     | 20   | Screw-HHF              |
| 4    | 127-7424    | 2    | Brake Caliper ASM      |
| 5    | 119-9509    | 2    | Screw-Bleed            |
| 6    | 115-2362-03 | 1    | Bracket-Caliper, LH    |
| 7    | 115-2359-03 | 1    | Bracket-Caliper, RH    |
| 8    | 115-7742    | 1    | Hitch ASM              |
| 8:1  | 92-5951-03  | 1    | Angle-Hitch            |
| 8:2  | 136-1163    | 1    | Decal-Load, Towing     |
| 9    | 114-8351    | 2    | Rotor-Brake            |
| 10   | 114-8365    | 1    | Caliper-Mechanical, LH |
| 10:1 | 115-7847    | 1    | Parking Brake Pad Kit  |
| 11   | 114-8366    | 1    | Caliper-Mechanical, RH |
| 11:1 | 115-7847    | 1    | Parking Brake Pad Kit  |
| 12   | 131-8428    | 2    | Tire/Wheel ASM         |
| 12:1 | 131-6673    | 1    | Tire-Rear              |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 12:2 | 131-8429    | 1    | Wheel                  |
| 12:3 | 232-27      | 1    | Stem-Valve             |
| 13   | 87-7470-03  | 2    | Plate-Spring, Clamp    |
| 14   | 87-7480     | 8    | Washer                 |
| 15   | 87-3600     | 2    | Spacer-Absorber, Shock |
| 16   | 87-5330     | 2    | Washer                 |
| 17   | 87-3920     | 8    | Bushing                |
| 18   | 121-9774    | 2    | Absorber-Shock         |
| 19   | 242-50      | 10   | Nut-Lug                |
| 20   | 3256-27     | 2    | Washer-Flat            |
| 21   | 3256-6      | 2    | Washer-Flat            |
| 22   | 99-5107     | 2    | Nut-Lock               |
| 23   | 115-2398    | 8    | Bolt-HH                |
| 24   | 114-8417    | 2    | Nut-HF, NI             |
| 25   | 114-8424    | 2    | Screw-HH               |
| 26   | 283-85      | 2    | Pin-Clevis             |
| 27   |             | 2    | Driveshaft ASM ●       |
| 28   | 80-6990     | 4    | Washer-Hardened        |

● Not serviced separately

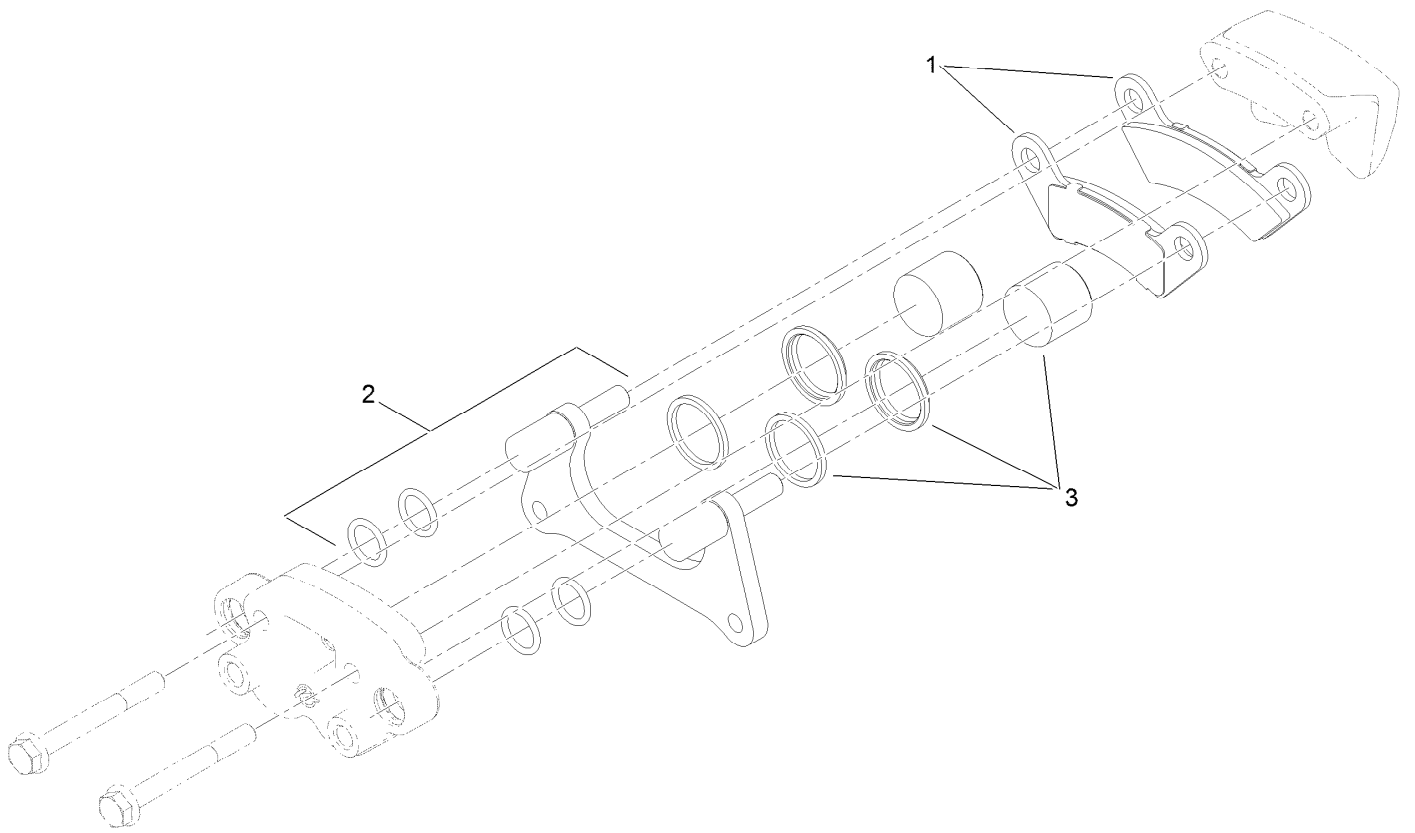


## Rear Axle Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 29   | 98-2939     | 4    | Screw-Cap   |
| 30   | 104-8301    | 4    | Nut-HF, NI  |

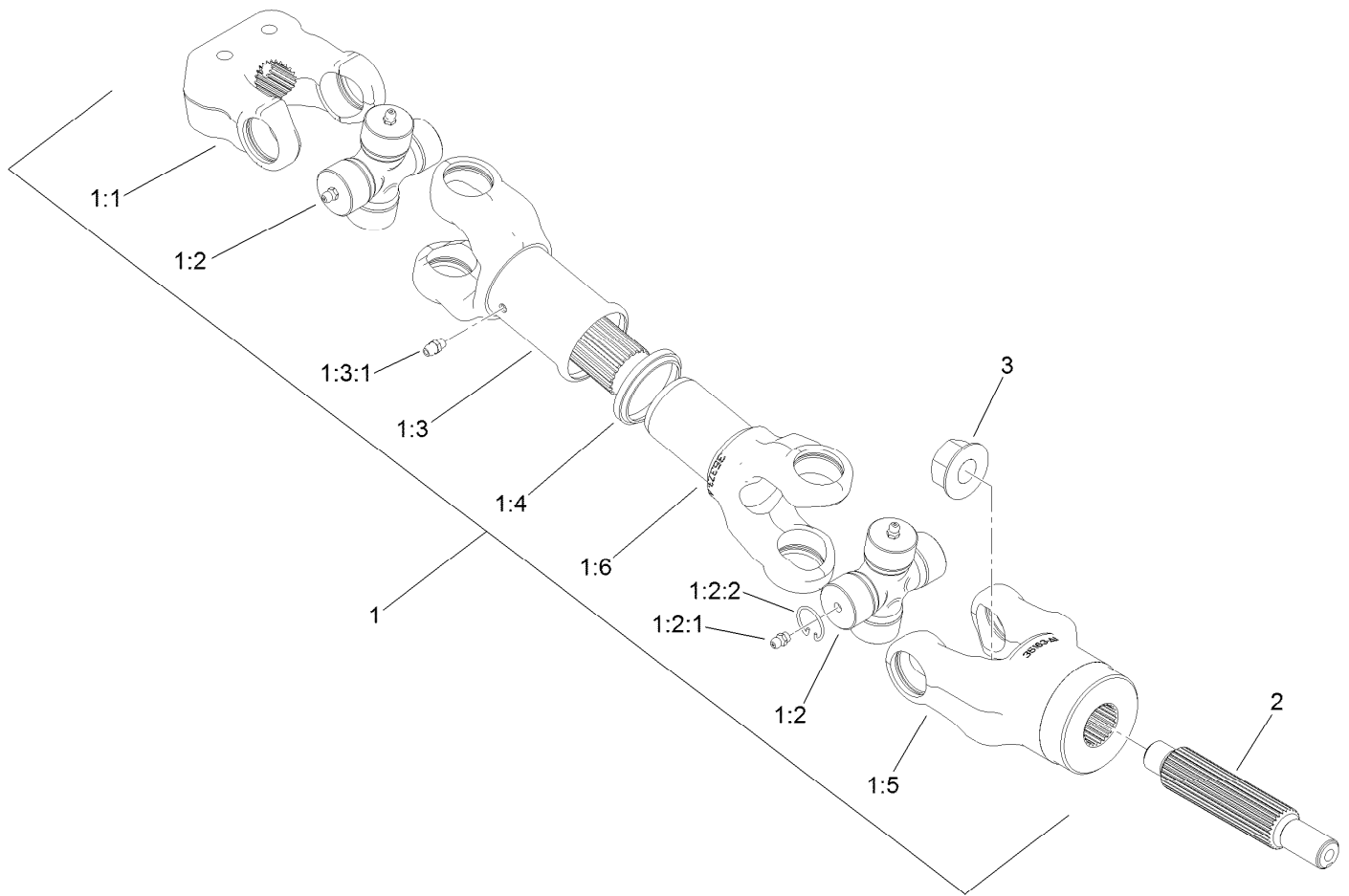
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 31   | 115-2164    | 2    | Nut-Spindle          |
| 34   | 104-6415    | 2    | Spring-Return, Pedal |

● Not serviced separately



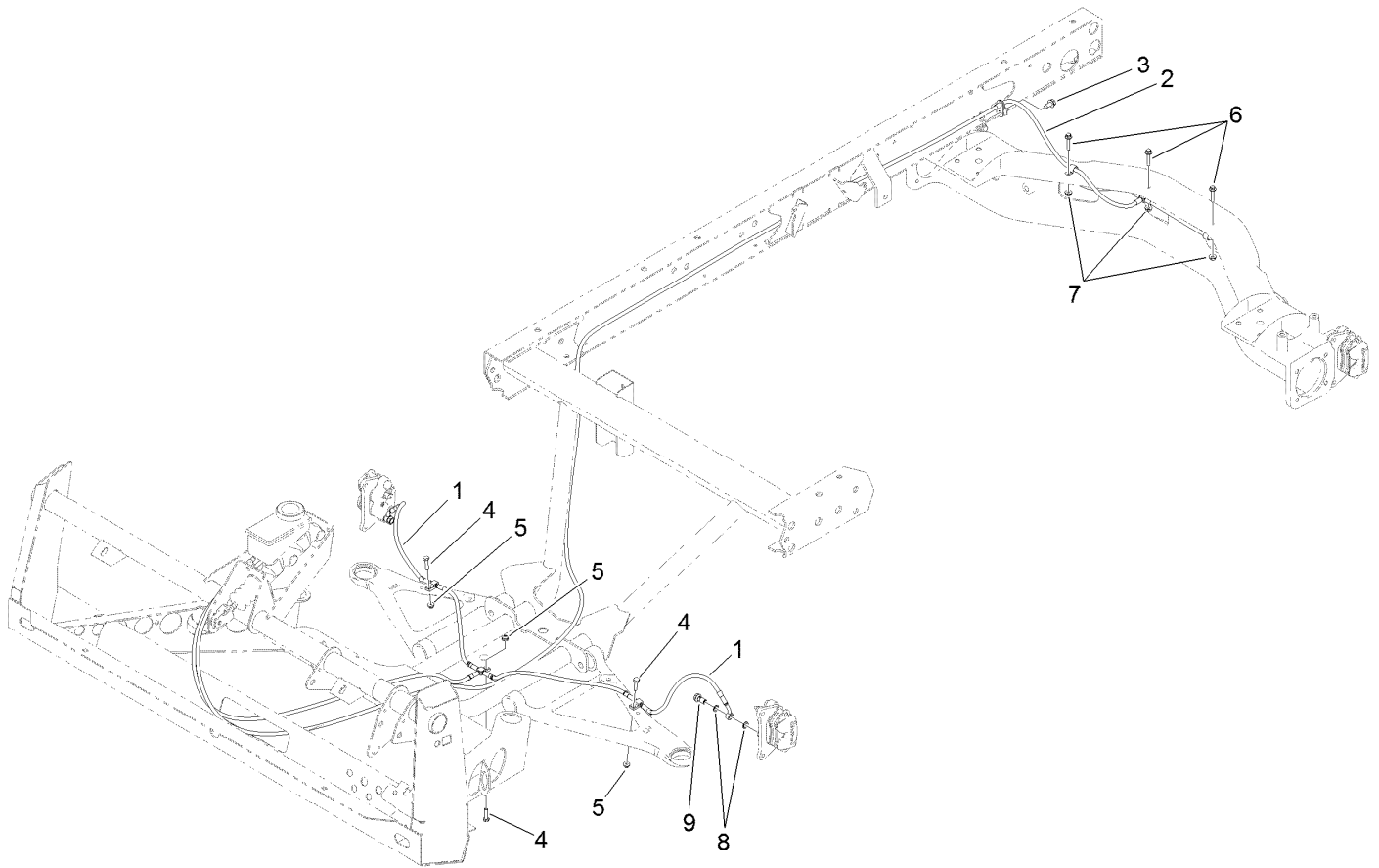
## Brake Caliper Assembly No. 127-7424

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 119-9510           | 1           | Pads-Brake         |
| 2           | 119-9511           | 1           | Bracket Kit        |
| 3           | 133-0614           | 1           | Piston Kit         |



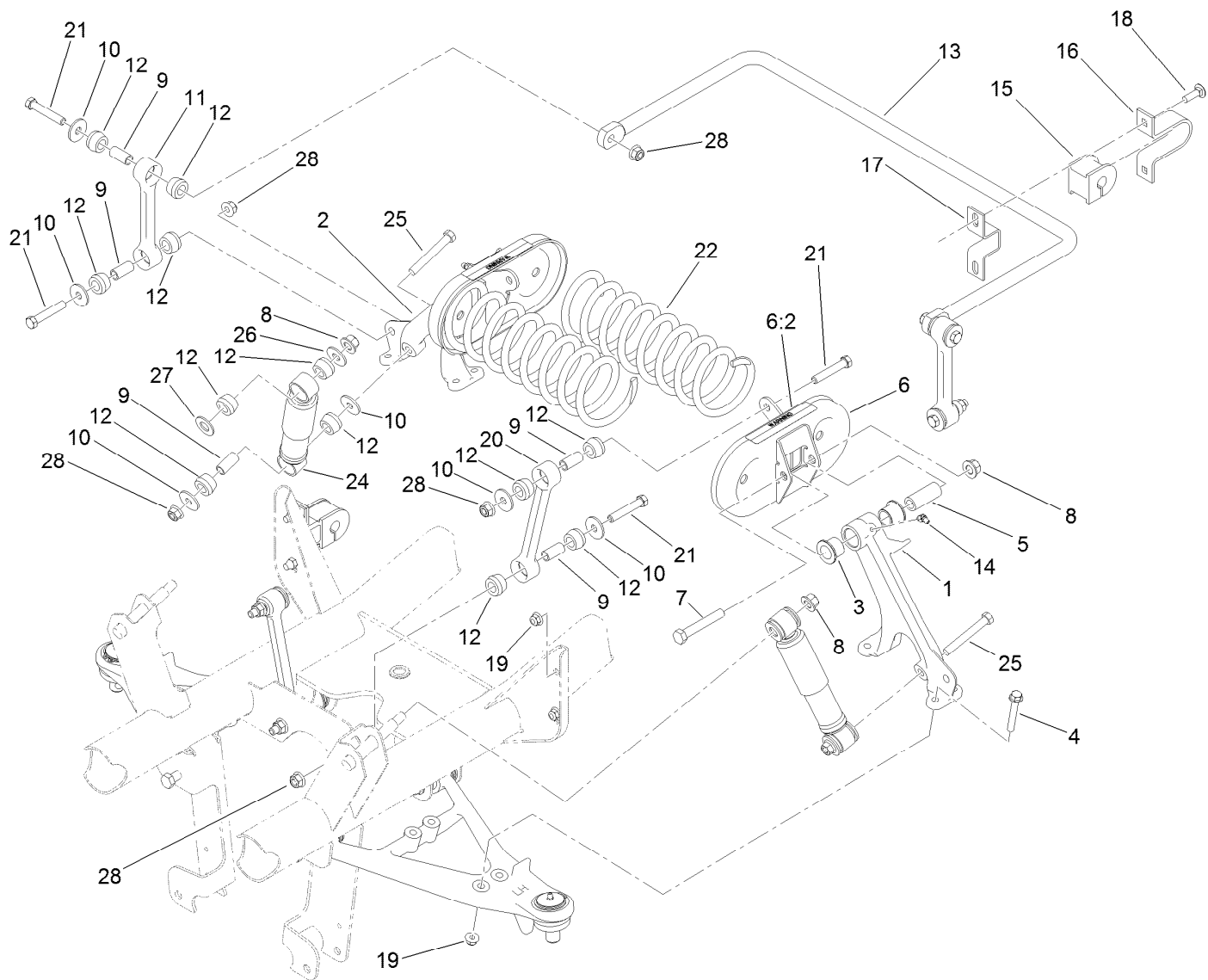
## Driveshaft Assembly

| Ref.  | Part Number | Qty. | Description               |
|-------|-------------|------|---------------------------|
| 1     | 114-8367    | 1    | Driveshaft ASM            |
| 1:1   | 98-2940     | 1    | Yoke                      |
| 1:2   | 92-4187     | 2    | Cross And Bearing Kit     |
| 1:2:1 | 302-58      | 4    | Fitting-Straight          |
| 1:2:2 | 92-4188     | 4    | Ring-Snap                 |
| 1:3   | 92-4179     | 1    | Yoke-Tube, Shaft And Seal |
| 1:3:1 | 302-5       | 1    | Fitting-Grease            |
| 1:4   | 92-4180     | 1    | Seal                      |
| 1:5   | 115-2351    | 1    | Yoke                      |
| 1:6   | 92-4182     | 1    | Yoke-Telescoping          |
| 2     | 115-7771    | 1    | Shaft-Splined             |
| 3     | 32128-53    | 1    | Nut-HF                    |



## Front and Rear Brake Line Assembly

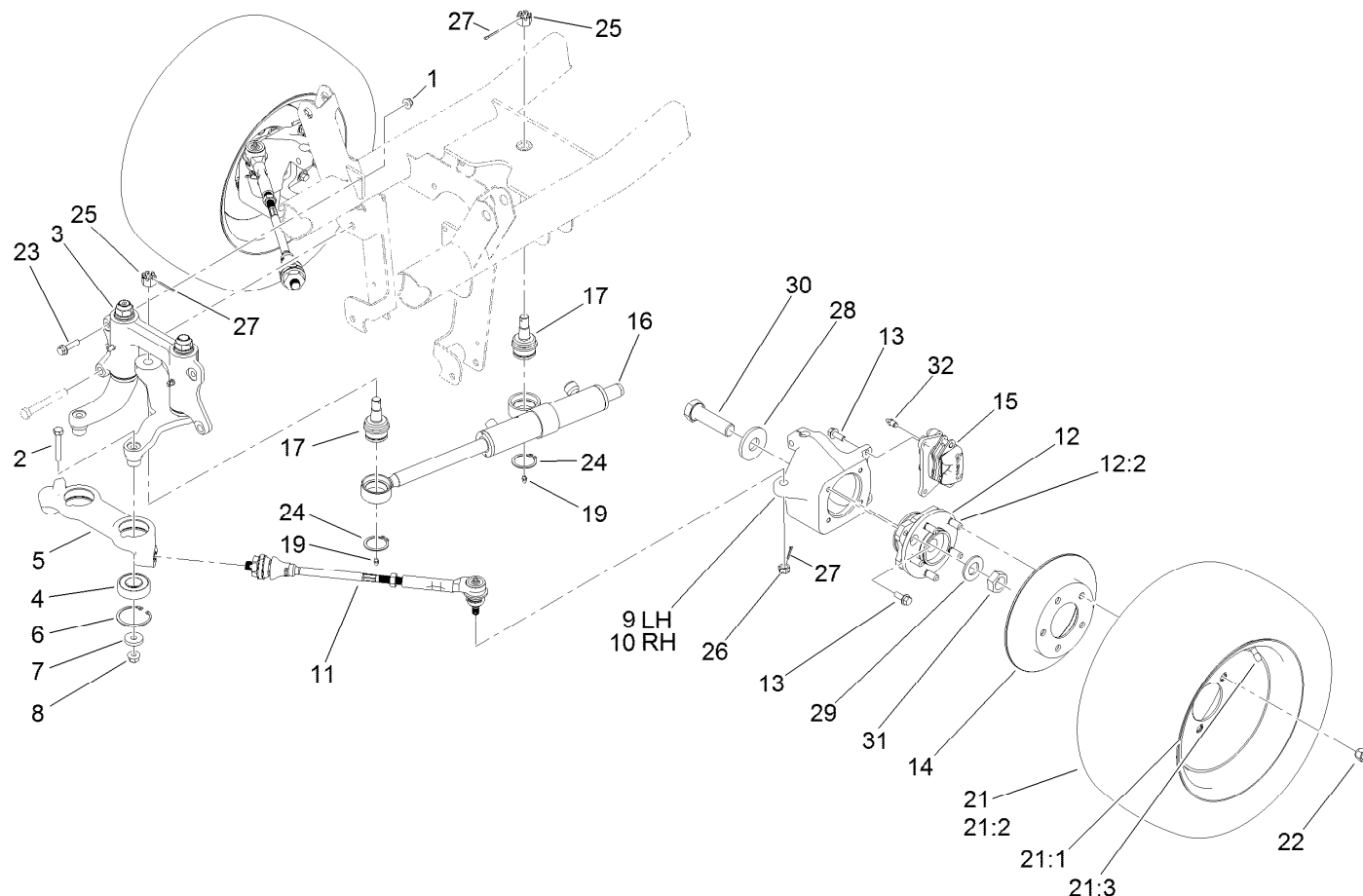
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 119-9682    | 1    | Front Brake Line ASM |
| 2    | 119-9681    | 1    | Rear Brake Line ASM  |
| 3    | 32144-70    | 1    | Screw-HWHTF          |
| 4    | 321-6       | 3    | Screw-HH             |
| 5    | 104-7201    | 3    | Nut-HF               |
| 6    | 3234-21     | 3    | Screw-HHF            |
| 7    | 32128-33    | 3    | Nut-HF               |
| 8    | 115-2341    | 8    | Washer-Banjo         |
| 9    | 120-4875    | 4    | Bolt-Flange, Banjo   |



## Front Suspension Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 87-0160     | 1    | Tower-Control Arm, LH  |
| 2    | 87-0150     | 1    | Tower-Control Arm, RH  |
| 3    | 33-3090     | 4    | Bushing                |
| 4    | 3234-39     | 8    | Screw-HHF              |
| 5    | 87-2500     | 2    | Sleeve-Spring, Pivot   |
| 6    | 105-7958    | 2    | Spring Cradle ASM      |
| 6:2  | 93-9879     | 1    | Decal-Warning          |
| 7    | 325-13      | 2    | Screw-HH               |
| 8    | 99-5107     | 4    | Nut-Lock               |
| 9    | 87-3600     | 10   | Spacer-Absorber, Shock |
| 10   | 87-5330     | 12   | Washer                 |
| 11   | 119-6725    | 2    | Link, Anti-Sway Bar    |
| 12   | 87-3920     | 24   | Bushing                |
| 13   | 133-0633-03 | 1    | Bar-Anti-Sway, HD      |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 14   | 302-11      | 2    | Fitting-Lube, 45 DEG |
| 15   | 87-3910     | 2    | Bushing-Rubber       |
| 16   | 87-4010-03  | 2    | Clamp-Bar, Sway      |
| 17   | 87-3890-03  | 2    | Bracket-Bar, Sway    |
| 18   | 3231-25     | 4    | Bolt-CARR            |
| 19   | 104-8301    | 12   | Nut-HF, NI           |
| 20   | 119-6724    | 2    | Link-Stabilizer      |
| 21   | 324-10      | 8    | Screw-HH             |
| 22   | 105-4183-01 | 2    | Spring-Compression   |
| 24   | 121-9774    | 2    | Absorber-Shock       |
| 25   | 324-13      | 2    | Screw-HH             |
| 26   | 3256-6      | 2    | Washer-Flat          |
| 27   | 3256-27     | 2    | Washer-Flat          |
| 28   | 114-8417    | 10   | Nut-HF, NI           |

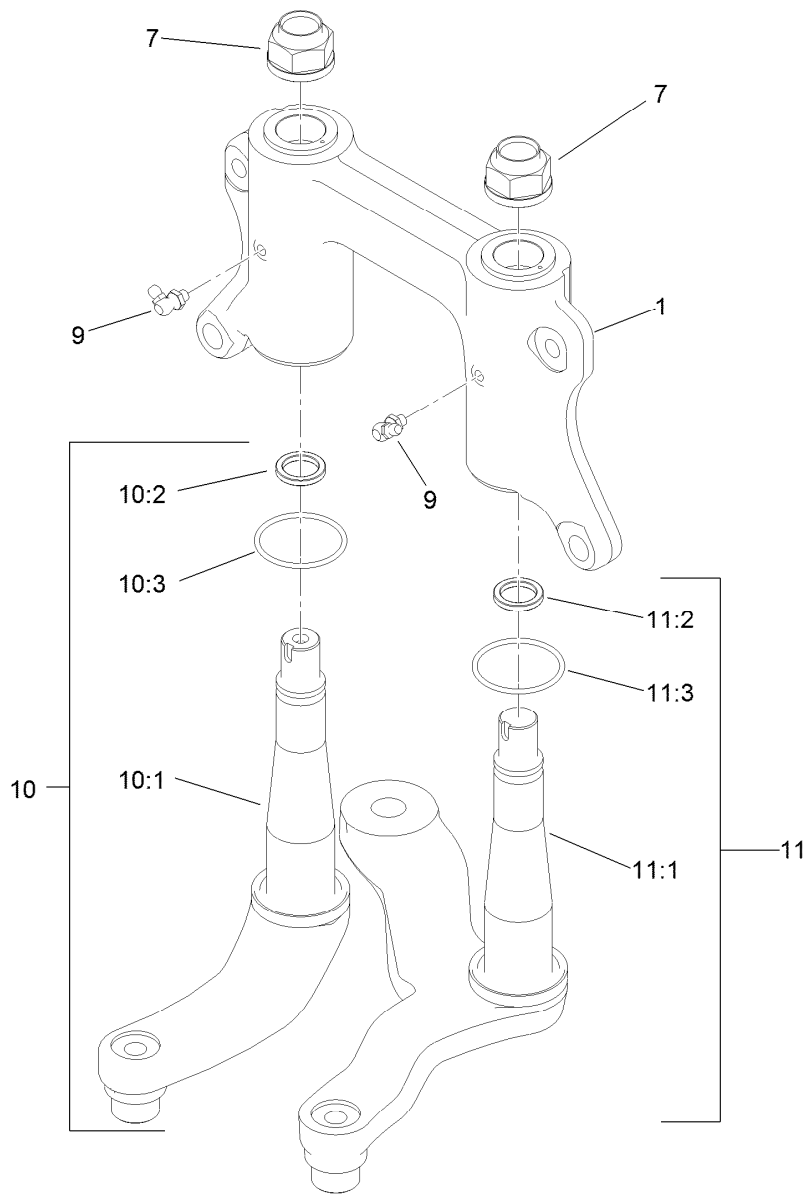


## Steering and Front Wheel Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 104-8301    | 2    | Nut-HF, NI             |
| 2    | 324-10      | 2    | Screw-HH               |
| 3    |             | 1    | Steering Linkage ASM ● |
| 4    | 119-9548    | 2    | Bearing-Ball           |
| 5    | 114-8296    | 1    | Link-Center            |
| 6    | 32120-22    | 2    | Ring-Snap, Internal    |
| 7    | 112843      | 2    | Washer                 |
| 8    | 114-8417    | 2    | Nut-HF, NI             |
| 9    | 119-9513    | 1    | Knuckle-LH             |
| 10   | 119-9514    | 1    | Knuckle-RH             |
| 11   | 114-8356    | 2    | Tie Rod ASM            |
| 12   | 121-9751    | 2    | Hub-Bearing, Wheel     |
| 12:2 | 121-9752    | 5    | Stud-Wheel             |
| 13   | 3234-11     | 12   | Screw-HHF              |
| 14   | 114-8351    | 2    | Rotor-Brake            |
| 15   | 127-7424    | 2    | Brake Caliper ASM      |
| 16   | 112-3217    | 1    | HYD Cylinder ASM       |

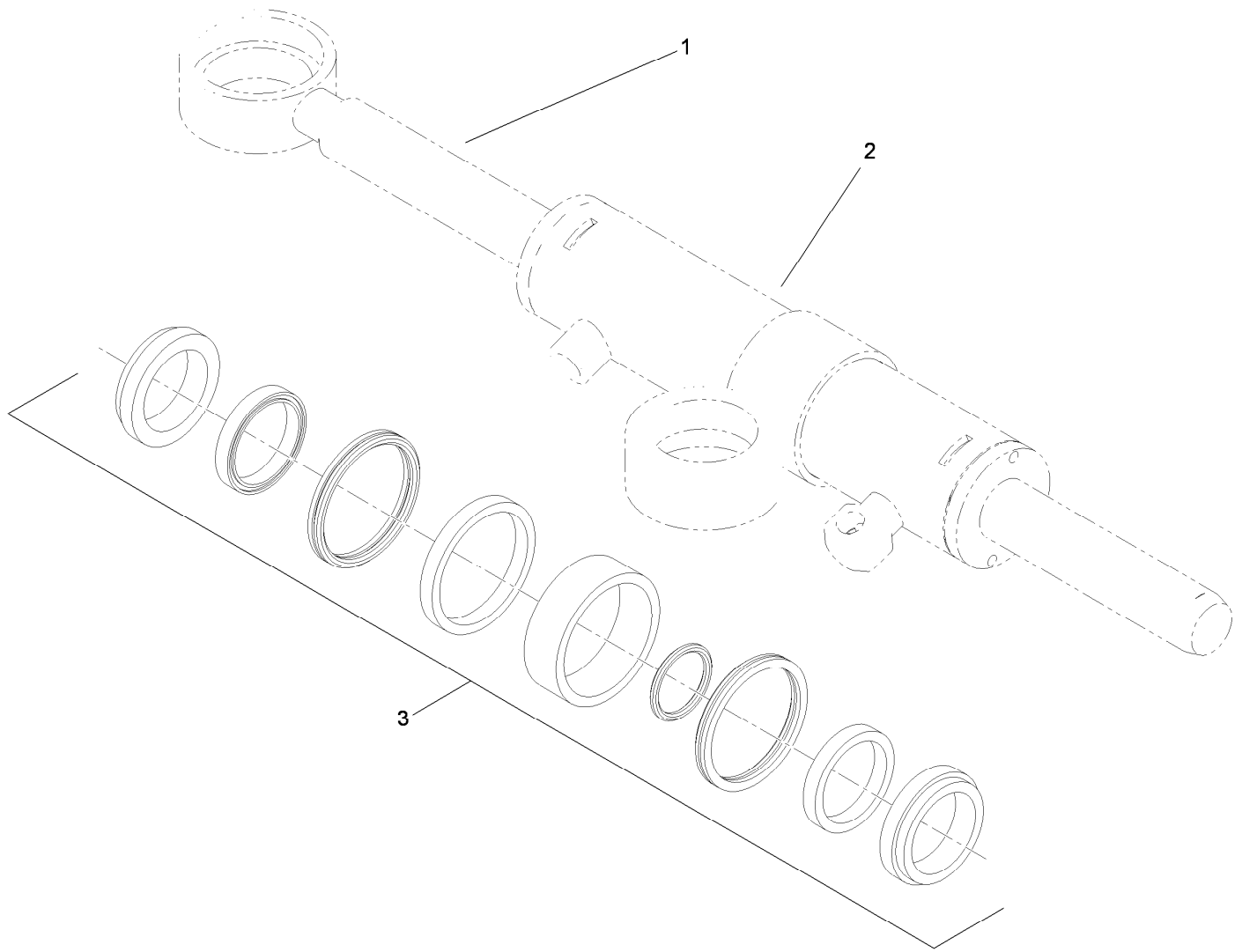
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 17   | 106-6774    | 2    | Joint-Ball               |
| 19   | 302-5       | 2    | Fitting-Grease           |
| 21   | 131-8430    | 2    | Tire/Wheel ASM           |
| 21:1 | 131-8431    | 1    | Wheel                    |
| 21:2 | 131-6670    | 1    | Tire                     |
| 21:3 | 232-27      | 1    | Stem-Valve               |
| 22   | 242-50      | 10   | Nut-Lug                  |
| 23   | 114-4681    | 2    | Screw-HHF                |
| 24   | 32151-104   | 2    | Ring-Retaining, External |
| 25   | 32136-14    | 2    | Nut-Hst                  |
| 26   | 32136-3     | 2    | Nut-SHH                  |
| 27   | 3272-12     | 4    | Pin-Cotter               |
| 28   | 104-0719    | 2    | Washer-Hardened          |
| 29   | 3256-62     | 2    | Washer-Flat              |
| 30   | 115-2173    | 2    | Screw-HH                 |
| 31   | 3296-49     | 2    | Nut-Lock, NI             |
| 32   | 119-9509    | 2    | Screw-Bleed              |

● Not serviced separately



## Steering Linkage Assembly

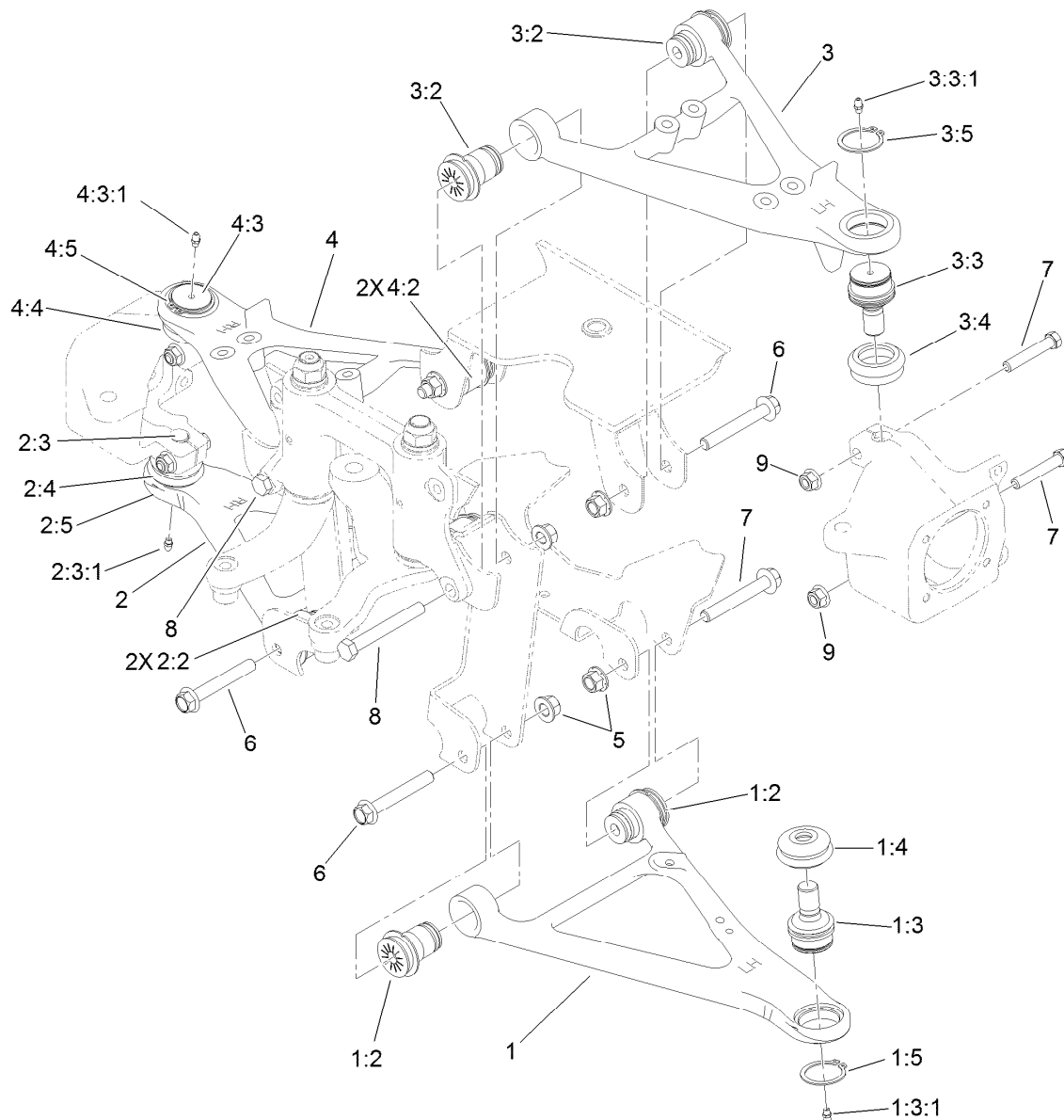
| Ref. | Part Number | Qty. | Description                      |
|------|-------------|------|----------------------------------|
| 1    | 132-6767    | 1    | Mount-Pivot, W/Bushings          |
| 7    | 115-2164    | 2    | Nut-Spindle                      |
| 9    | 302-60      | 2    | Fitting-Grease                   |
| 10   | 132-0794    | 1    | Idler Arm ASM                    |
| 10:1 | 132-0792    | 1    | Idler Arm And Thrust Washer ASM  |
| 10:2 | 93-7510     | 1    | Ring-Quad                        |
| 10:3 | 131-3499    | 1    | O-Ring                           |
| 11   | 132-0795    | 1    | Pitman Arm ASM                   |
| 11:1 | 132-0793    | 1    | Pitman Arm And Thrust Washer ASM |
| 11:2 | 93-7510     | 1    | Ring-Quad                        |
| 11:3 | 131-3499    | 1    | O-Ring                           |



## Hydraulic Cylinder Assembly No. 112-3217

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|---------------------|
| 1           |                    | 1           | Rod-Cylinder ●      |
| 2           |                    | 1           | Body-Cylinder ●     |
| 3           | 115-2160           | 1           | Cylinder Repair Kit |

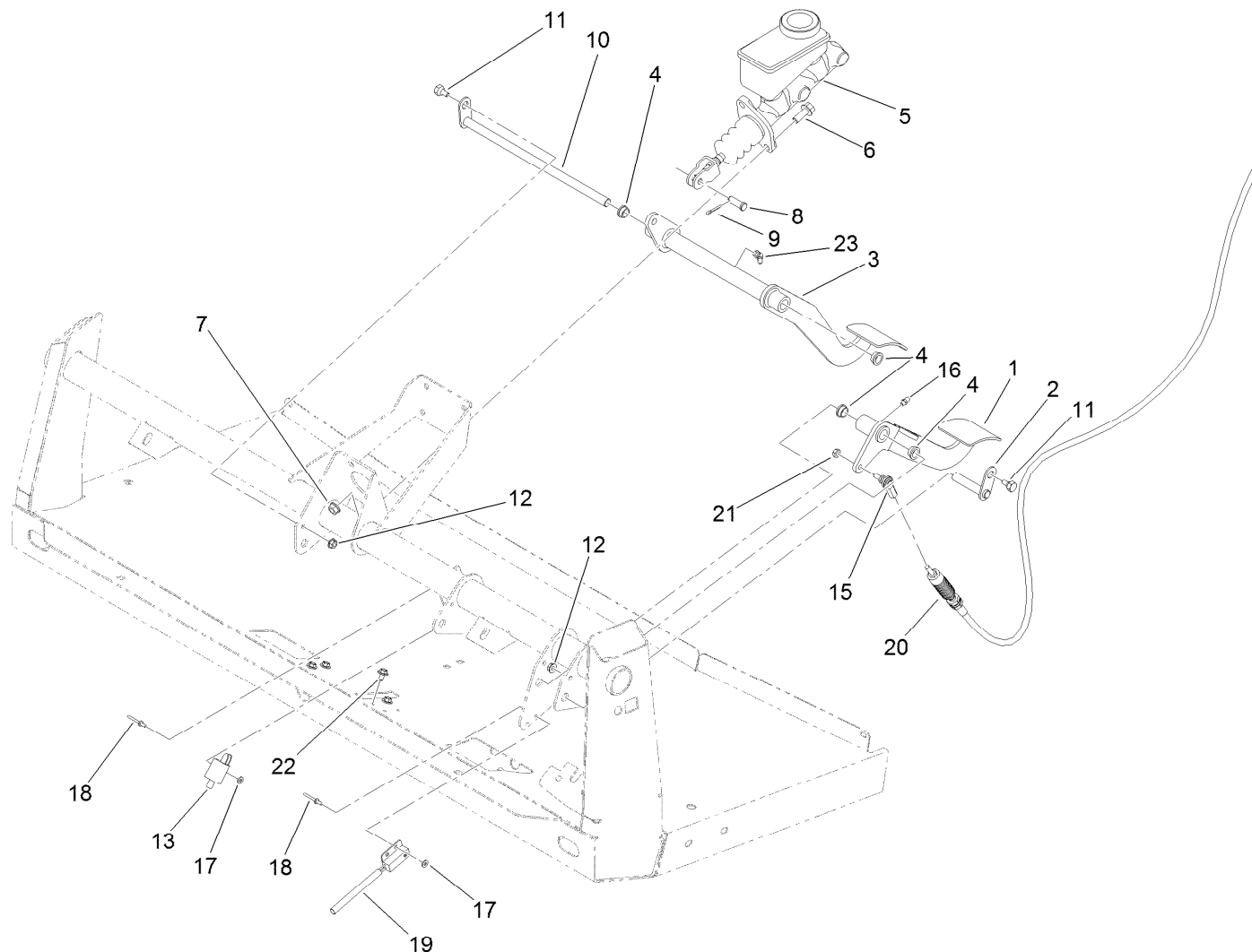
● Not serviced separately



## Front Control Arm Assembly

| Ref.  | Part Number | Qty. | Description              |
|-------|-------------|------|--------------------------|
| 1     | 115-2405    | 1    | Lower LH Control Arm ASM |
| 1:2   | 87-1450     | 2    | Bushing-Flange           |
| 1:3   | 115-2165    | 1    | Ball Joint               |
| 1:3:1 | 302-5       | 1    | Fitting-Grease           |
| 1:4   | 87-2420     | 1    | Seal-Joint, Ball         |
| 1:5   | 32151-104   | 1    | Ring-Retaining, External |
| 2     | 115-2407    | 1    | Lower RH Control Arm ASM |
| 2:2   | 87-1450     | 2    | Bushing-Flange           |
| 2:3   | 115-2165    | 1    | Ball Joint               |
| 2:3:1 | 302-5       | 1    | Fitting-Grease           |
| 2:4   | 87-2420     | 1    | Seal-Joint, Ball         |
| 2:5   | 32151-104   | 1    | Ring-Retaining, External |
| 3     | 115-2404    | 1    | Upper LH Control Arm ASM |
| 3:2   | 87-1450     | 2    | Bushing-Flange           |
| 3:3   | 115-2165    | 1    | Ball Joint               |

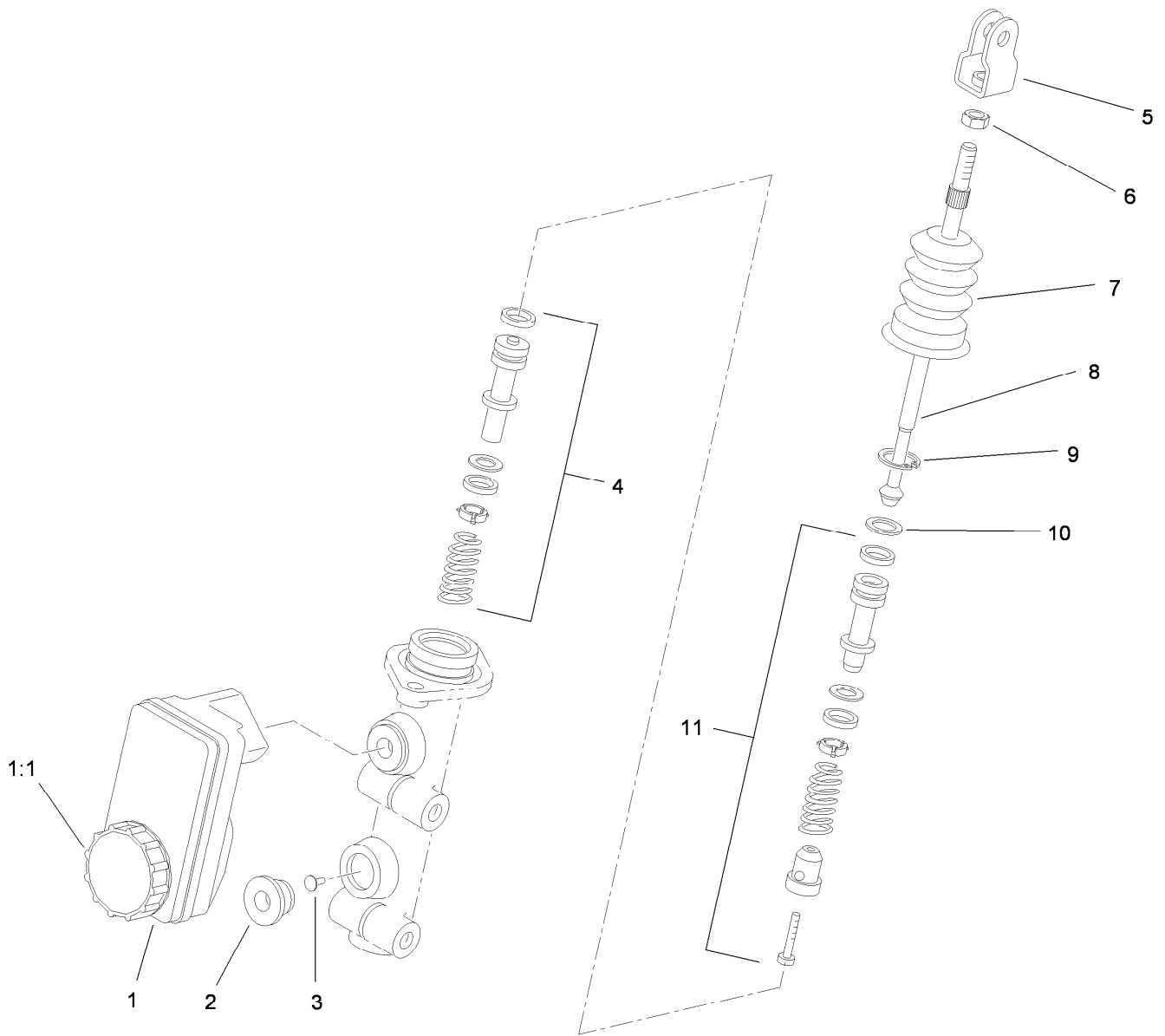
| Ref.  | Part Number | Qty. | Description              |
|-------|-------------|------|--------------------------|
| 3:3:1 | 302-5       | 1    | Fitting-Grease           |
| 3:4   | 87-2420     | 1    | Seal-Joint, Ball         |
| 3:5   | 32151-104   | 1    | Ring-Retaining, External |
| 4     | 115-2406    | 1    | Upper RH Control Arm ASM |
| 4:2   | 87-1450     | 2    | Bushing-Flange           |
| 4:3   | 115-2165    | 1    | Ball Joint               |
| 4:3:1 | 302-5       | 1    | Fitting-Grease           |
| 4:4   | 87-2420     | 1    | Seal-Joint, Ball         |
| 4:5   | 32151-104   | 1    | Ring-Retaining, External |
| 5     | 99-5107     | 8    | Nut-Lock                 |
| 6     | 114-8419    | 6    | Screw-HHF                |
| 7     | 324-10      | 4    | Screw-HH                 |
| 8     | 325-17      | 2    | Screw-HH                 |
| 9     | 114-8417    | 4    | Nut-HF, NI               |



## Brake and Clutch Pedal Assembly

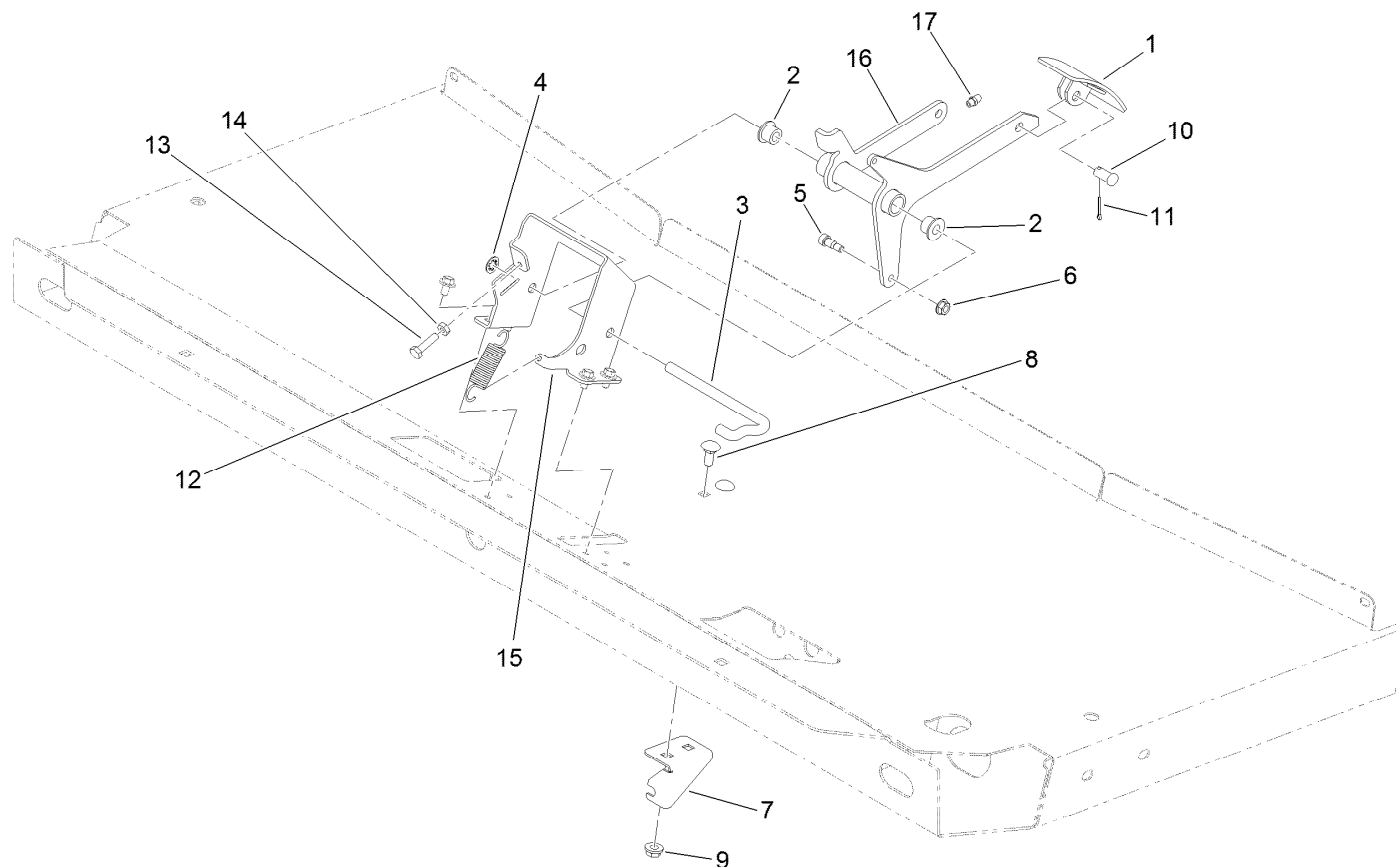
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 127-7357-03 | 1    | Pedal-Clutch        |
| 2    | 115-2269    | 1    | Pin-Pivot           |
| 3    | 120-5023-03 | 1    | Pedal-Brake         |
| 4    | 256-156     | 4    | Bushing-Flange      |
| 5    | 104-6782    | 1    | Master Cylinder ASM |
| 6    | 3234-11     | 2    | Screw-HHF           |
| 7    | 3290-357    | 2    | Nut-HHF, Whiz       |
| 8    | 283-2       | 1    | Pin-Clevis          |
| 9    | 3272-10     | 1    | Pin-Cotter          |
| 10   | 137-6729    | 1    | Shaft-Brake         |
| 11   | 63-3410     | 2    | Screw-Shoulder      |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 12   | 32128-33    | 2    | Nut-HF              |
| 13   | 95-1653     | 1    | Switch-Pole, Single |
| 15   | 110-2554    | 1    | Rod End-Spherical   |
| 16   | 302-5       | 1    | Fitting-Grease      |
| 17   | 3256-21     | 4    | Washer-Flat         |
| 18   | 3269-25     | 4    | Rivet-Pop           |
| 19   | 105-0023    | 1    | Switch-Proximity    |
| 20   | 115-2284    | 1    | Cable-Clutch        |
| 21   | 3296-13     | 1    | Nut-Lock, NI        |
| 22   | 46-6811     | 4    | Screw-HWH           |
| 23   | 302-60      | 1    | Fitting-Grease      |



## Master Cylinder Assembly No. 104-6782

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 104-6845    | 1    | Reservoir ASM        |
| 1:1  | 92-4112     | 1    | Cap ASM              |
| 2    | 93-8971     | 2    | Seal-Port, Flange    |
| 3    | 92-4103     | 1    | Pin-Stop             |
| 4    | 92-4102     | 1    | Secondary Piston ASM |
| 5    | 92-4110     | 1    | Clevis               |
| 6    | 21-0360     | 1    | Nut-Hex              |
| 7    | 94-5209     | 1    | Cover-Dust           |
| 8    | 94-5210     | 1    | Rod-Push             |
| 9    | 92-4109     | 1    | Ring-Snap            |
| 10   | 92-4108     | 1    | Retainer-Washer      |
| 11   | 92-4101     | 1    | Primary Piston ASM   |



## Accelerator Pedal Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 93-8969-03  | 1    | Pedal                    |
| 2    | 256-259     | 2    | Bushing-Flange           |
| 3    | 87-2880     | 1    | Shaft-Pedal, Accelerator |
| 4    | 32151-56    | 1    | Ring-Retaining, External |
| 5    | 119-4881    | 1    | Bolt-Shoulder            |
| 6    | 32128-33    | 1    | Nut-HF                   |
| 7    | 120-4982    | 1    | Bracket-Mount, Cable     |
| 8    | 3230-1      | 2    | Bolt-CARR                |
| 9    | 32128-20    | 2    | Nut-HF                   |

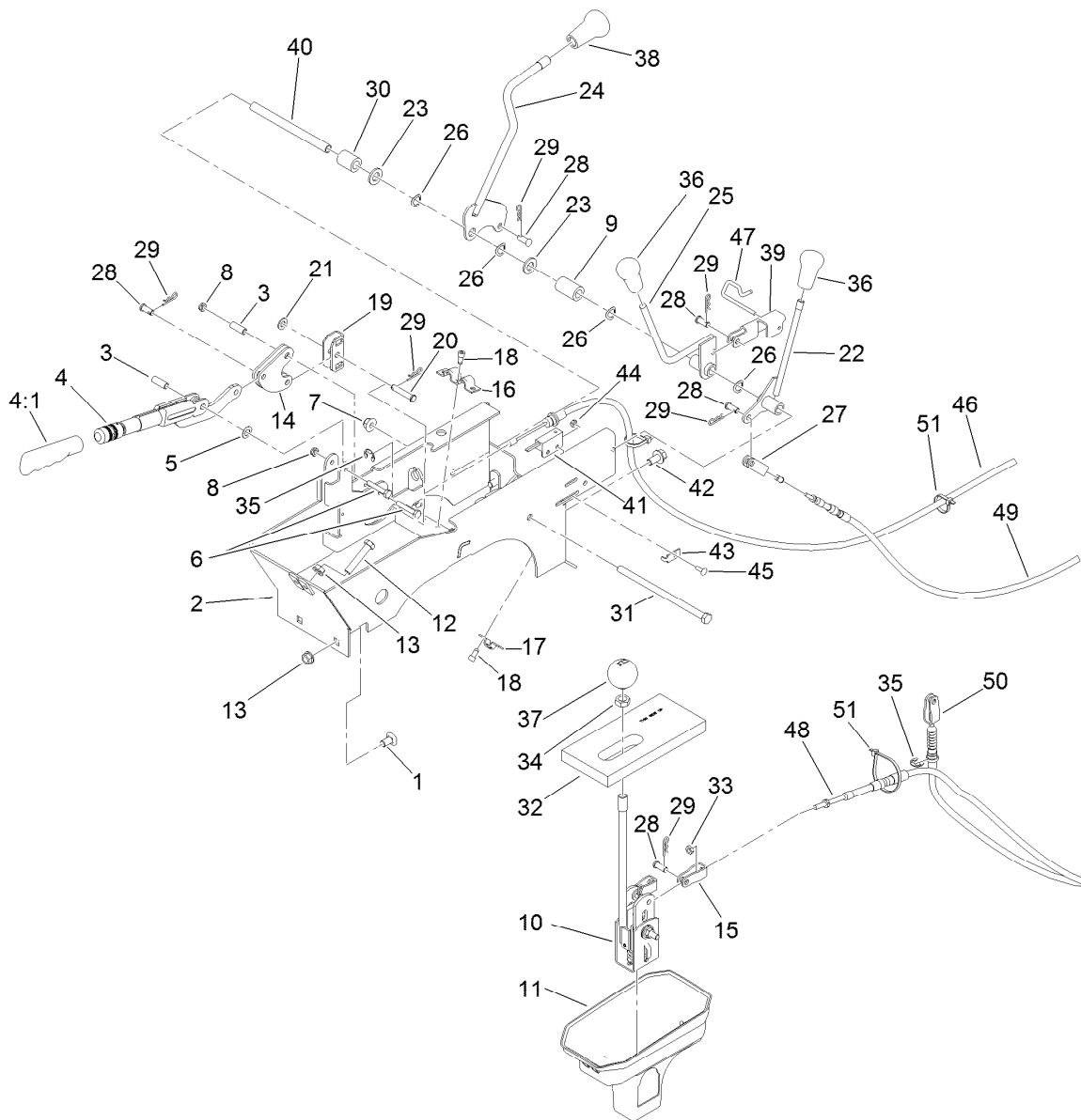
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 283-85      | 1    | Pin-Clevis           |
| 11   | 3272-6      | 1    | Pin-Cotter           |
| 12   | 67-1450     | 1    | Spring-Idler         |
| 13   | 321-6       | 1    | Screw-HH             |
| 14   | 3218-1      | 1    | Nut-Jam              |
| 15   | 127-8625-03 | 1    | Bracket-Mount, Pedal |
| 16   | 120-4983-03 | 1    | Pedal-Accelerator    |
| 17   | 302-5       | 1    | Fitting-Grease       |



## Console Assembly

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 3231-21     | 2    | Screw-CARR                |
| 2    | 108-6914-03 | 1    | Support-Lever             |
| 3    | 114402      | 2    | Spacer                    |
| 4    | 127-8863    | 1    | Lever-Brake, Park         |
| 4:1  | 127-8864    | 1    | Grip-Handle               |
| 5    | 3290-477    | 1    | Washer-Curved             |
| 6    | 321-9       | 2    | Screw-HH                  |
| 7    | 104-8301    | 1    | Nut-HF, NI                |
| 8    | 3296-56     | 2    | Nut-Lock, NI              |
| 9    | 120-5037    | 1    | Spacer                    |
| 10   | 106-7887    | 1    | Shift ASM                 |
| 11   | 106-2376    | 1    | Boot-Shift, Lower         |
| 12   | 323-10      | 2    | Screw-HH                  |
| 13   | 3290-357    | 4    | Nut-HHF, Whiz             |
| 14   | 106-7814    | 2    | Bellcrank                 |
| 15   | 87-2310     | 2    | Clevis-Cable              |
| 16   | 87-4960     | 1    | Clamp-Cable               |
| 17   | 87-4340     | 1    | Clamp-Cable               |
| 18   | 65-5220     | 5    | Screw-HSH, Thread Forming |
| 19   | 87-3480     | 1    | Bracket-Equalizer, Cable  |

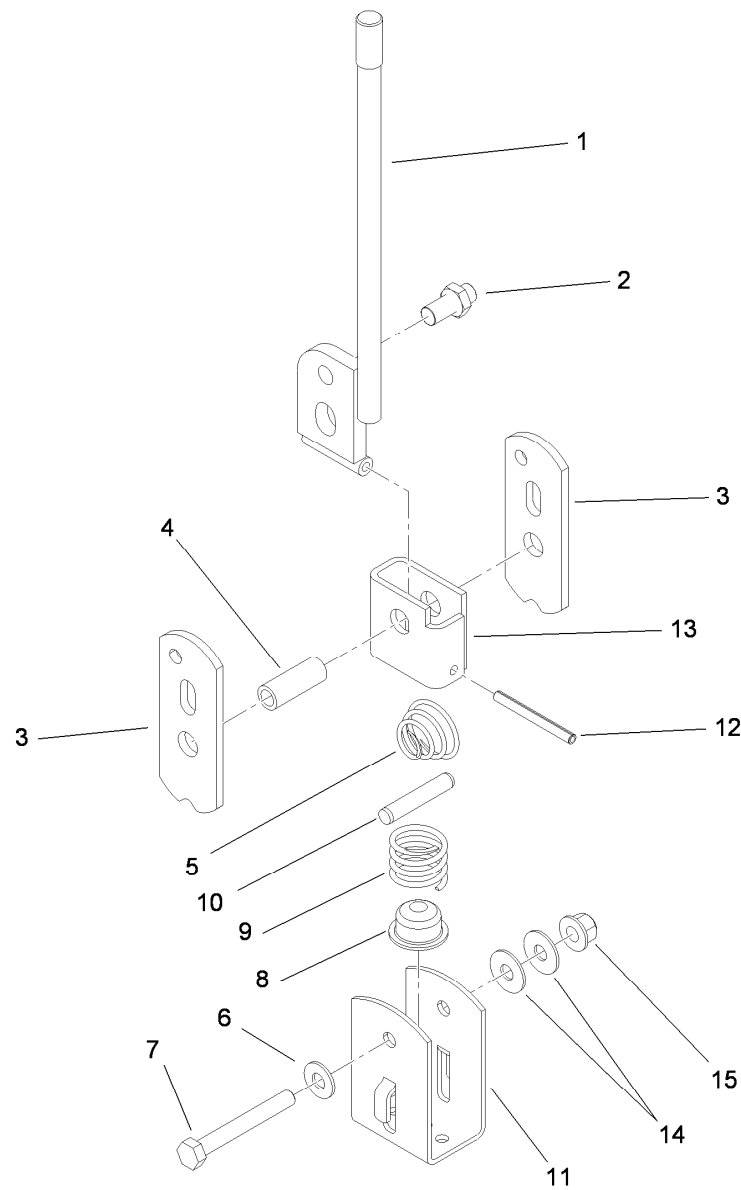
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 20   | 94-3829     | 1    | Pin-Clevis               |
| 21   | 3256-23     | 1    | Washer-Plain             |
| 22   | 106-7828    | 1    | Lever                    |
| 23   | 33096-00    | 2    | Washer-Flat              |
| 24   | 131-3479    | 1    | Lever-Lock, Differential |
| 25   | 106-7960    | 1    | Lever-HYD                |
| 26   | 3290-221    | 4    | Washer-Spring            |
| 27   | 87-7160     | 1    | Clevis-Cable             |
| 28   | 283-62      | 6    | Pin-Clevis               |
| 29   | 3290-307    | 7    | Pin-Cotter               |
| 30   | 66-6501     | 1    | Spacer-Wheel             |
| 31   | 323-36      | 1    | Screw-HH                 |
| 32   | 87-6570     | 1    | Seal-Boot, Lower         |
| 33   | 3220-1      | 2    | Nut-Jam                  |
| 34   | 3218-18     | 1    | Nut-Jam                  |
| 35   | 32120-47    | 3    | Ring-Retaining, External |
| 36   | 106-7903    | 2    | Knob-Control             |
| 37   | 87-6720     | 1    | Knob-Shift               |
| 38   | 106-7952    | 1    | Knob                     |
| 39   | 115-2250    | 1    | Link                     |
| 40   | 106-7833    | 1    | Spacer                   |



## Console Assembly (continued)

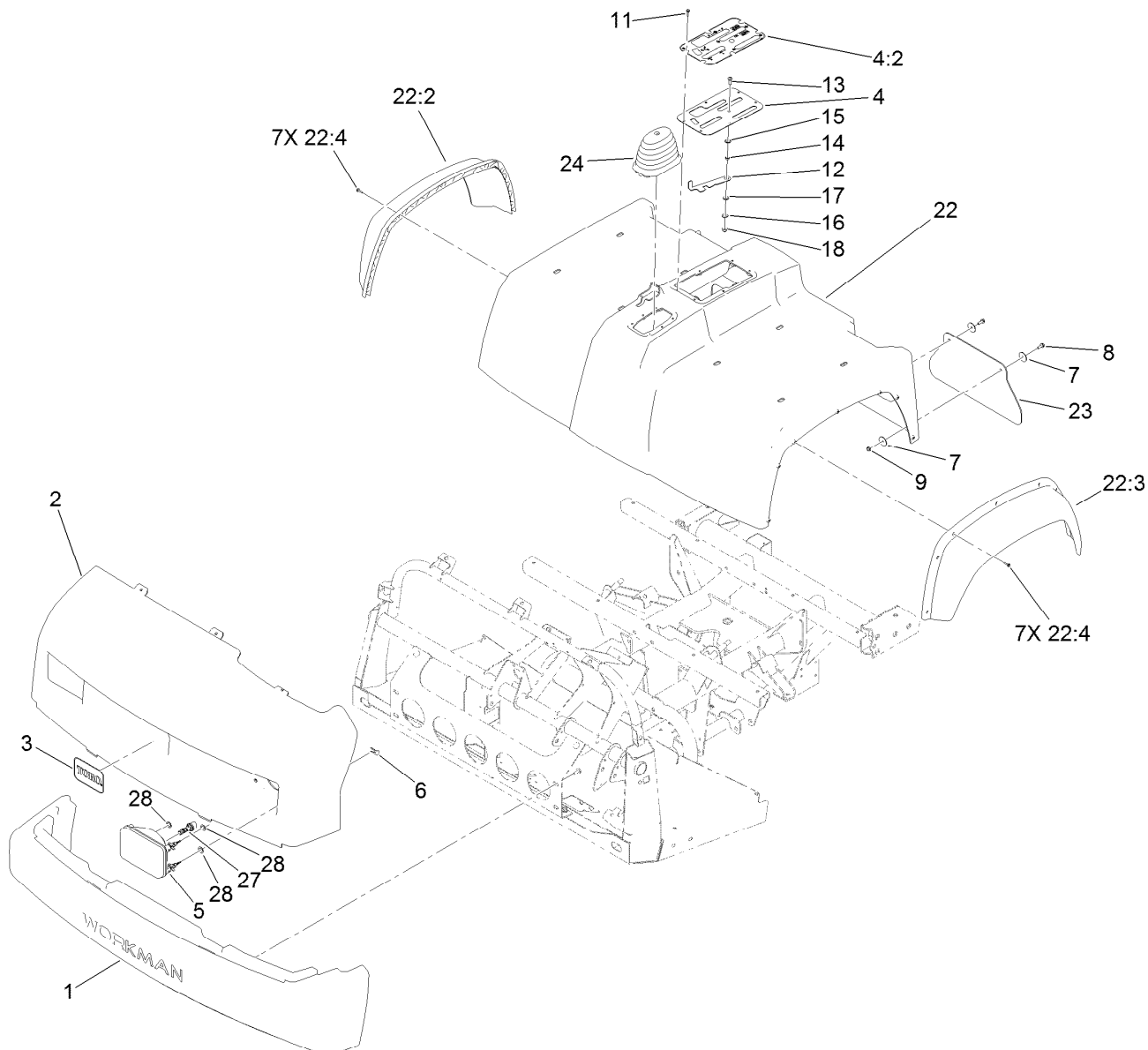
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 41   | 100-1270    | 1    | Switch-Proximity      |
| 42   | 3234-12     | 2    | Screw-HHF             |
| 43   | 100-4872    | 1    | Plate-Switch, Neutral |
| 44   | 3296-12     | 1    | Nut-Lock, NI          |
| 45   | 3229-34     | 1    | Screw-CARR            |
| 46   | 115-2283    | 2    | Cable-Brake, Park     |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 47   | 115-2350    | 1    | Pin-Retainer             |
| 48   | 115-7811    | 2    | Cable-Selector, Gear     |
| 49   | 115-7812    | 1    | Cable-Hi Low             |
| 50   | 115-2287    | 1    | Cable-Lock, Differential |
| 51   | 3290-379    | 5    | Tie-Cable                |



## Shift Assembly No. 106-7887

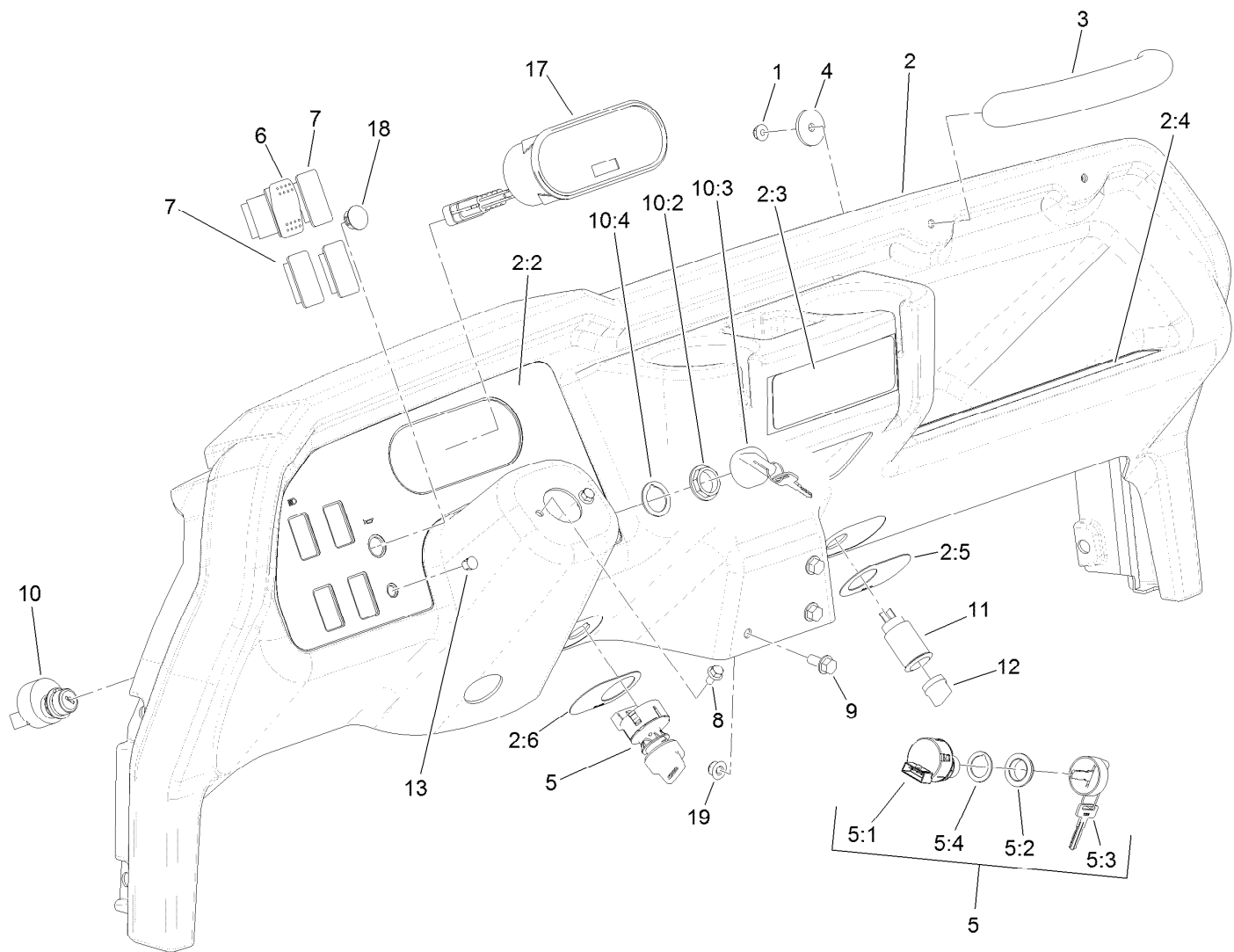
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 131-3469    | 1    | Lever-Shift        |
| 2    | 87-3650     | 1    | Pin-Shift          |
| 3    | 87-3540     | 2    | Link-Shift         |
| 4    | 87-2520     | 1    | Tube-Pivot         |
| 5    | 87-2900     | 1    | Spring-Compression |
| 6    | 87-8640     | 1    | Washer-Flat        |
| 7    | 322-12      | 1    | Screw-HH           |
| 8    | 87-3530     | 1    | Button-Shifter     |
| 9    | 87-3660     | 1    | Spring-Compression |
| 10   | 3290-507    | 1    | Pin-Dowel          |
| 11   | 87-3520     | 1    | Clevis             |
| 12   | 32121-48    | 1    | Pin-Spring         |
| 13   | 87-6040     | 1    | Bracket-Shifter    |
| 14   | 3290-456    | 2    | Washer-Belleville  |
| 15   | 104-8300    | 1    | Nut-HF, NI         |



## Bumper, Hood and Seat Base Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 112-3185    | 1    | Bumper                 |
| 2    | 132-6797    | 1    | Hood                   |
| 3    | 117-4950    | 1    | Decal                  |
| 4    | 106-7886    | 1    | Control Plate ASM      |
| 4:2  | 106-2377    | 1    | Decal-Console          |
| 5    | 136-6318    | 2    | Housing-Headlight, 12V |
| 6    | 114-8341    | 6    | Clip-Speed             |
| 7    | 3256-55     | 8    | Washer-Flat            |
| 8    | 3234-4      | 4    | Screw-HHF              |
| 9    | 104-7201    | 4    | Nut-HF                 |
| 11   | 98-1375     | 6    | Screw-HWH              |
| 12   | 106-7984    | 1    | Lever-Detent           |
| 13   | 3274-55     | 1    | Screw-HSBH             |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 14   | 82-4240     | 1    | Spacer-Bearing     |
| 15   | 94-8196     | 1    | Washer-Nylon       |
| 16   | 3290-221    | 1    | Washer-Spring      |
| 17   | 3256-23     | 1    | Washer-Plain       |
| 18   | 104-8300    | 1    | Nut-HF, NI         |
| 22   | 133-0566    | 1    | Seatbase ASM       |
| 22:2 | 114-8407    | 1    | Fender-Front, RH   |
| 22:3 | 114-8408    | 1    | Fender-Front, LH   |
| 22:4 | 117-5036    | 14   | Screw-Plastic, HWH |
| 23   | 106-2378    | 2    | Mudflap            |
| 24   | 117-8063    | 1    | Boot-Shift         |
| 27   | 133-0574    | 2    | Bulb-LED           |
| 28   | 112-6957    | 6    | Washer-Hardened    |

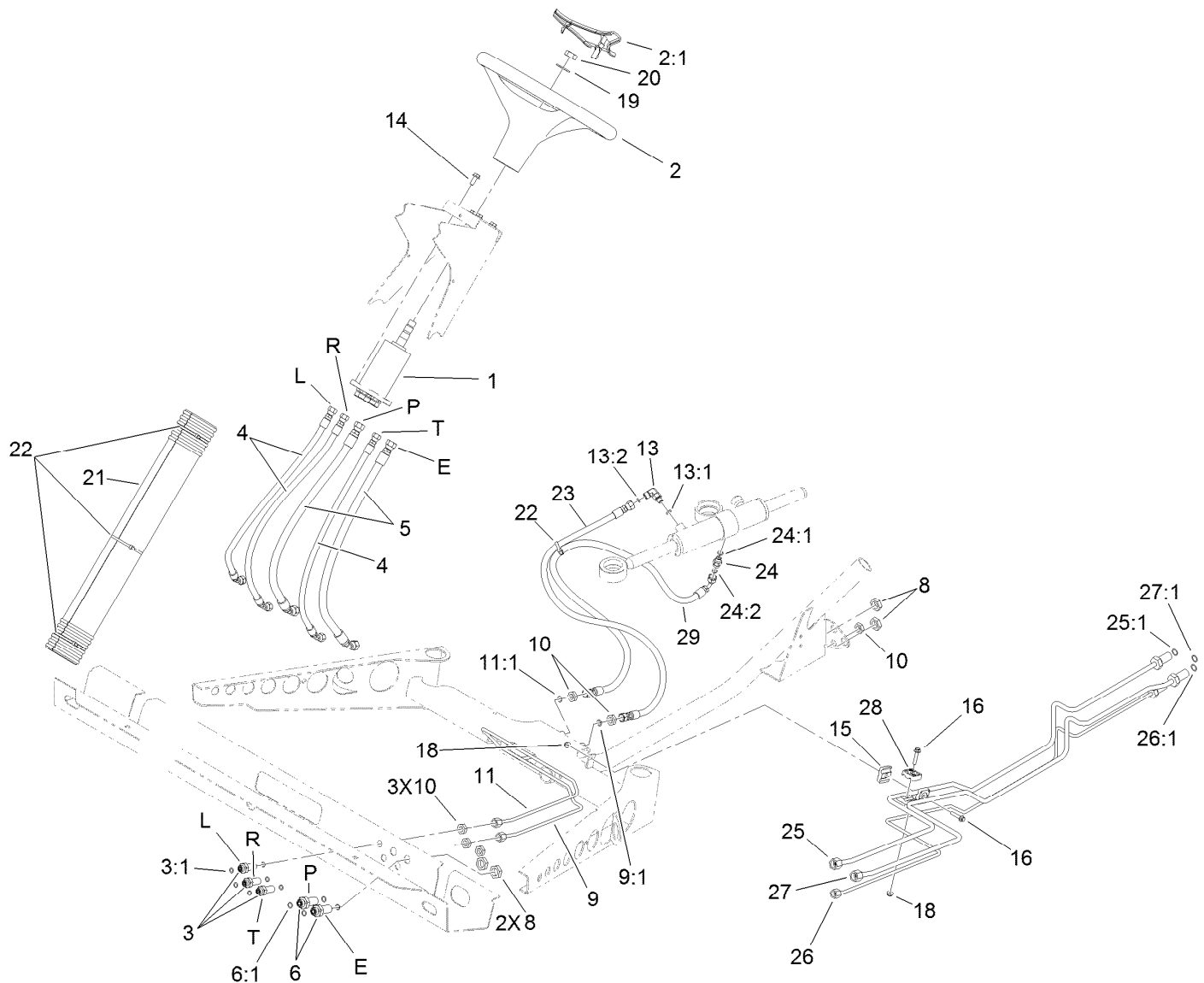


## Dash Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 104-7201    | 2    | Nut-HF                     |
| 2    | 115-7912    | 1    | Dash ASM                   |
| 2:2  | 138-3523    | 1    | Decal-Panel, Control       |
| 2:3  | 121-9776    | 1    | Decal-Danger, Vehicle (CE) |
| 2:4  | 115-2282    | 1    | Decal-Warning, Dash        |
| 2:5  | 106-2353    | 1    | Decal-Powerpoint           |
| 2:6  | 106-2355    | 1    | Decal-Switch, Supervisor   |
| 3    | 117-4948    | 1    | Handle-Grab                |
| 4    | 103995      | 2    | Washer                     |
| 5    | 110-2580    | 1    | Switch-Key, Supervisor     |
| 5:1  |             | 1    | Switch-Key ●               |
| 5:2  | 108-8660    | 1    | Nut-Mounting               |
| 5:3  | 110-5221    | 1    | Set-Key, Supervisor        |
| 5:4  | 108-8659    | 1    | Washer-Backup              |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 6    | 95-8999     | 1    | Switch              |
| 7    | 99-7420     | 3    | Plug-Hole           |
| 8    | 33103-012   | 2    | Screw-HHF           |
| 9    | 3234-5      | 3    | Screw-HHF           |
| 10   | 106-5269    | 1    | Ignition Switch ASM |
| 10:2 | 108-8660    | 1    | Nut-Mounting        |
| 10:3 | 106-5270    | 1    | Ignition Key Set    |
| 10:4 | 108-8659    | 1    | Washer-Backup       |
| 11   | 99-7411     | 1    | Point-Power         |
| 12   | 99-7416     | 1    | Cap                 |
| 13   | 104-9368    | 1    | Plug-Dome           |
| 17   | 138-3564    | 1    | Cluster-Instrument  |
| 18   | 94-5627     | 1    | Plug                |
| 19   | 104-8300    | 3    | Nut-HF, NI          |

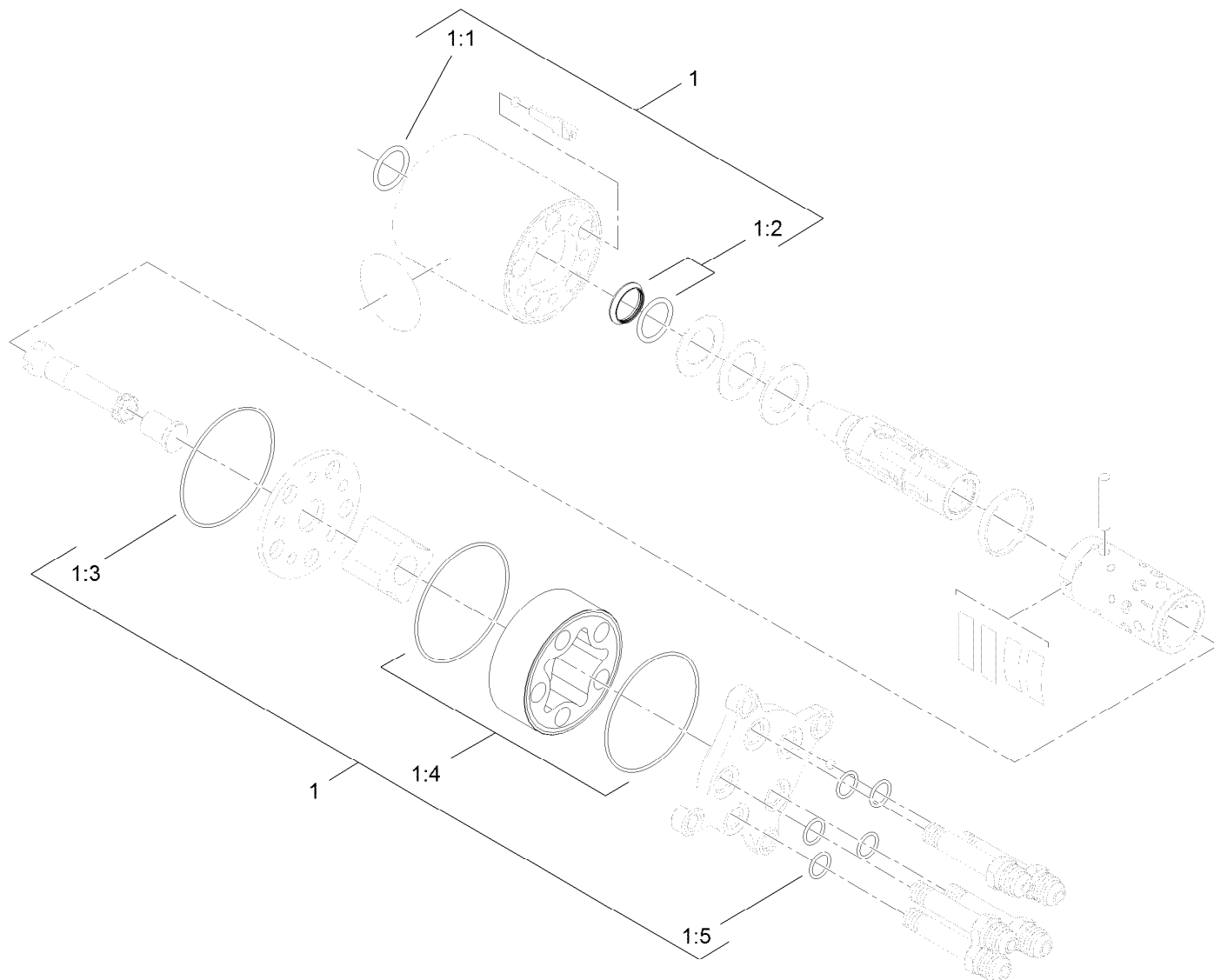
● Not serviced separately



## Steering Hydraulic Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 120-4813    | 1    | Pump-Steering              |
| 2    | 98-1471     | 1    | Wheel-Steering             |
| 2:1  | 98-1468     | 1    | Cover-Wheel, Steering      |
| 3    | 94-1444     | 3    | Union-Bulkhead             |
| 3:1  | 237-21      | 2    | O-Ring                     |
| 4    | 106-7974    | 3    | Hose-HYD                   |
| 5    | 106-7975    | 2    | Hose-HYD                   |
| 6    | 340-71      | 2    | Fitting-Straight, Bulkhead |
| 6:1  | 237-22      | 2    | O-Ring                     |
| 8    | 340-70      | 4    | Nut-Lock                   |
| 9    | 106-7804    | 1    | Tube-HYD                   |
| 9:1  | 237-21      | 1    | O-Ring                     |
| 10   | 3219-10     | 6    | Nut-Hex                    |
| 11   | 106-7806    | 1    | Tube-HYD                   |
| 11:1 | 237-21      | 1    | O-Ring                     |
| 13   | 340-132     | 1    | Fitting-Elbow, 90 DEG      |
| 13:1 | 237-78      | 1    | O-Ring                     |
| 13:2 | 237-21      | 1    | O-Ring                     |
| 14   | 98-7977     | 4    | Screw-HHF                  |

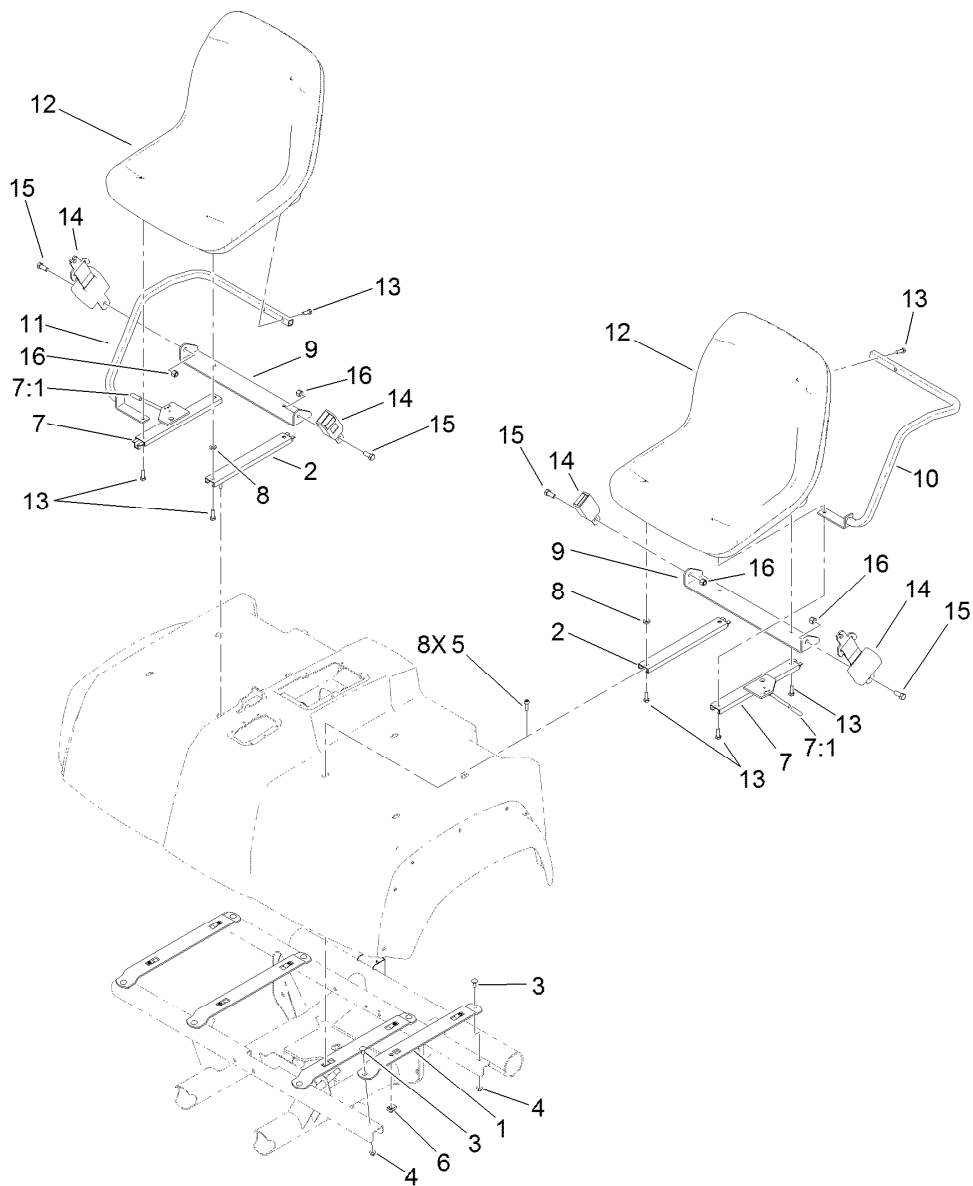
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 15   | 106-7839    | 2    | Clamp-Tube            |
| 16   | 3234-21     | 2    | Screw-HHF             |
| 18   | 104-7201    | 2    | Nut-HF                |
| 19   | 3256-27     | 1    | Washer-Flat           |
| 20   | 3296-33     | 1    | Nut-Lock, NI          |
| 21   | 106-6713    | 1    | Cover-Lines, Steering |
| 22   | 3290-379    | 4    | Tie-Cable             |
| 23   | 108-6505    | 1    | Hose-HYD              |
| 24   | 340-92      | 1    | Fitting-Straight      |
| 24:1 | 237-78      | 1    | O-Ring                |
| 24:2 | 237-21      | 1    | O-Ring                |
| 25   | 115-7701    | 1    | Tube-HYD              |
| 25:1 | 237-22      | 1    | O-Ring                |
| 26   | 115-7702    | 1    | Tube-HYD              |
| 26:1 | 237-22      | 1    | O-Ring                |
| 27   | 115-7703    | 1    | Tube-HYD              |
| 27:1 | 237-21      | 1    | O-Ring                |
| 28   | 56-7973     | 2    | Clamp-Tube            |
| 29   | 117-4861    | 1    | Hose-HYD              |



## Steering Valve Assembly No. 120-4813

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 106-6716    | 1    | Seal Kit          |
| 1:1  |             | 1    | Ring-Seal, Dust ● |
| 1:2  |             | 1    | Seal-Shaft ●      |
| 1:3  |             | 1    | O-Ring ●          |
| 1:4  |             | 2    | O-Ring ●          |
| 1:5  |             | 5    | O-Ring ●          |

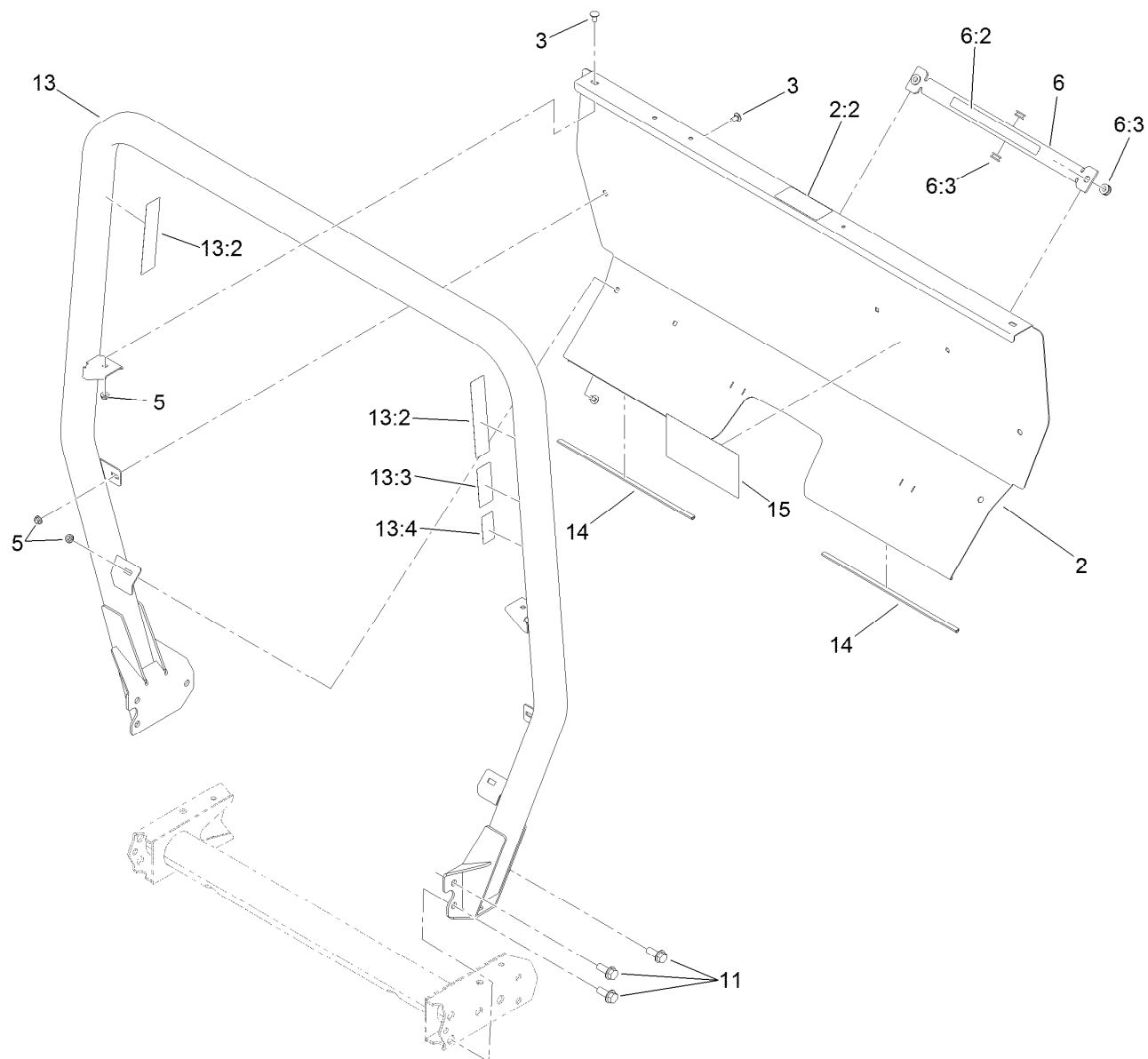
● Not serviced separately



## Seat Assembly

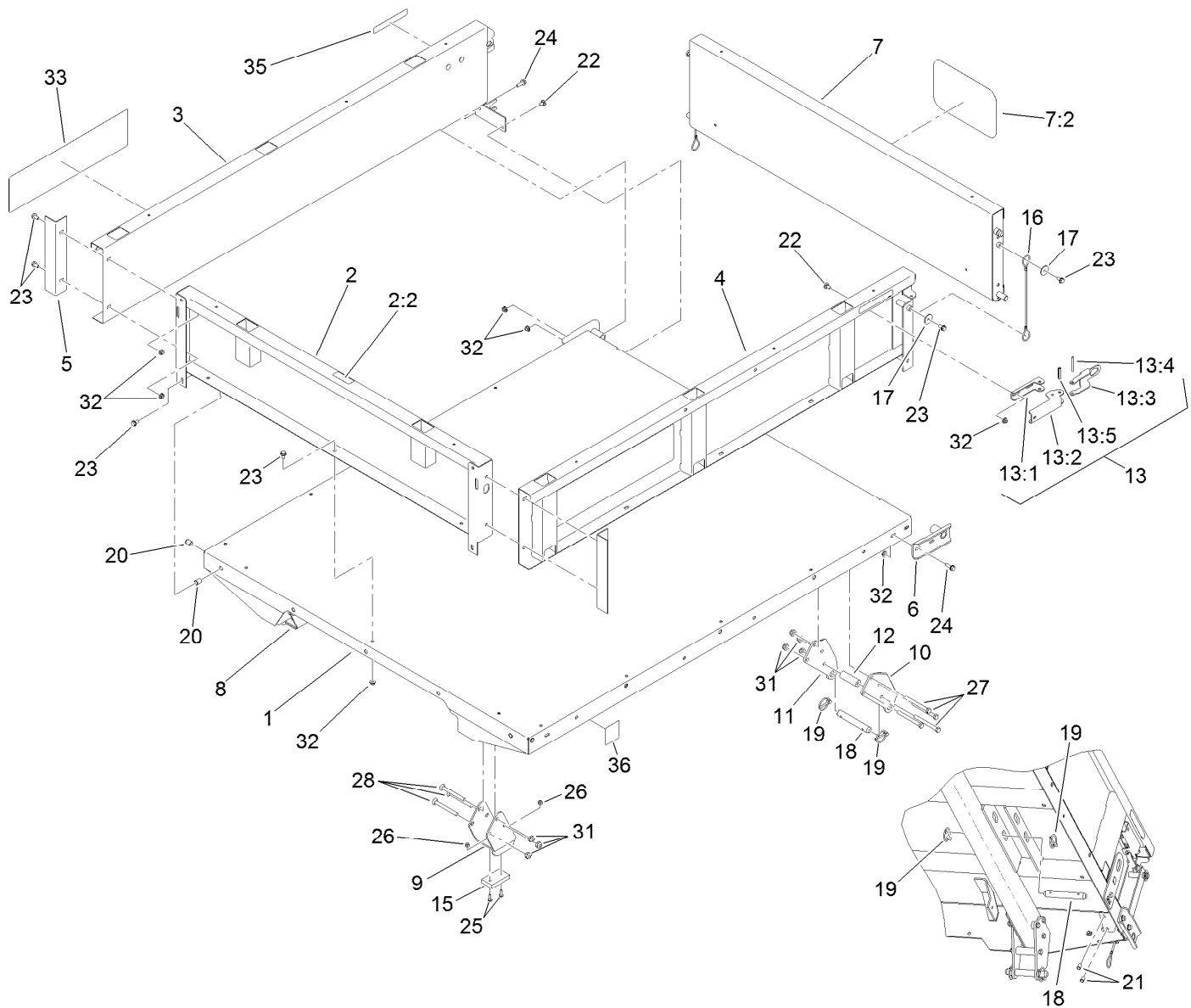
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 115-2435-03 | 4    | Bracket-Seat               |
| 2    | 119-0655    | 2    | Adjuster-Seat, Non Locking |
| 3    | 3230-1      | 8    | Bolt-CARR                  |
| 4    | 104-8300    | 8    | Nut-HF, NI                 |
| 5    | 3274-22     | 8    | Screw-HSH                  |
| 6    | 115-7721    | 8    | Nut-Clip, U                |
| 7    | 121-9763    | 2    | Adjuster-Seat, Locking     |
| 7:1  | 2410-49     | 1    | Cap-Vinyl                  |
| 8    | 104-7658    | 2    | Spacer                     |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 9    | 119-0727-03 | 2    | Bracket-Belt, Seat   |
| 10   | 119-0731-03 | 1    | Armrest-LH           |
| 11   | 119-0732-03 | 1    | Armrest-RH           |
| 12   | 133-0577    | 2    | Seat ASM             |
| 13   | 33114-030   | 12   | Screw-HH             |
| 14   | 110-0413    | 2    | Seatbelt-Retractable |
| 15   | 3212-4      | 4    | Screw-HH             |
| 16   | 3296-7      | 4    | Nut-Lock             |



## Roll-Over Protection System Assembly

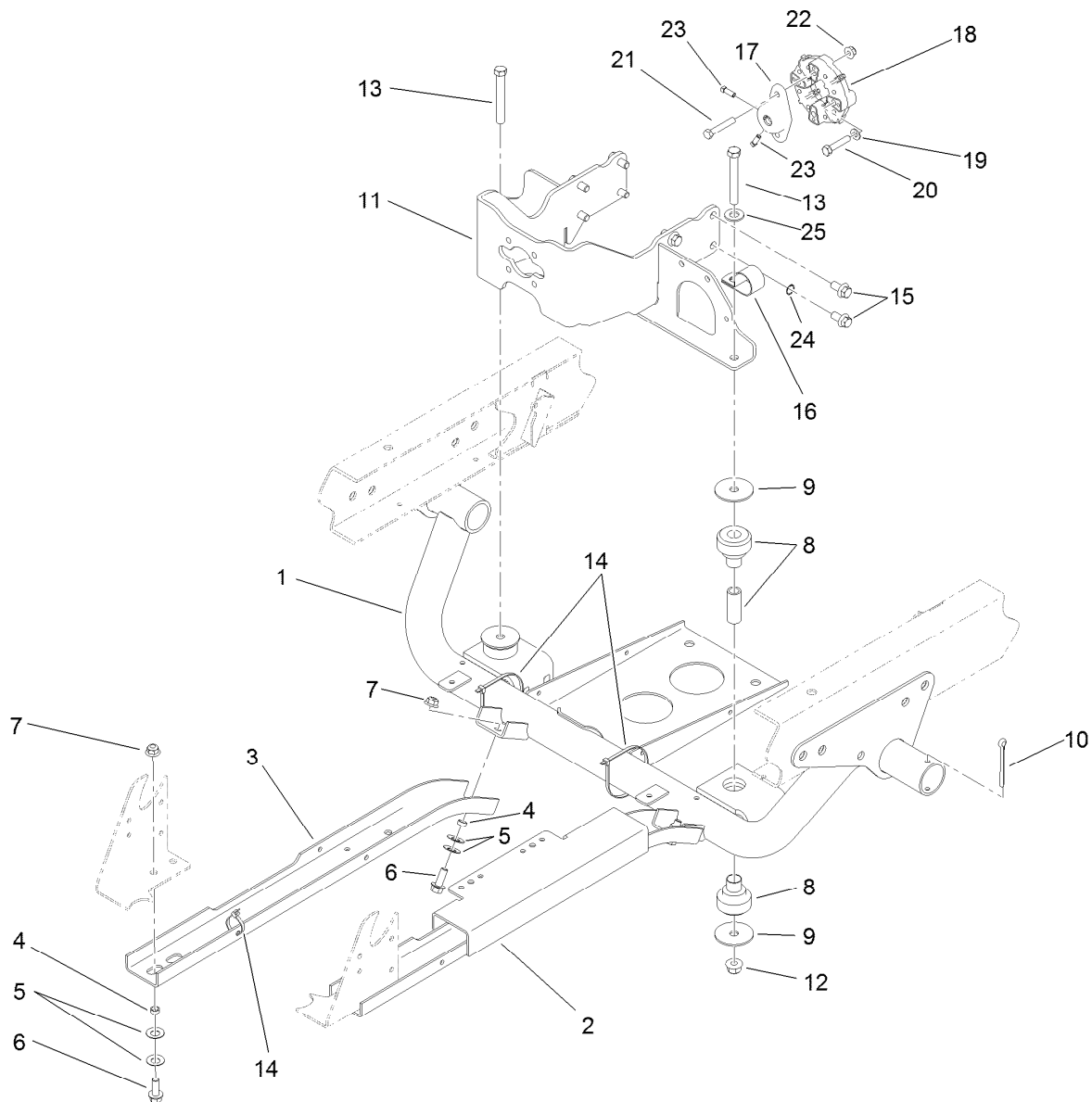
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 2    | 115-2213    | 1    | ROPS Cover ASM         |
| 2:2  | 105-4215    | 1    | Decal-Caution          |
| 3    | 3230-18     | 6    | Screw-CARR             |
| 5    | 32128-20    | 6    | Nut-HF                 |
| 6    | 105-7960    | 1    | Bed Support ASM        |
| 6:2  | 93-9852     | 1    | Decal-Warning          |
| 6:3  | 92-5972     | 4    | Grommet-Rubber         |
| 11   | 3234-38     | 6    | Screw-HHF              |
| 13   | 115-7910    | 1    | ROPS ASM               |
| 13:2 | 106-7767    | 2    | Decal-ROPS             |
| 13:3 | 93-9850     | 1    | Decal-ROPS, CE         |
| 13:4 | 117-4969    | 1    | Decal-ROPS, ISO        |
| 14   | 127-7382    | 2    | Seal-ROPS              |
| 15   | 115-7814    | 1    | Decal-Reference, Quick |



## Full Bed and Side Panel Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 93-9724-03  | 1    | Flatbed-Full             |
| 2    | 133-0645    | 1    | Front Panel ASM          |
| 2:2  | 115-7739    | 1    | Decal-No Riders          |
| 3    | 133-0617    | 1    | Panel-Side, RH           |
| 4    | 133-0616    | 1    | Panel-Side, LH           |
| 5    | 92-1320-03  | 2    | Angle-Side               |
| 6    | 92-1265-03  | 2    | Bracket-Pivot            |
| 7    | 133-0644    | 1    | Tailgate                 |
| 7:2  | 105-4222    | 1    | Decal                    |
| 8    | 106-2423-03 | 1    | Bracket-Spacer, RH       |
| 9    | 106-2422-03 | 1    | Bracket-Spacer, LH       |
| 10   | 93-9720-03  | 2    | Bracket-Pivot, Long (LH) |
| 11   | 93-9721-03  | 2    | Bracket-Pivot, Long (RH) |
| 12   | 93-9575     | 2    | Tube-Pivot, Flatbed      |
| 13   | 99-1123     | 2    | Latch ASM                |
| 13:1 | 92-1271     | 1    | Pivot-Latch              |
| 13:2 | 99-1113     | 1    | Handle-Latch             |
| 13:3 | 99-1112     | 1    | Plate-Retainer           |
| 13:4 | 32121-78    | 1    | Pin-Roll                 |
| 13:5 | 32121-25    | 1    | Pin-Roll                 |

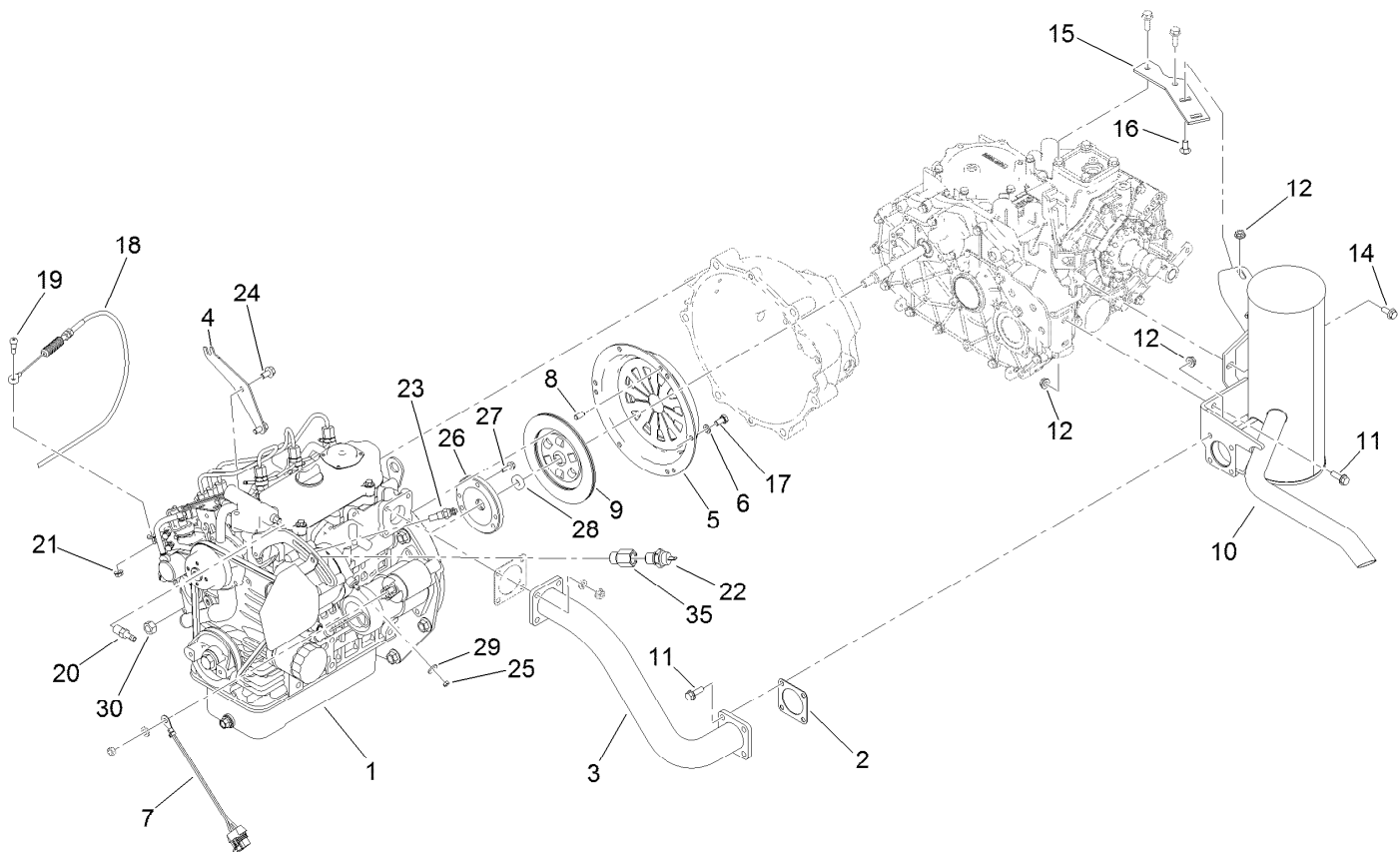
| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 15   | 93-9719     | 2    | Block-Wear    |
| 16   | 93-9595     | 2    | Lanyard       |
| 17   | 3256-57     | 4    | Washer-Flat   |
| 18   | 92-1233     | 4    | Pin-Clevis    |
| 19   | 92-1298     | 8    | Pin-Lynch     |
| 20   | 32148-7     | 4    | Nut-Clinch    |
| 21   | 32148-6     | 4    | Nut-Clinch    |
| 22   | 3230-18     | 6    | Screw-CARR    |
| 23   | 3234-7      | 21   | Screw-HHF     |
| 24   | 3234-29     | 6    | Screw-HHF     |
| 25   | 3250-45     | 4    | Screw-SPH     |
| 26   | 3296-42     | 4    | Nut-Lock, NI  |
| 27   | 323-42      | 8    | Screw-HH      |
| 28   | 3231-24     | 6    | Screw-CARR    |
| 31   | 3296-44     | 14   | Nut-Lock, NI  |
| 32   | 32128-20    | 27   | Nut-HF        |
| 33   | 115-7915    | 2    | Decal         |
| 35   | 93-9868     | 2    | Decal-Caution |
| 36   | 93-9899     | 2    | Decal-Warning |



## Engine Sub Frame Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 119-9679-03 | 1    | Support-Engine     |
| 2    | 115-2215-03 | 1    | Guard-LH           |
| 3    | 87-4730-03  | 1    | Guard-Belly        |
| 4    | 76-9100     | 6    | Spacer             |
| 5    | 3290-413    | 12   | Washer-Belleville  |
| 6    | 3234-11     | 6    | Screw-HHF          |
| 7    | 104-8301    | 6    | Nut-HF, NI         |
| 8    | 106-7865    | 2    | Mount-Engine       |
| 9    | 87-5100     | 4    | Washer-Snubbing    |
| 10   | 3272-37     | 2    | Pin-Cotter         |
| 11   | 121-6259-03 | 1    | Mount-Pump, Engine |
| 12   | 114-8417    | 2    | Nut-HF, NI         |
| 13   | 324-13      | 2    | Screw-HH           |

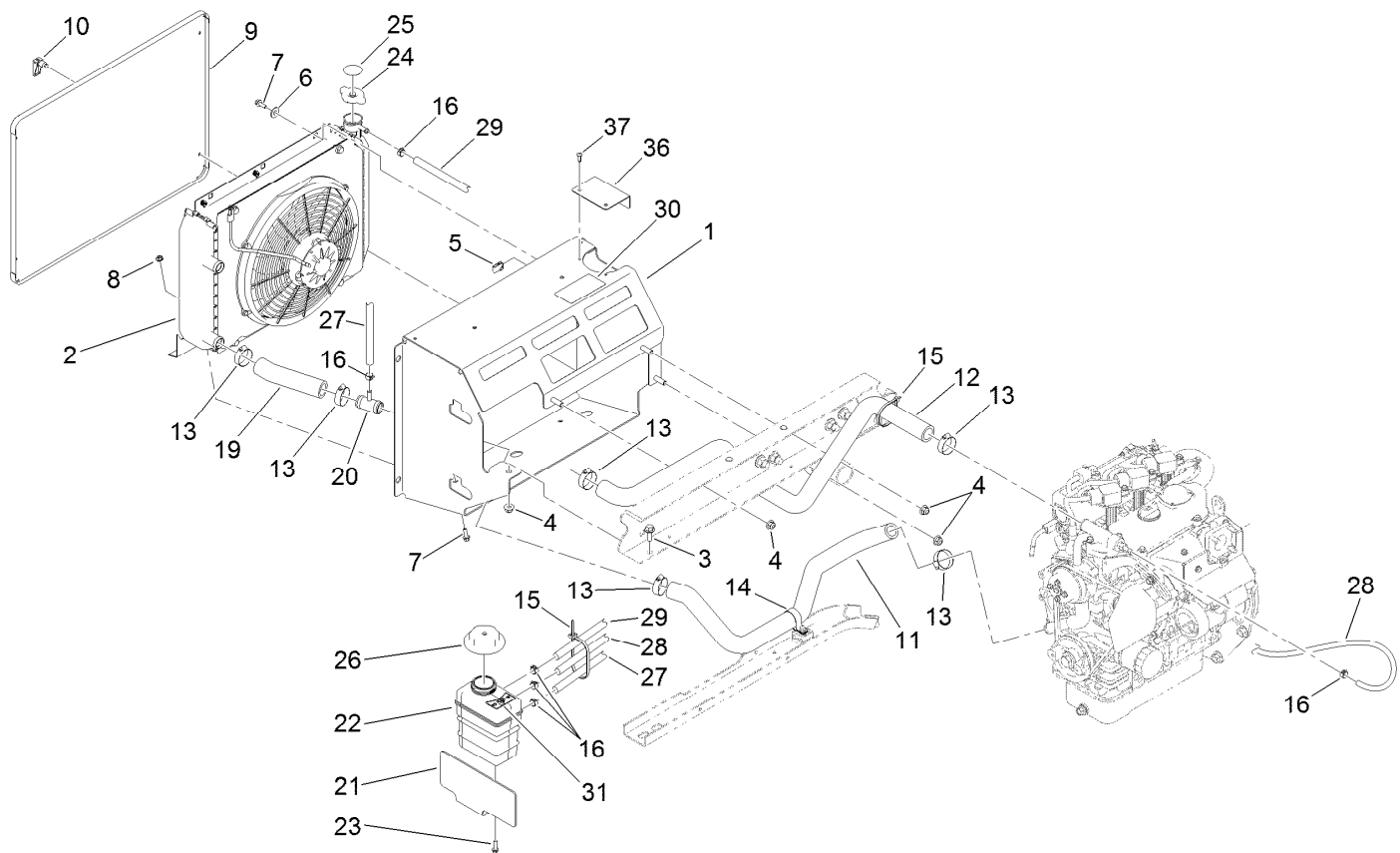
| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 14   | 3290-379    | 4    | Tie-Cable        |
| 15   | 120-4839    | 8    | Screw-HHF        |
| 16   | 2412-82     | 1    | Clamp-R          |
| 17   | 115-2169    | 1    | Hub-Pump         |
| 18   | 119-0652    | 1    | Coupler-Rubber   |
| 19   | 3256-23     | 2    | Washer-Plain     |
| 20   | 33114-040   | 2    | Screw-HH         |
| 21   | 322-21      | 2    | Screw-HH         |
| 22   | 104-8300    | 2    | Nut-HF, NI       |
| 23   | 3241-6      | 2    | Screw-SQH        |
| 24   | 3254-20     | 1    | Washer-Lock, Int |
| 25   | 3256-26     | 1    | Washer-Flat      |



## Engine Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 138-6904    | 1    | Engine-Kubota, D902        |
| 2    | 105-4209    | 1    | Gasket-Muffler             |
| 3    | 119-0860    | 1    | Tube-Exhaust               |
| 4    | 120-4981-03 | 1    | Mount-Cable, Throttle      |
| 5    | 87-4690     | 1    | Cover-Clutch               |
| 6    | 3253-4      | 6    | Washer-Lock                |
| 7    | 99-3441     | 1    | Harness-Wire, Fusible Link |
| 8    | 42-7160     | 3    | Pin                        |
| 9    | 87-4700     | 1    | Disc-Clutch                |
| 10   | 133-0613    | 1    | Muffler                    |
| 11   | 3234-17     | 6    | Screw-HHF                  |
| 12   | 32128-20    | 8    | Nut-HF                     |
| 14   | 98-7977     | 1    | Screw-HHF                  |
| 15   | 105-9472    | 1    | Plate-Mount, Muffler       |
| 16   | 3230-2      | 2    | Bolt-CARR                  |

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 17   | 33114-016   | 6    | Screw-HH                  |
| 18   | 120-4980    | 1    | Cable-Throttle            |
| 19   | 119-4881    | 1    | Bolt-Shoulder             |
| 20   | 115-1448    | 1    | Fitting-Straight          |
| 21   | 32128-33    | 1    | Nut-HF                    |
| 22   | 117-4923    | 1    | Switch-Temperature, Water |
| 23   | 120-5075    | 1    | Sender-Temperature        |
| 24   | 33104-016   | 2    | Screw-HHF                 |
| 25   | 33013-00    | 1    | Nut-Hex                   |
| 26   | 120-5006    | 1    | Holder-Bearing, Pilot     |
| 27   | 33103-020   | 3    | Screw-HHF                 |
| 28   | 115-6870    | 1    | Bearing-Ball, Sealed      |
| 29   | 3256-2      | 1    | Washer-Flat               |
| 30   | 110-8815    | 1    | Nut-Hex                   |
| 35   | 138-9273    | 1    | Adapter-Straight          |

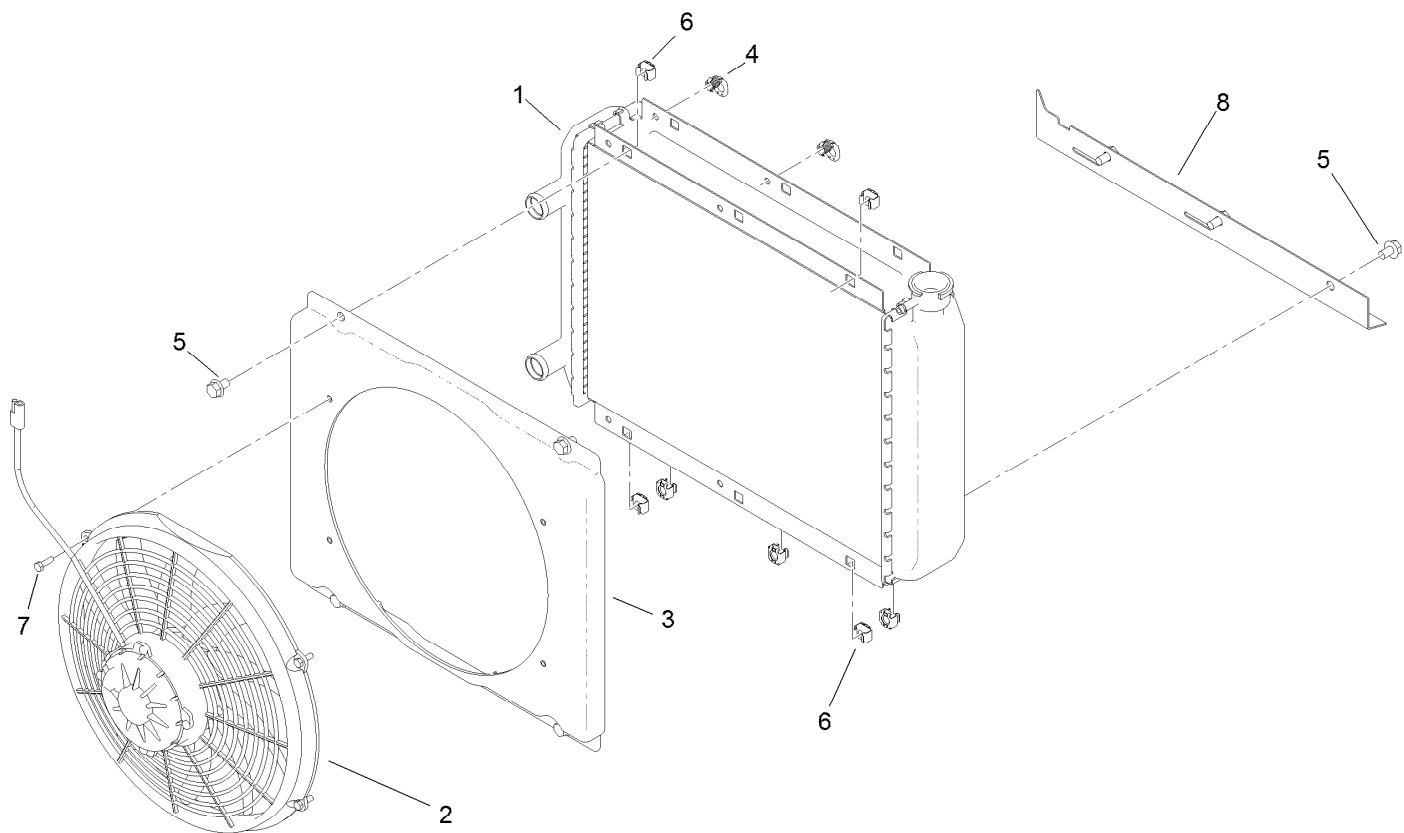


## Cooling System Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 115-2434    | 1    | Mount-Radiator      |
| 2    |             | 1    | Radiator ASM ●      |
| 3    | 3234-11     | 1    | Screw-HHF           |
| 4    | 104-8301    | 4    | Nut-HF, NI          |
| 5    | 107069      | 2    | Clip                |
| 6    | 3256-3      | 2    | Washer-Flat         |
| 7    | 3234-4      | 4    | Screw-HHF           |
| 8    | 32128-33    | 2    | Nut-HF              |
| 9    | 115-2428-03 | 1    | Screen-Radiator     |
| 10   | 74-5950     | 4    | Latch-Swell         |
| 11   | 119-9487    | 1    | Hose-Coolant, Lower |
| 12   | 119-9486    | 1    | Hose-Coolant, Upper |
| 13   | 2412-34     | 6    | Clamp-Hose          |
| 14   | 2412-74     | 1    | R-Clamp             |
| 15   | 3290-379    | 4    | Tie-Cable           |
| 16   | 92-2379     | 6    | Clamp-Hose          |

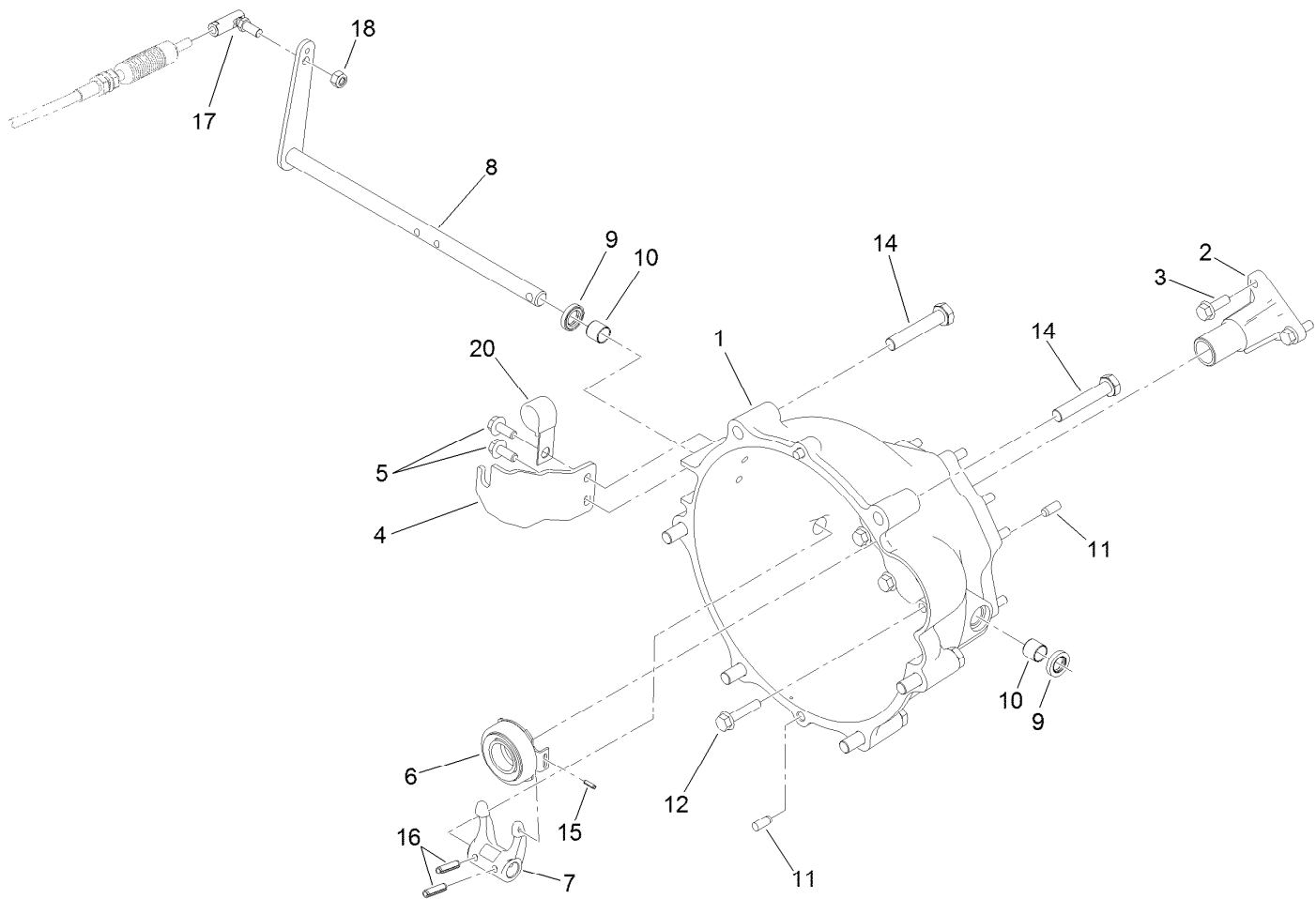
| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 19   | 120-4905    | 1    | Hose-Coolant, Lower            |
| 20   | 120-4851    | 1    | Tee                            |
| 21   | 120-4906-03 | 1    | Plate-Mount, Tank              |
| 22   | 120-4856    | 1    | Tank-Surge                     |
| 23   | 46-8091     | 2    | Screw-HWH                      |
| 24   | 120-4866    | 1    | Cap-System, Cooling            |
| 25   | 106-6755    | 1    | Decal-Cap, Radiator            |
| 26   | 120-4867    | 1    | Cap-Coolant, Threaded (15 PSI) |
| 27   | 120-5019    | 1    | Hose-Coolant                   |
| 28   | 120-5020    | 1    | Hose-Coolant                   |
| 29   | 120-5021    | 1    | Hose-Coolant                   |
| 30   | 121-6286    | 1    | Decal-Fill, Radiator           |
| 31   | 121-6287    | 1    | Decal-Tank, Overflow           |
| 36   | 136-6288    | 1    | Cover-Cap, Radiator            |
| 37   | 63-8590     | 2    | Screw                          |

● Not serviced separately



## Radiator Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 114-8384           | 1           | Radiator           |
| 2           | 114-8385           | 1           | Fan-Electric       |
| 3           | 114-8386           | 1           | Shroud             |
| 4           | 114-8387           | 2           | Latch-Spring       |
| 5           | 3234-30            | 7           | Screw-HHF          |
| 6           | 703856             | 7           | Nut-Sq, Caged      |
| 7           | 60-6910            | 4           | Screw-HH           |
| 8           | 115-7765           | 1           | Plate-Mount, Lower |

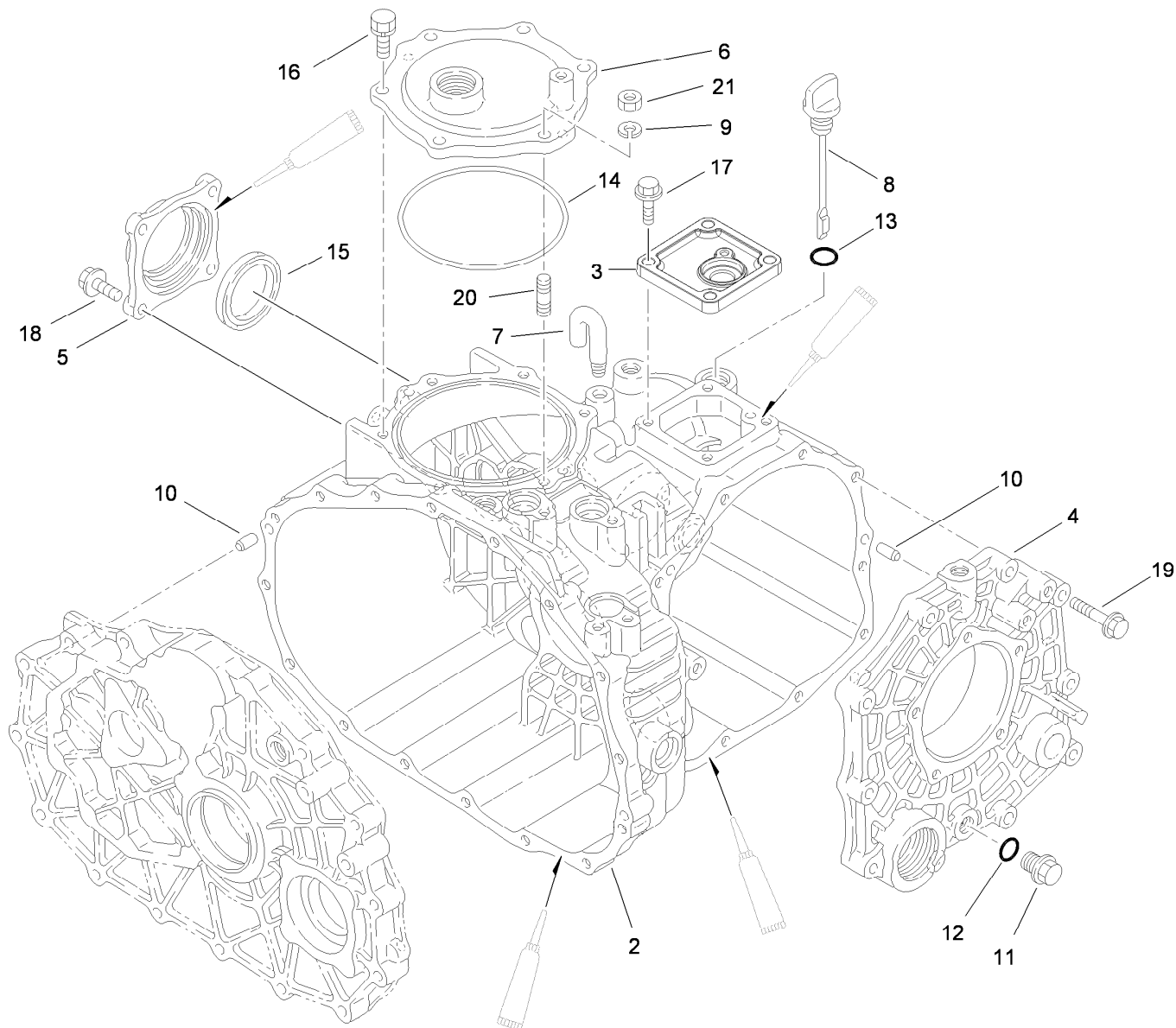


## Clutch Linkage Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 119-9498    | 1    | Bell Housing            |
| 2    | 120-4886    | 1    | Guide-Release           |
| 3    | 33104-025   | 3    | Screw-HHF               |
| 4    | 115-2313    | 1    | Bracket-Cable, Clutch   |
| 5    | 98-7977     | 2    | Screw-HHF               |
| 6    | 110-2538    | 1    | Bearing-Release, Clutch |
| 7    | 87-5300     | 1    | Fork-Clutch             |
| 8    | 115-2311    | 1    | Lever-Clutch            |
| 9    | 87-1920     | 2    | Seal-Oil                |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 10   | 87-3770     | 2    | Bushing-Housing, Bell    |
| 11   | 87-1910     | 4    | Pin-Dowel                |
| 12   | 33104-040   | 9    | Screw-HHF                |
| 14   | 107-7983    | 6    | Screw-HH                 |
| 15   | 32121-7     | 1    | Pin-Roll, Slotted        |
| 16   | 32121-24    | 2    | Pin-Spring               |
| 17   | 2411-33     | 1    | Balljoint-RH (W/Grommet) |
| 18   | 3296-4      | 1    | Nut-Lock                 |
| 20   | 120-5018    | 1    | Clip-Open J, Coated      |

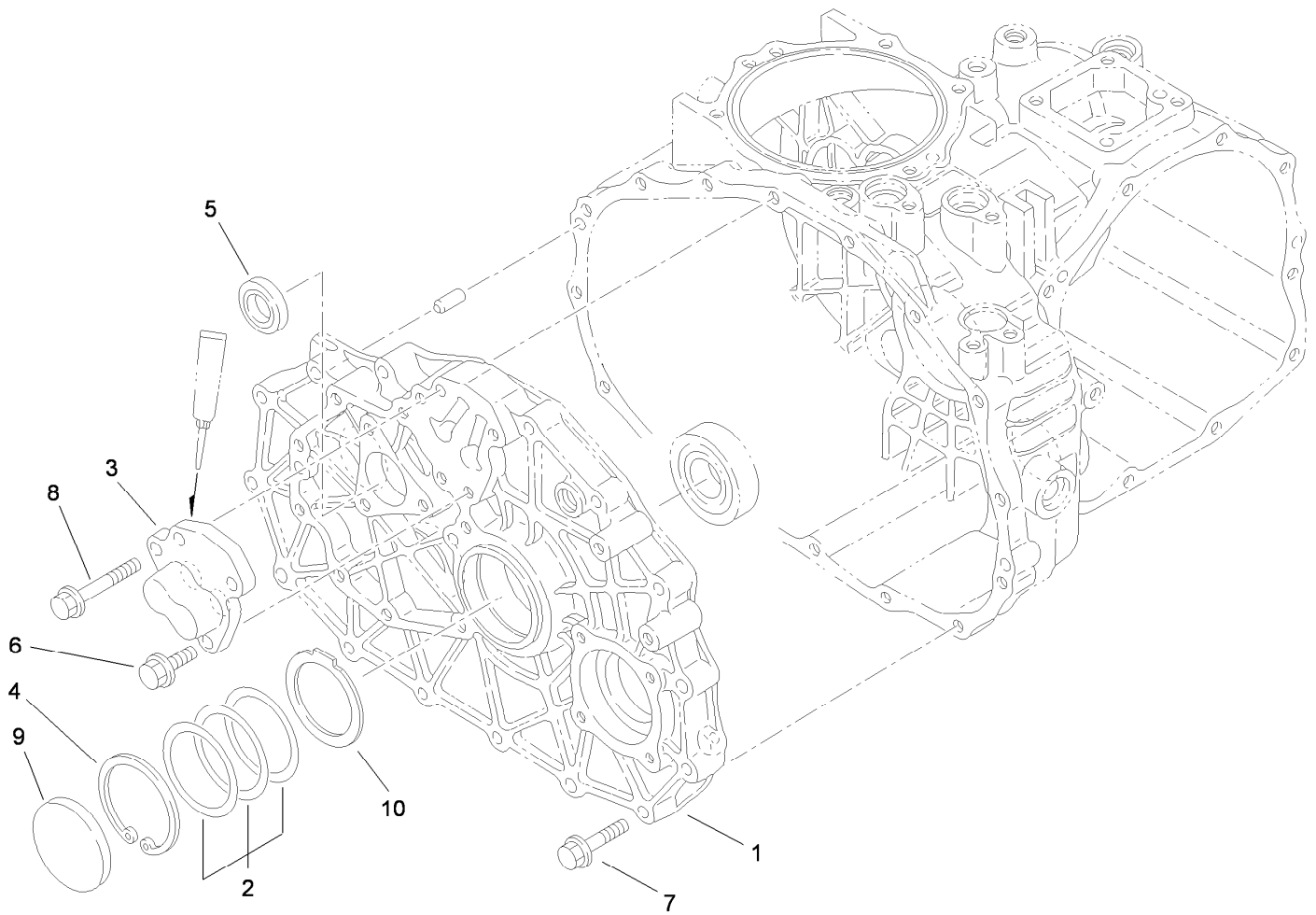




## Case Assembly Transaxle Assembly No. 115-7783

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 2    | 92-0651     | 1    | Case-Transmission   |
| 3    | 92-0810     | 1    | Cover-Upper, Sensor |
| 4    | 92-0653     | 1    | Cover-Side          |
| 5    | 92-0655     | 1    | Cover-Seal, Axle    |
| 6    | 92-0656     | 1    | Cover-Upper, PTO    |
| 7    | 92-0743     | 1    | Breather-Air        |
| 8    | 92-0662     | 1    | Cap-Oil             |
| 9    | 92-0762     | 1    | Washer-Spring       |
| 10   | 92-0765     | 4    | Pin-Parallel        |
| 11   | 92-0773     | 1    | Plug-Drain          |

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 12   | 92-0787     | 1    | O-Ring                  |
| 13   | 92-0788     | 1    | O-Ring                  |
| 14   | 92-0790     | 1    | O-Ring                  |
| 15   | 92-0793     | 1    | Seal-Oil                |
| 16   | 92-0796     | 5    | Bolt                    |
| 17   | 33104-025   | 4    | Screw-HHF               |
| 18   | 33104-025   | 4    | Screw-HHF               |
| 19   | 33104-040   | 10   | Screw-HHF               |
| 20   | 92-0805     | 1    | Bolt 8X20               |
| 21   | 68-9400     | 1    | Nut-Flange [f/W Engine] |



## Center Plate Assembly Transaxle Assembly No. 115-7783

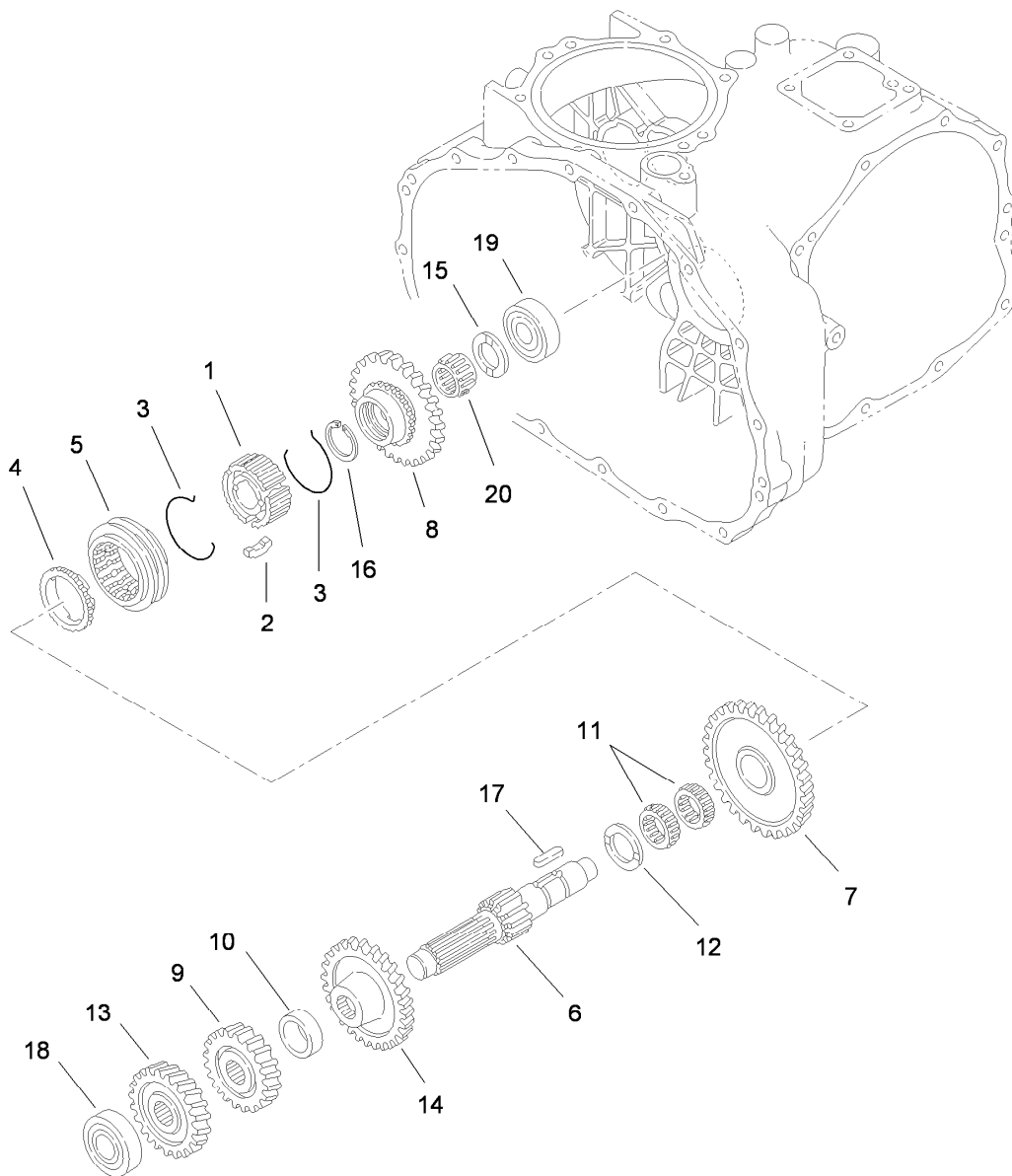
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 100-4461           | 1           | Plate-Center       |
| 2           | 100-4460           | 1           | Shim-Set           |
| 3           | 92-0706            | 1           | Shaft-Fork         |
| 4           | 92-0759            | 1           | Ring-Snap          |
| 5           | 92-0791            | 1           | Seal-Oil           |
| 6           | 33104-025          | 3           | Screw-HHF          |
| 7           | 33104-040          | 15          | Screw-HHF          |
| 8           | 33104-050          | 1           | Screw-HHF          |
| 9           | 92-0807            | 1           | Cap-Sealing        |
| 10          | 100-4465           | 1           | Shim (W/Tab)       |



## Main Shaft Assembly Transaxle Assembly No. 115-7783

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 1           | 92-0663            | 1           | Shaft-Main           |
| 2           | 92-0664            | 1           | Hub-Synchro          |
| 3           | 92-0665            | 3           | Key-Synchro          |
| 4           | 92-0666            | 2           | Spring-Synchro       |
| 5           | 92-0667            | 2           | Ring-Synchro         |
| 6           | 92-0668            | 1           | Shifter-Synchro      |
| 7           | 92-0672            | 1           | Gear-Main, 18 Tooth  |
| 8           | 92-0673            | 1           | Gear-Main, 14 Tooth  |
| 9           | 110-2521           | 1           | Gear-Main, 27 Tooth  |
| 10          | 110-2522           | 1           | Gear- Main, 24 Tooth |

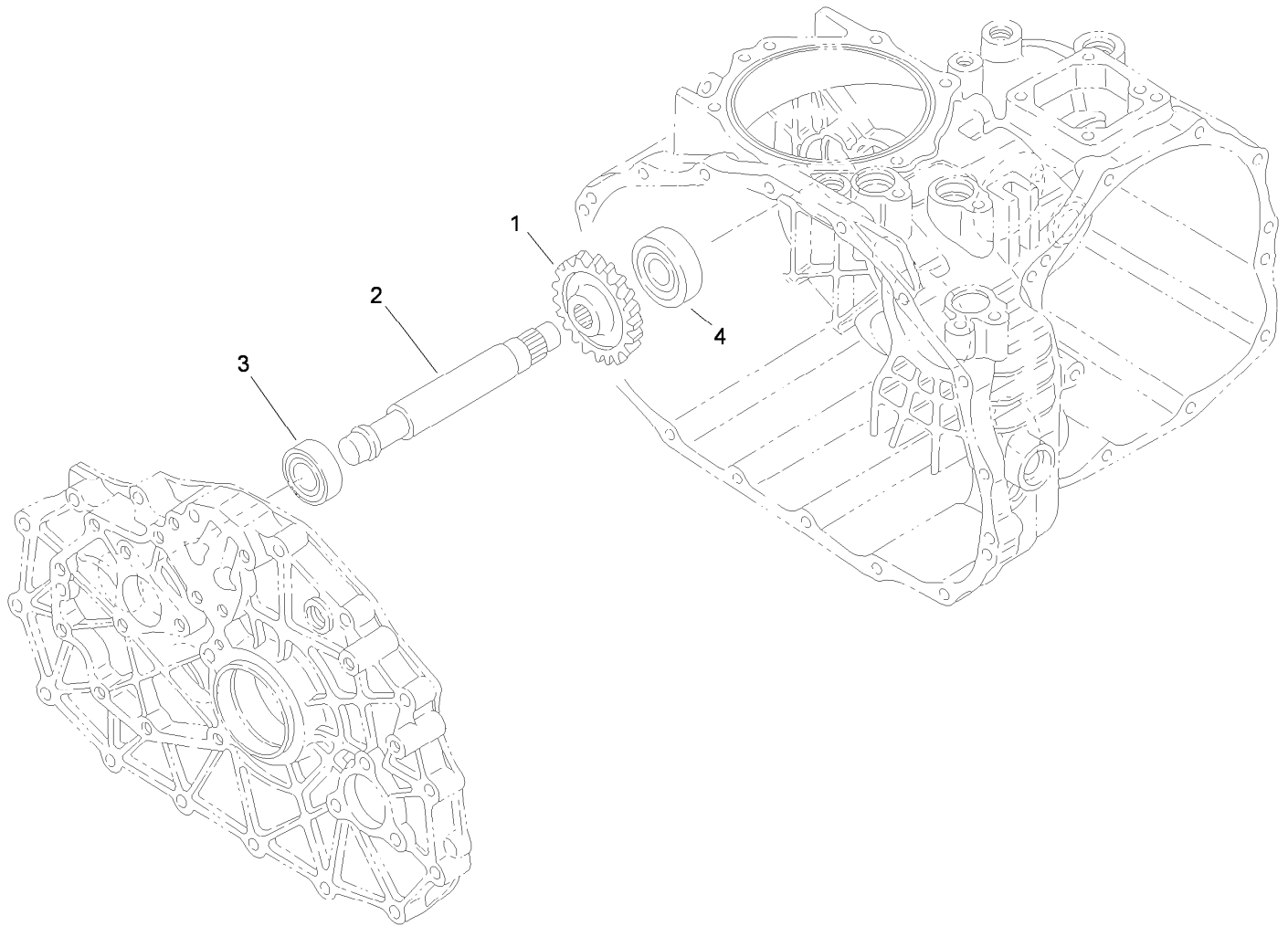
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|---------------------|
| 11          | 92-0687            | 1           | Gear-Main, 16 Tooth |
| 12          | 92-0740            | 2           | Washer-Thrust       |
| 13          | 92-0650            | 1           | Bearing             |
| 14          | 92-0753            | 1           | Ring-Snap           |
| 15          | 92-0754            | 1           | Ring-Snap           |
| 16          | 92-0763            | 2           | Ring-Snap           |
| 17          | 92-0772            | 1           | Key                 |
| 18          | 251-8              | 1           | Bearing-Ball        |
| 19          | 92-0781            | 4           | Bearing-Needle      |



## Reduction Shaft Assembly Transaxle Assembly No. 115-7783

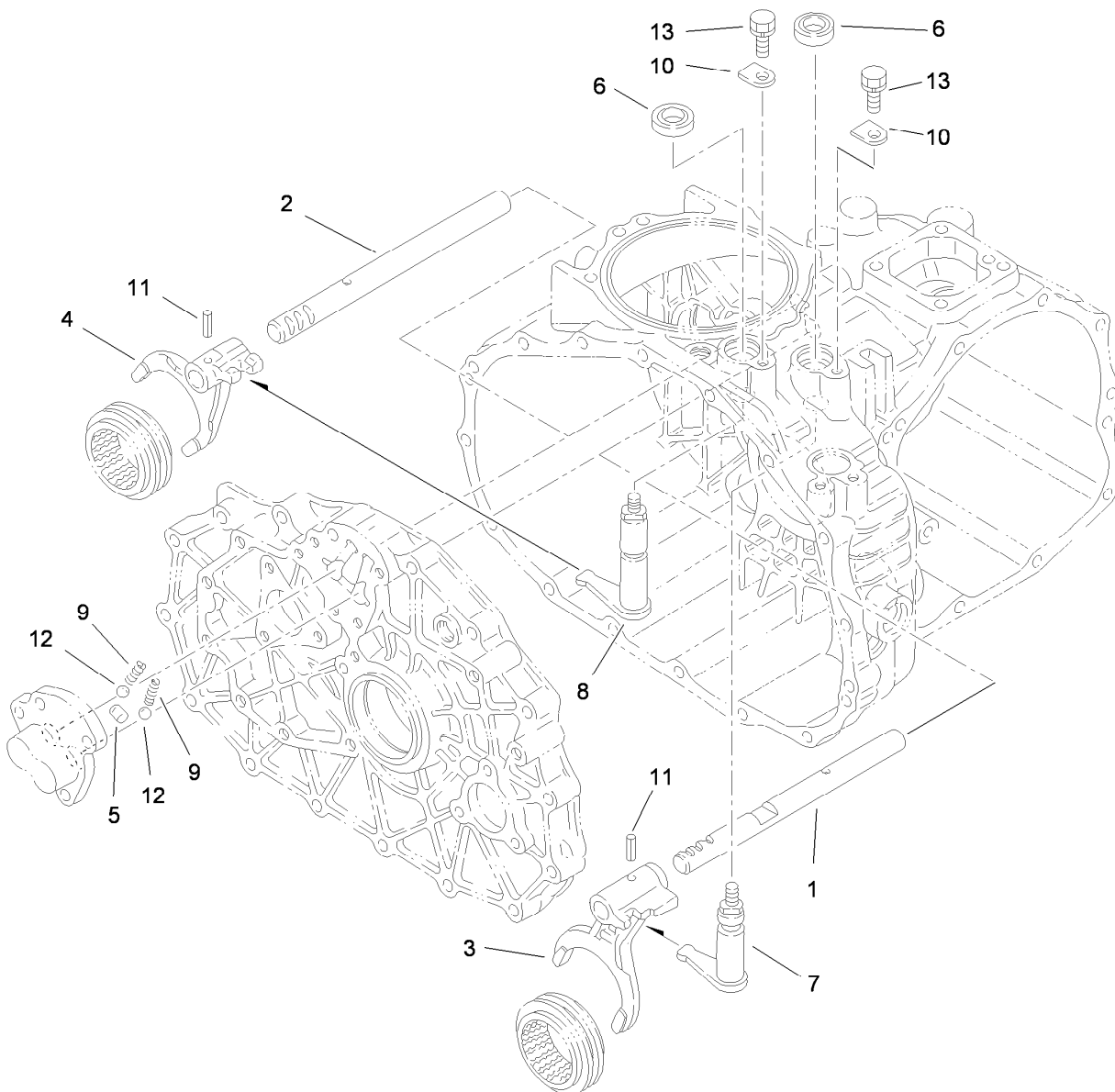
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>        |
|-------------|--------------------|-------------|---------------------------|
| 1           | 92-0664            | 1           | Hub-Synchro               |
| 2           | 92-0665            | 3           | Key-Synchro               |
| 3           | 92-0666            | 2           | Spring-Synchro            |
| 4           | 92-0667            | 1           | Ring-Synchro              |
| 5           | 92-0668            | 1           | Shifter-Synchro           |
| 6           | 92-0674            | 1           | Shaft-Reduction           |
| 7           | 110-2524           | 1           | Gear- Reduction, 49 Tooth |
| 8           | 92-0819            | 1           | Gear-Reduction, 40 Tooth  |
| 9           | 92-0679            | 1           | Gear-Reduction, H23 Tooth |
| 10          | 92-0680            | 1           | Collar                    |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       |
|-------------|--------------------|-------------|--------------------------|
| 11          | 92-0681            | 2           | Bearing-Needle           |
| 12          | 92-0682            | 1           | Washer-Thrust            |
| 13          | 92-0822            | 1           | Gear-Reduction, 28 Tooth |
| 14          | 92-0823            | 1           | Gear-Reduction, 43 Tooth |
| 15          | 92-0740            | 1           | Washer-Thrust            |
| 16          | 92-0763            | 1           | Ring-Snap                |
| 17          | 92-0772            | 1           | Key                      |
| 18          | 105-7985           | 1           | Bearing                  |
| 19          | 92-0778            | 1           | Bearing                  |
| 20          | 92-0782            | 1           | Bearing-Needle           |



## Reverse Shaft Assembly Transaxle Assembly No. 115-7783

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|------------------------|
| 1           | 92-0684            | 1           | Gear-Reverse, 33 Tooth |
| 2           | 92-0824            | 1           | Shaft-Idler, Reverse   |
| 3           | 251-346            | 1           | Bearing-Ball           |
| 4           | 92-0778            | 1           | Bearing                |



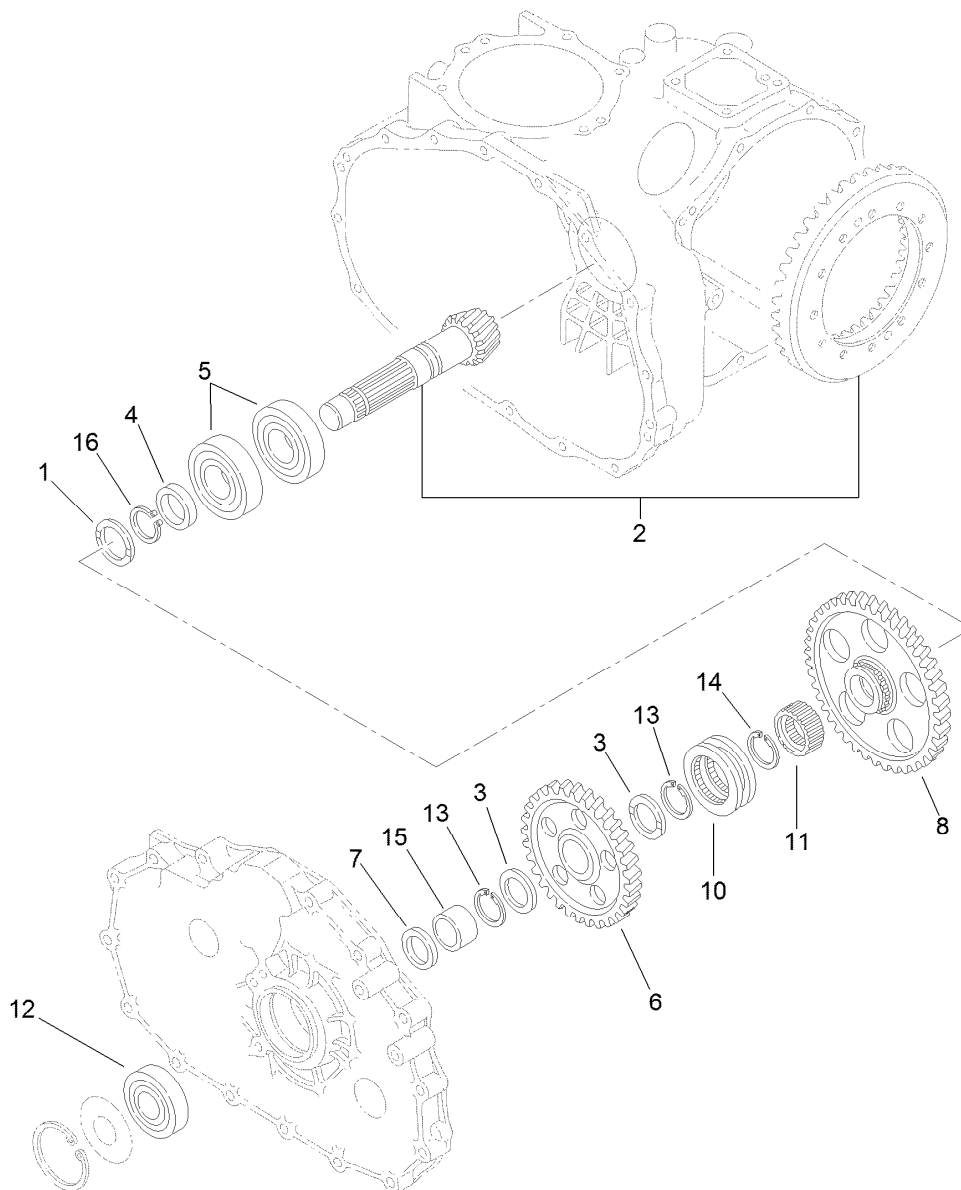
## Main Shift Assembly Transaxle Assembly No. 115-7783

| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 1    | 92-0698     | 1    | Shaft-Fork   |
| 2    | 92-0699     | 1    | Shaft-Fork   |
| 3    | 92-0700     | 1    | Fork-Shift   |
| 4    | 92-0701     | 1    | Fork-Shift   |
| 5    | 92-0705     | 1    | Lock-Spindle |
| 6    | 92-0729     | 2    | Seal-Oil     |
| 7    | 92-0816     | 1    | Arm-Shift    |
| 8    | 92-0817     | 1    | Arm-Shift    |
| 9    | 92-0731     | 2    | Spring       |
| 10   | 92-0732     | 2    | Plate-Keeper |
| 11   | 92-0769     | 2    | Pin-Roll     |
| 12   | 92-0785     | 2    | Ball-Steel   |
| 13   | 33104-016   | 2    | Screw-HHF    |



## Hi-Lo Shift Assembly Transaxle Assembly No. 115-7783

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 92-0729            | 1           | Seal-Oil           |
| 2           | 92-0818            | 1           | Arm-Shift          |
| 3           | 92-0731            | 1           | Spring             |
| 4           | 92-0708            | 1           | Shaft-Fork         |
| 5           | 92-0709            | 1           | Fork-Shift         |
| 6           | 92-0732            | 1           | Plate-Keeper       |
| 7           | 92-0761            | 1           | Ring-E             |
| 8           | 92-0785            | 1           | Ball-Steel         |
| 9           | 33104-016          | 1           | Screw-HHF          |



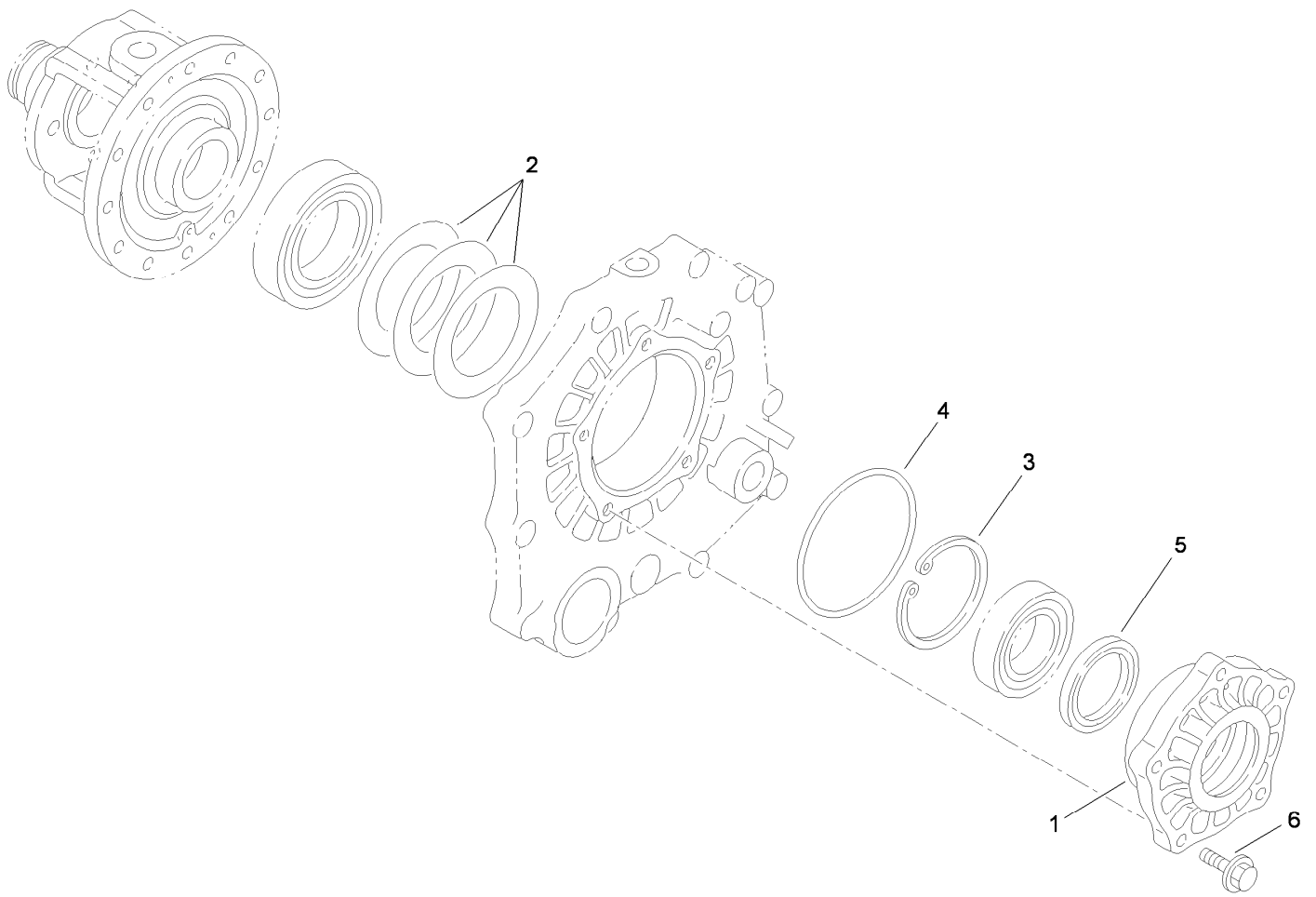
## Countershaft Assembly Transaxle Assembly No. 115-7783

| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 1    | 92-0741     | 1    | Washer-Thrust                  |
| 2    | 105-7983    | 1    | Countershaft And Ring Gear ASM |
| 3    | 92-0711     | 2    | Washer-Thrust                  |
| 4    | 92-0713     | 1    | Collar                         |
| 5    | 92-0714     | 2    | Bearing                        |
| 6    | 92-0715     | 1    | Gear-Countershaft              |
| 7    | 92-0716     | 1    | Collar                         |
| 8    | 92-0717     | 1    | Gear-Countershaft              |
| 10   | 92-0718     | 1    | Shifter                        |
| 11   | 105-7986    | 1    | Collar-Spline                  |
| 12   | 92-0712     | 1    | Bearing-Ball                   |
| 13   | 105-7987    | 2    | Ring-Snap                      |
| 14   | 92-0755     | 1    | Ring-Snap                      |
| 15   | 92-0783     | 1    | Race-Inner                     |
| 16   | 92-0759     | 1    | Ring-Snap                      |



## Differential Gear Assembly Transaxle Assembly No. 115-7783

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 1           | 92-0745            | 1           | Gear-Side, LH         |
| 2           | 92-0746            | 1           | Gear-Side, RH         |
| 3           | 92-0747            | 2           | Side-Gear, Left Inner |
| 4           | 92-0748            | 2           | Pinion-Differential   |
| 5           | 92-0749            | 1           | Shaft-Pinion          |
| 6           | 92-0750            | 2           | Washer                |
| 7           | 92-0720            | 1           | Case-Differential     |
| 8           | 92-0756            | 1           | Ring-Snap             |
| 9           | 92-0765            | 2           | Pin-Parallel          |
| 10          | 92-0768            | 1           | Pin-Roll, Spring      |
| 11          | 92-0775            | 1           | Bearing               |
| 12          | 92-0776            | 1           | Bearing               |
| 13          | 92-0803            | 12          | Bolt                  |



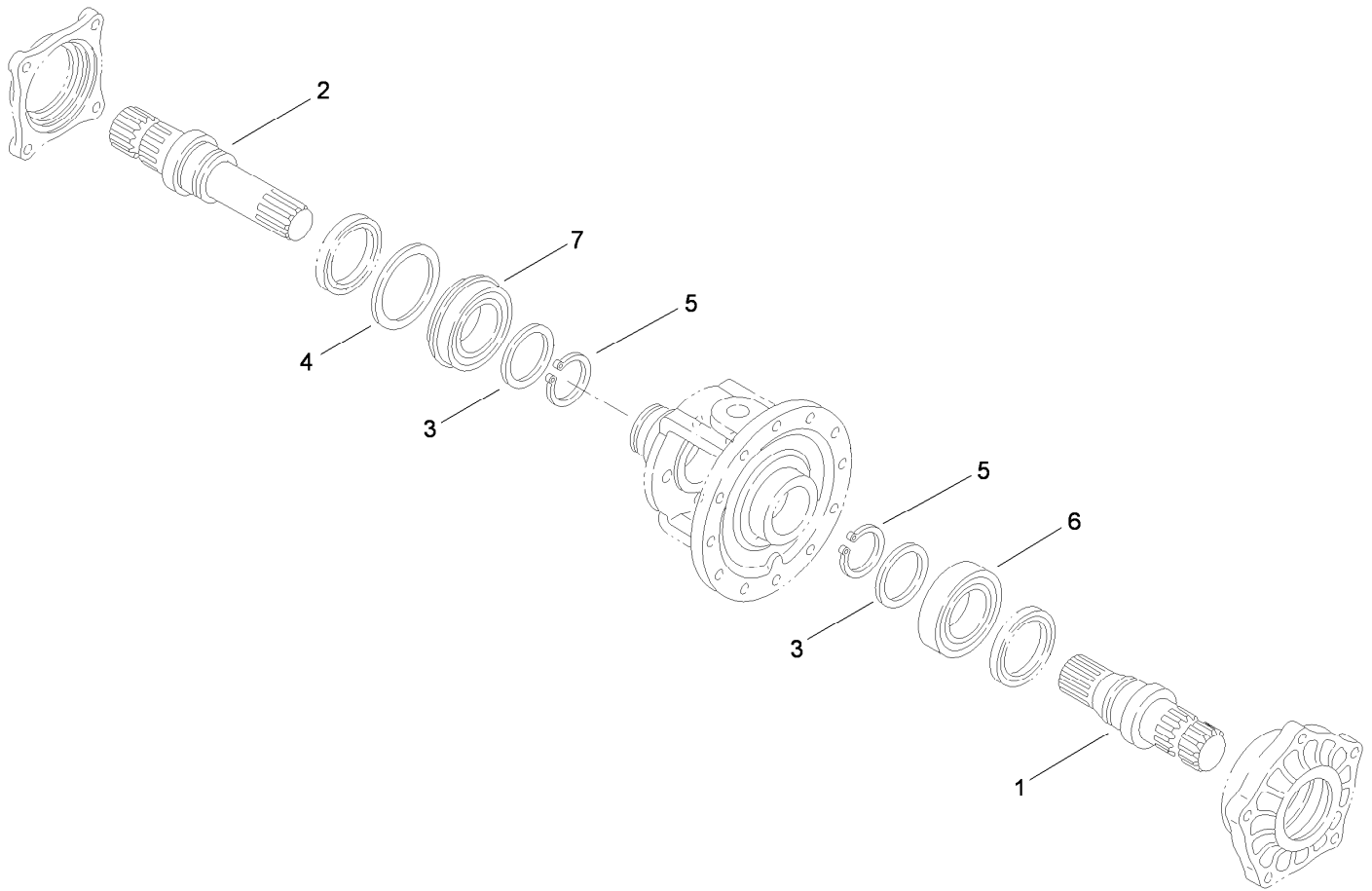
## Differential Carrier Assembly Transaxle Assembly No. 115-7783

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 1           | 92-0654            | 1           | Carrier-Differential |
| 2           | 92-0809            | 1           | Set-Shim             |
| 3           | 92-0760            | 1           | Ring-Snap            |
| 4           | 92-0789            | 1           | O-Ring               |
| 5           | 92-0793            | 1           | Seal-Oil             |
| 6           | 33104-030          | 5           | Screw-HHF            |



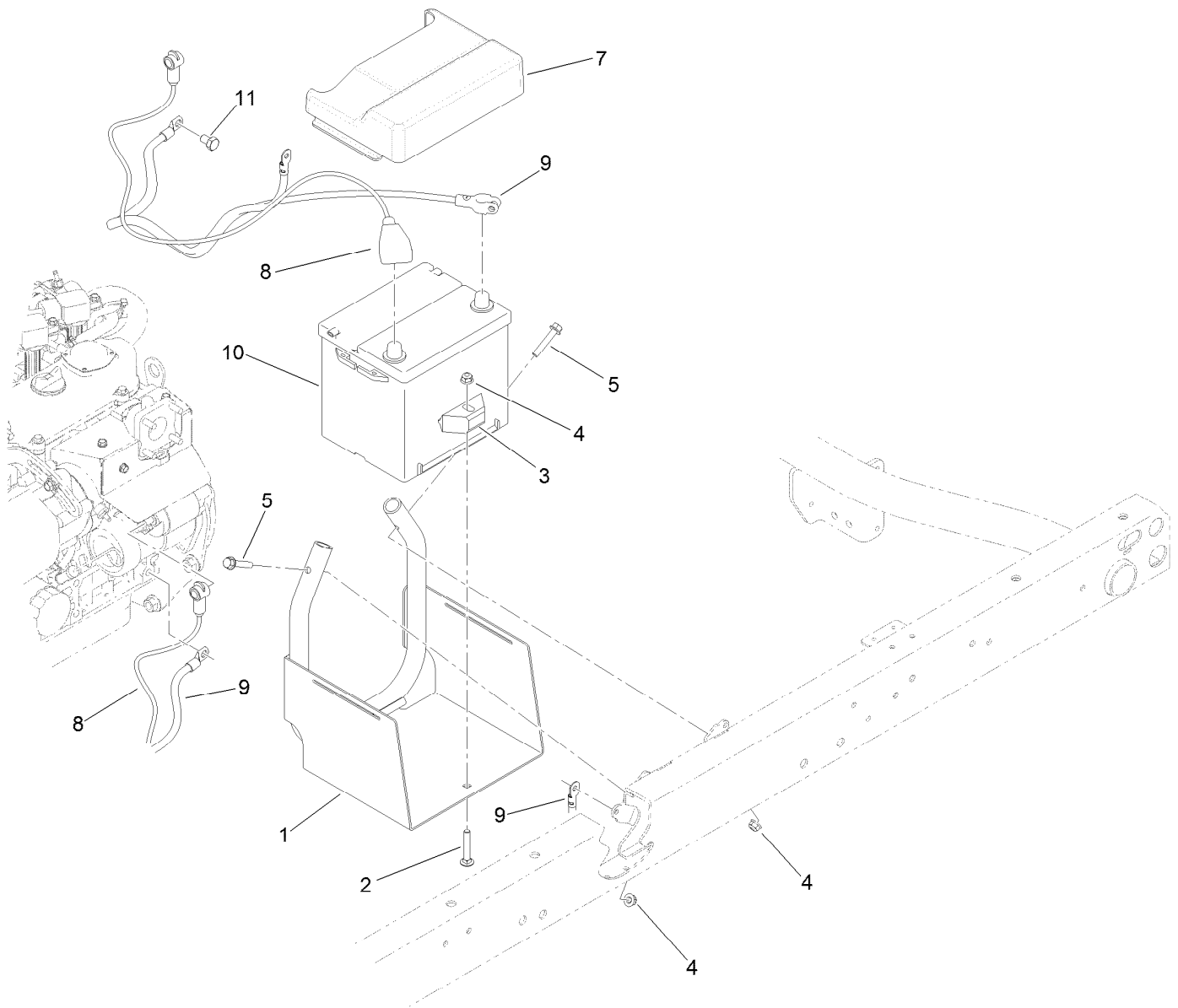
## Differential Lock Assembly Transaxle Assembly No. 115-7783

| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 1    | 92-0730     | 1    | Slider-Differential, Lock     |
| 2    | 92-0721     | 1    | Fork-Lock, Differential       |
| 3    | 92-0722     | 1    | Shaft-Fork, Lock Differential |
| 4    | 92-0723     | 1    | Spring-Lock, Differential     |
| 5    | 92-0744     | 1    | Washer                        |
| 6    | 92-0724     | 1    | Arm-Lock, Differential        |
| 7    | 92-0733     | 1    | Washer                        |
| 8    | 92-0753     | 1    | Ring-Snap                     |
| 9    | 92-0768     | 1    | Pin-Roll, Spring              |
| 10   | 92-0770     | 1    | Pin-Roll, Spring              |
| 11   | 92-0771     | 1    | Pin-Roll, Spring              |
| 12   | 92-0787     | 1    | O-Ring                        |



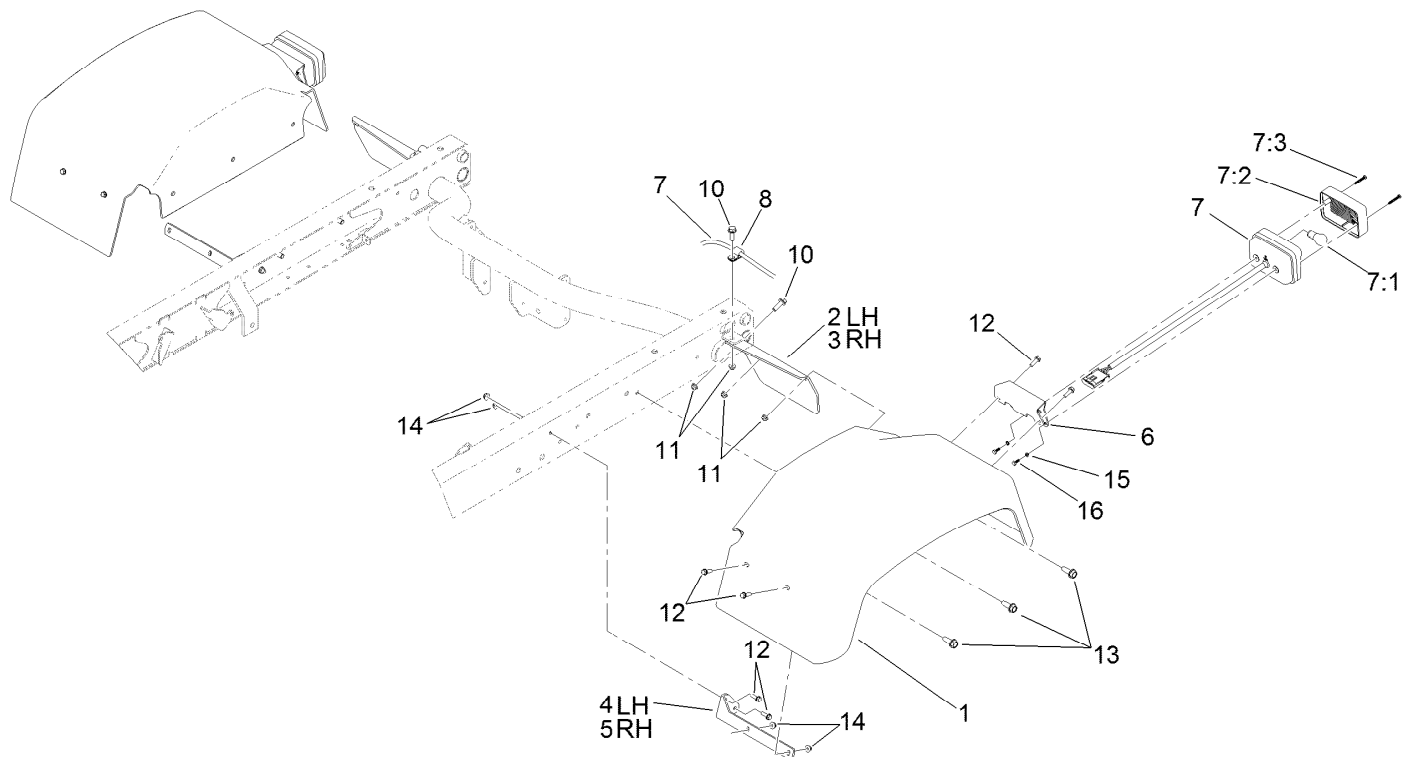
## Axle Shaft Assembly Transaxle Assembly No. 115-7783

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 92-0725            | 1           | Shaft-Axle, Left   |
| 2           | 92-0726            | 1           | Shaft-Axle, Right  |
| 3           | 92-0727            | 2           | Washer             |
| 4           | 92-0728            | 1           | Washer             |
| 5           | 92-0756            | 2           | Ring-Snap          |
| 6           | 92-0775            | 1           | Bearing            |
| 7           | 92-0780            | 1           | Bearing            |



## Battery Assembly

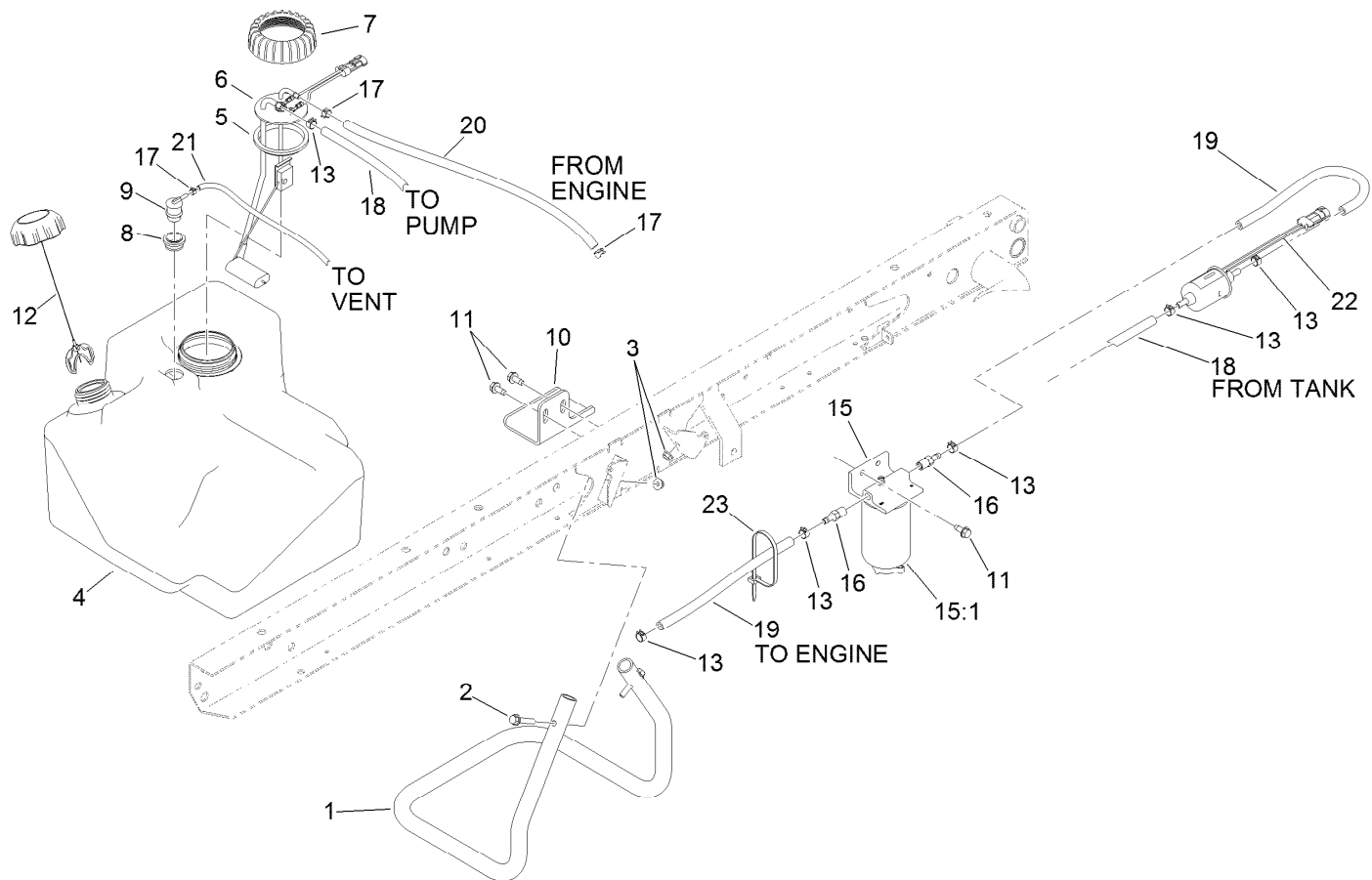
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 115-2237-03 | 1    | Tray-Battery            |
| 2    | 3230-6      | 1    | Bolt-CARR               |
| 3    | 66-2490     | 1    | Retainer-Battery        |
| 4    | 104-8300    | 3    | Nut-HF, NI              |
| 5    | 94-5780     | 2    | Screw-HWH               |
| 7    | 119-9496    | 1    | Cover-Battery           |
| 8    | 122-0204    | 1    | Cable-Battery, Positive |
| 9    | 122-1024    | 1    | Cable-Battery, Negative |
| 10   | 106-5187    | 1    | Battery-Dry             |
| 11   | 120-4839    | 1    | Screw-HHF               |



## Tail Light and Fender Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 132-6701    | 2    | Fender-Rear                |
| 2    | 93-8943-03  | 1    | Bracket-Fender, Rear (LH)  |
| 3    | 93-8944-03  | 1    | Bracket-Fender, Rear (RH)  |
| 4    | 93-8941-03  | 1    | Bracket-Fender, Front (LH) |
| 5    | 93-8942-03  | 1    | Bracket-Fender, Front (RH) |
| 6    | 121-6269-03 | 2    | Bracket-Light, Tail        |
| 7    | 120-4820    | 2    | Light-Tail, Brake          |
| 7:1  | 115-7858    | 1    | Bulb-7528                  |
| 7:2  | 121-6271    | 1    | Lens-Light, Tail           |

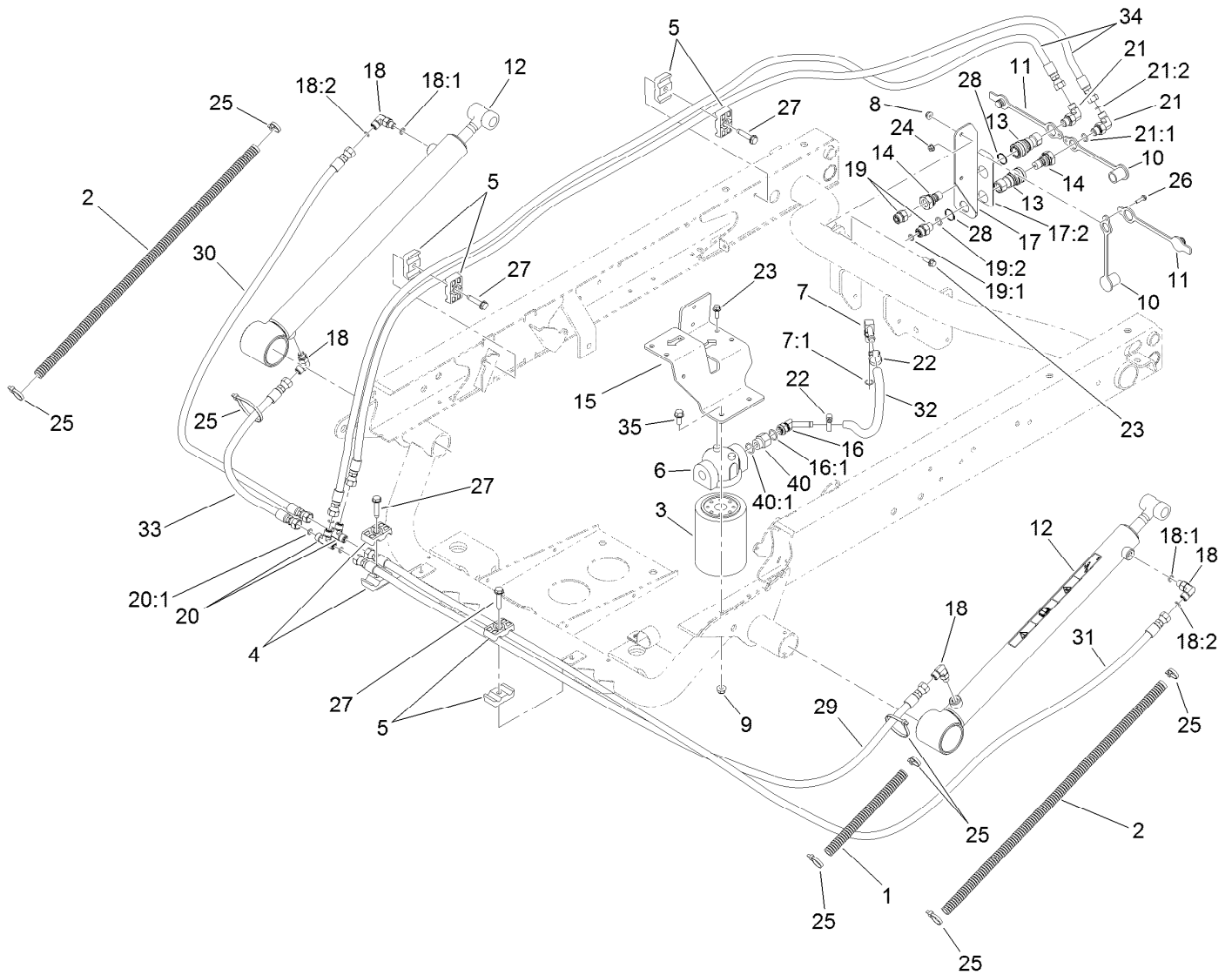
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 7:3  | 121-6272    | 2    | Screw-PPH           |
| 8    | 2412-93     | 2    | Clamp-R             |
| 10   | 3234-17     | 4    | Screw-HHF           |
| 11   | 104-8300    | 4    | Nut-HF, NI          |
| 12   | 32105-15    | 12   | Screw-HWH           |
| 13   | 105-6245    | 6    | Screw-Tapping       |
| 14   | 104-7201    | 12   | Nut-HF              |
| 15   | 43-5920     | 4    | Washer-Lock, Spring |
| 16   | 121-6320    | 4    | Screw-HH            |



## Fuel System Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 115-7767-03 | 1    | Tube-Support      |
| 2    | 94-5780     | 2    | Screw-HWH         |
| 3    | 104-8300    | 2    | Nut-HF, NI        |
| 4    | 119-0735    | 1    | Tank-Fuel         |
| 5    | 115-2163    | 1    | Gasket-Pump, Fuel |
| 6    | 114-8348    | 1    | Sender-Fuel       |
| 7    | 115-2162    | 1    | Cap-Pump, Fuel    |
| 8    | 114-0284    | 1    | Grommet           |
| 9    | 114-0285    | 1    | Valve-Rollover    |
| 10   | 114-8404    | 1    | Plate-Retainer    |
| 11   | 32144-70    | 4    | Screw-HWHTF       |
| 12   | 115-7789    | 1    | Cap-Fuel, Diesel  |

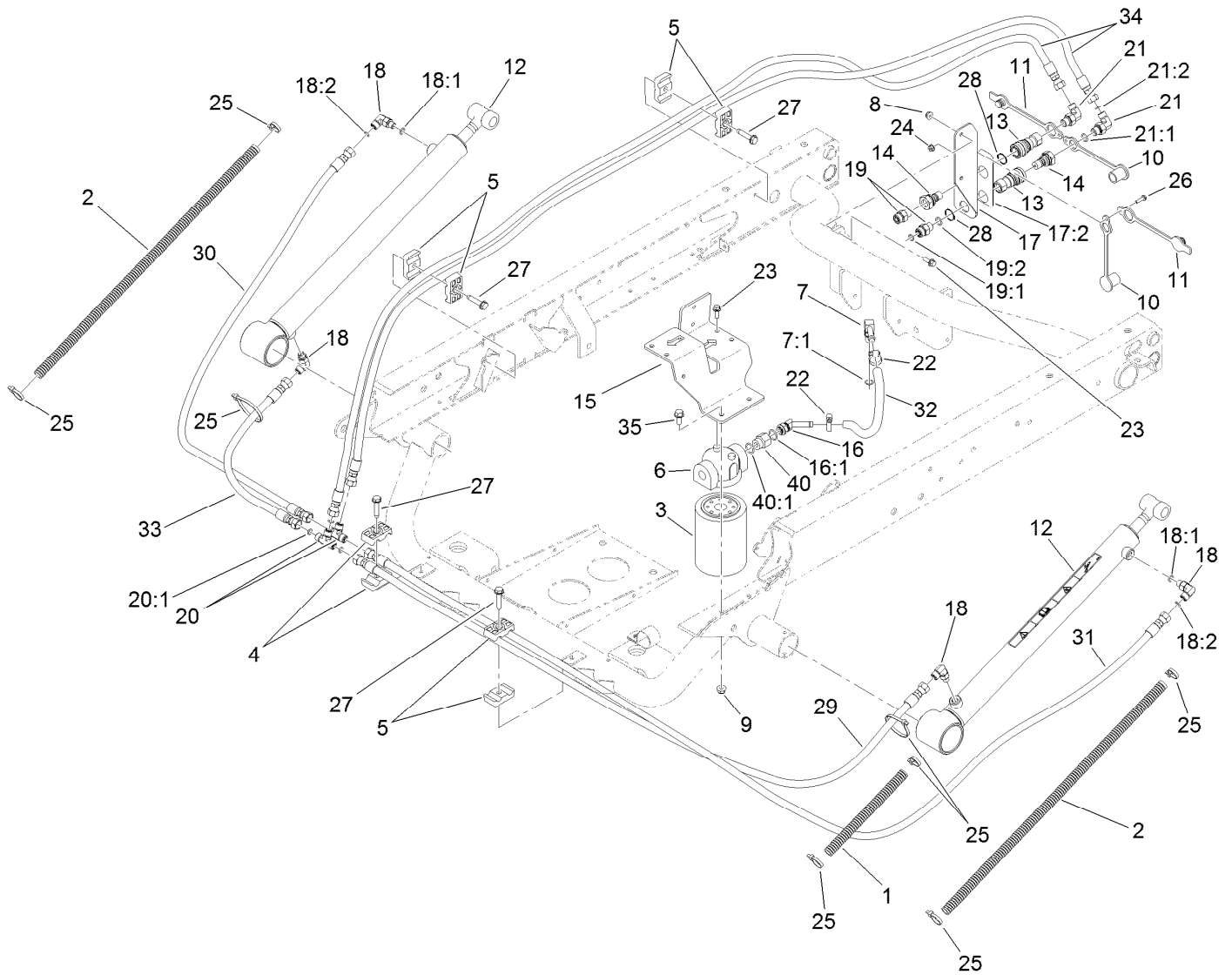
| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 13   | 92-2379     | 6    | Clamp-Hose       |
| 15   | 110-9044    | 1    | Separator-Filter |
| 15:1 | 110-9049    | 1    | Filter-Spin On   |
| 16   | 353-783     | 2    | Fitting-STR      |
| 17   | 2412-80     | 3    | Clamp-Hose       |
| 18   | 114-8206    | 1    | Hose-Fuel        |
| 19   | 110-4101    | 2    | Hose-Fuel        |
| 20   | 120-5022    | 1    | Hose-Fuel        |
| 21   | 110-8255    | 1    | Hose-Fuel        |
| 22   | 110-8806    | 1    | Pump-Fuel        |
| 23   | 3290-379    | 1    | Tie-Cable        |



## Hydraulic Lift Cylinder Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 24-7922     | 1    | Conduit-Convolved, Split |
| 2    | 24-7923     | 2    | Conduit-Convolved, Split |
| 3    | 54-0110     | 1    | Filter-Oil, Transmission |
| 4    | 56-7971     | 2    | Clamp-Tube               |
| 5    | 56-7976     | 6    | Clamp-Tube               |
| 6    | 87-8780     | 1    | Head-Filter              |
| 7    | 100-4887    | 1    | Fitting-Elbow, 90        |
| 7:1  | 237-42      | 1    | O-Ring                   |
| 8    | 104-7201    | 2    | Nut-HF                   |
| 9    | 104-8300    | 2    | Nut-HF, NI               |
| 10   | 106-7881    | 2    | Cap-Dust, HYD            |
| 11   | 106-7882    | 2    | Plug-Dust, HYD           |
| 12   | 133-0620    | 2    | HYD Cylinder ASM         |
| 13   | 106-7968    | 2    | Coupler-Quick, Female    |
| 14   | 106-7969    | 2    | Coupler-Quick, Male      |
| 15   | 115-2168-03 | 1    | Bracket-Filter           |
| 16   | 103-1807    | 1    | Fitting-Barbed, 45 DEG   |
| 16:1 | 237-42      | 1    | O-Ring                   |
| 17   | 115-7715    | 1    | Coupler Bracket ASM      |
| 17:2 | 115-7723    | 1    | Decal-Disconnect, Quick  |
| 18   | 340-132     | 4    | Fitting-Elbow, 90 DEG    |

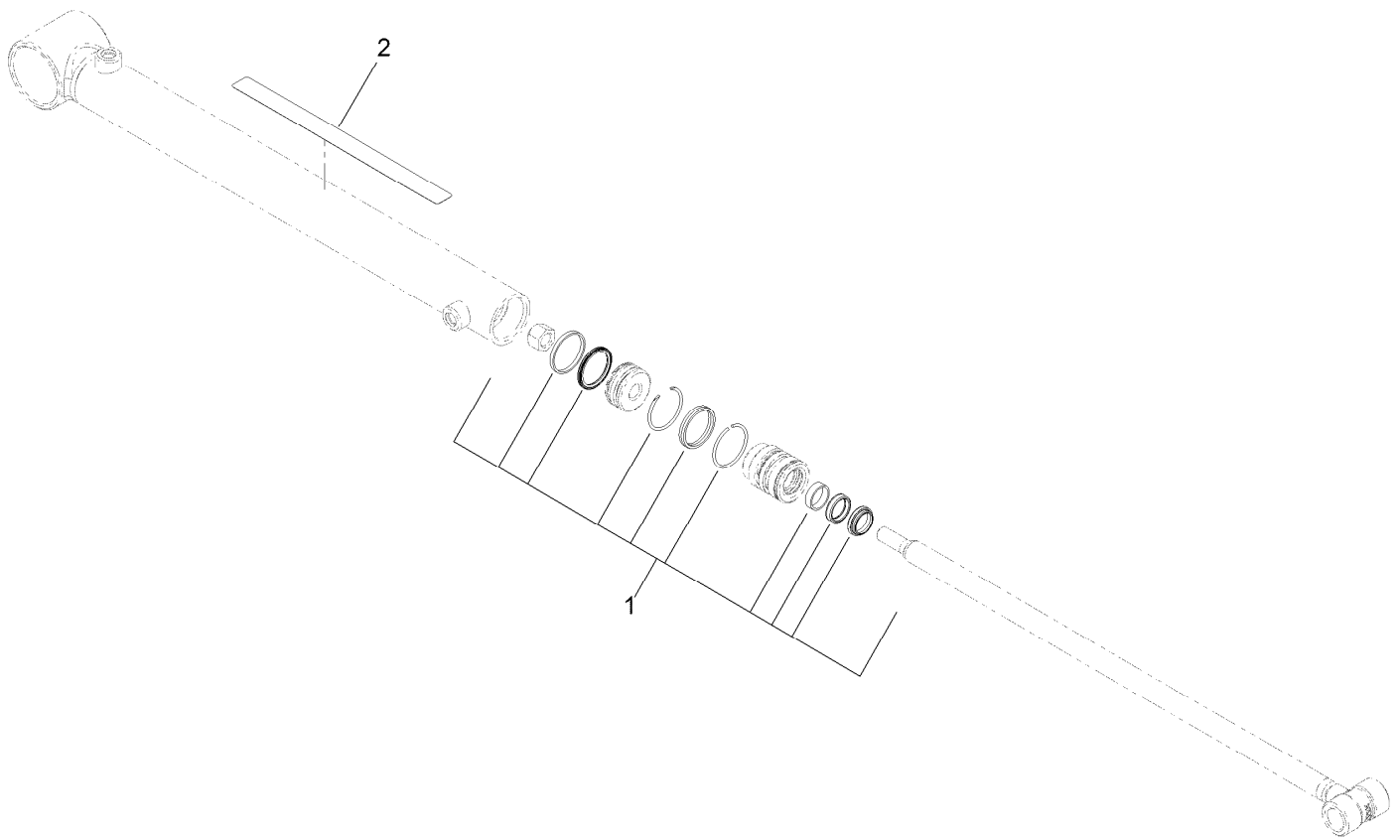
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 18:1 | 237-78      | 1    | O-Ring                |
| 18:2 | 237-21      | 1    | O-Ring                |
| 19   | 340-2       | 2    | Fitting-Straight      |
| 19:1 | 237-22      | 1    | O-Ring                |
| 19:2 | 237-42      | 1    | O-Ring                |
| 20   | 340-21      | 2    | Fitting               |
| 20:1 | 237-21      | 3    | O-Ring                |
| 21   | 340-82      | 2    | Fitting-Elbow, 90 DEG |
| 21:1 | 237-42      | 1    | O-Ring                |
| 21:2 | 237-21      | 1    | O-Ring                |
| 22   | 2412-36     | 2    | Clamp-Hose            |
| 23   | 3234-4      | 4    | Screw-HHF             |
| 24   | 3290-148    | 1    | Nut-HF                |
| 25   | 3290-379    | 6    | Tie-Cable             |
| 26   | 32105-13    | 1    | Screw-HWH             |
| 27   | 32144-57    | 4    | Screw                 |
| 28   | 32151-83    | 2    | Ring-Snap             |
| 29   | 115-7711    | 1    | Hose-HYD              |
| 30   | 108-6508    | 1    | Hose-HYD              |
| 31   | 104-3716    | 1    | Hose-HYD              |
| 32   | 115-2228    | 1    | Hose-HYD              |



## Hydraulic Lift Cylinder Assembly (continued)

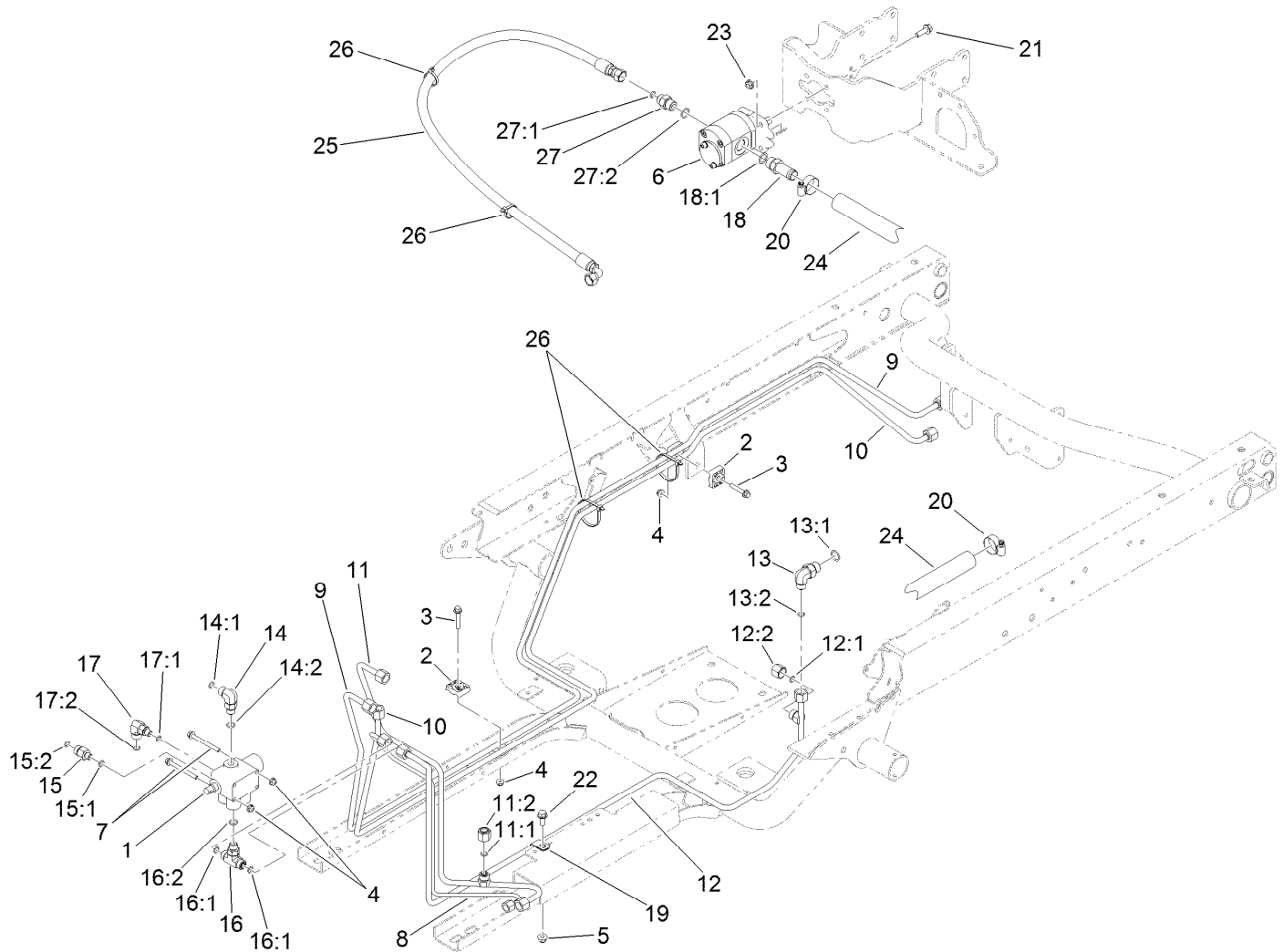
| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 33   | 110-0931    | 1    | Hose-HYD    |
| 34   | 106-3680    | 2    | Hose-HYD    |
| 35   | 3234-5      | 2    | Screw-HHF   |

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 40   | 353-397     | 1    | Reducer-Adapter |
| 40:1 | 237-79      | 1    | O-Ring          |



## Hydraulic Cylinder Assembly No. 133-0620

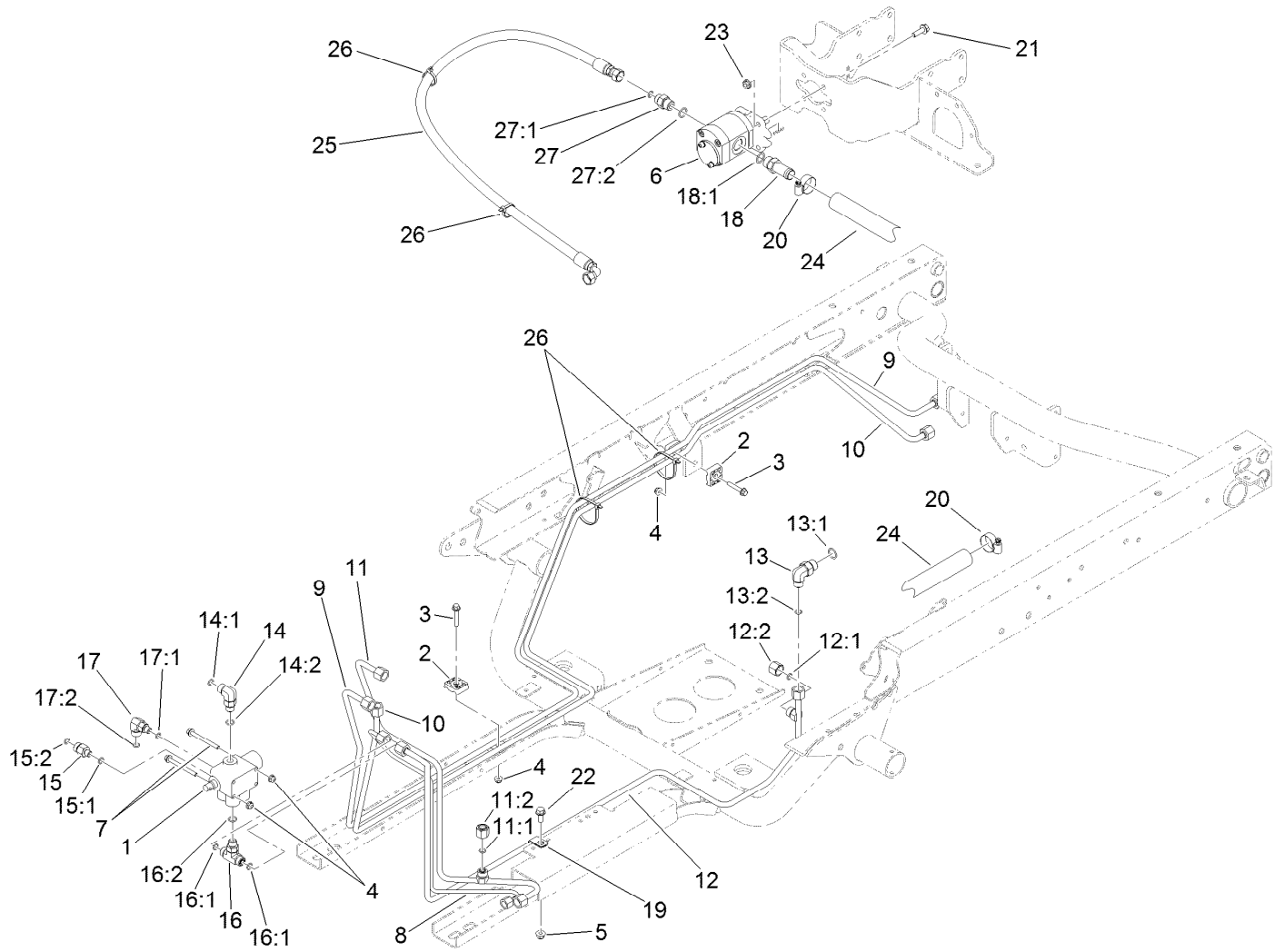
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 133-0618           | 1           | Cylinder Seal Kit  |
| 2           | 93-9852            | 1           | Decal-Warning      |



## Main Hydraulic Pump and Lift Valve Assembly

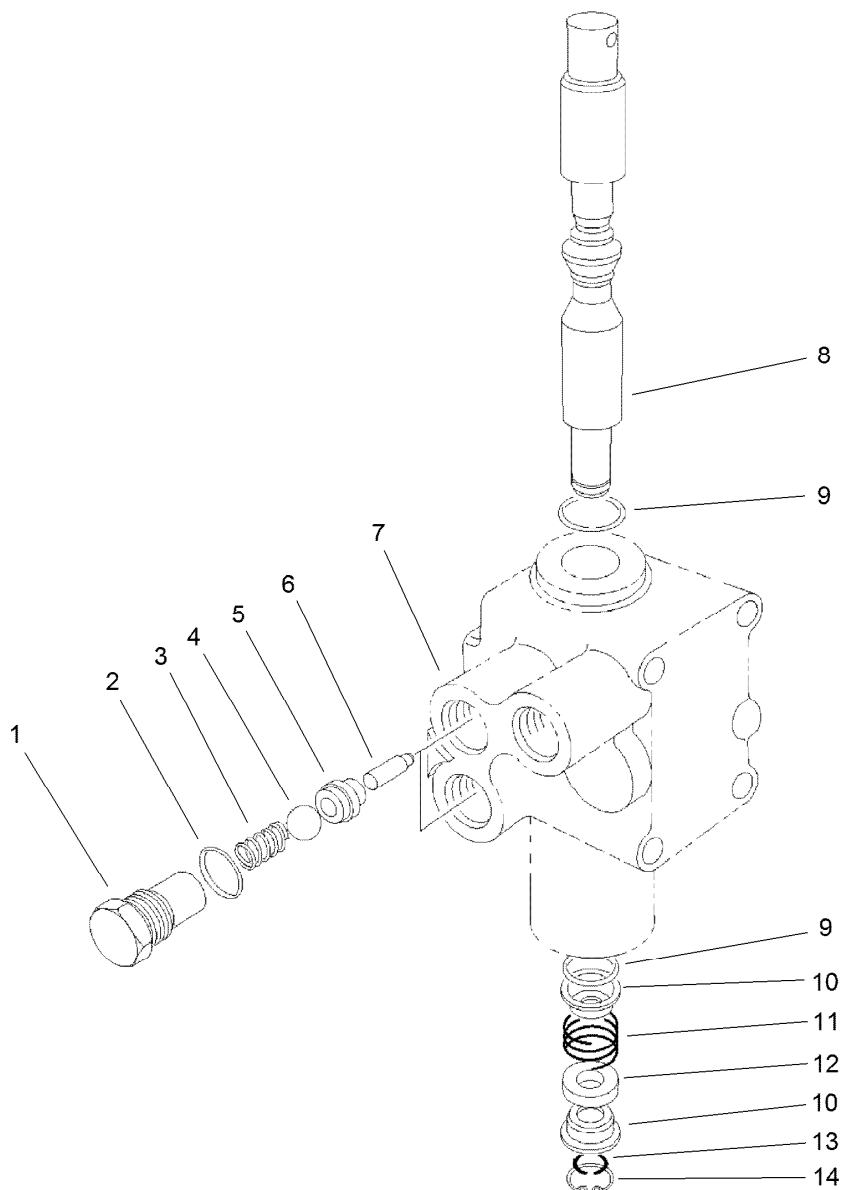
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 43-1950     | 1    | HYD Control Valve ASM |
| 2    | 56-7973     | 4    | Clamp-Tube            |
| 3    | 94-5781     | 2    | Screw-HHF             |
| 4    | 104-7201    | 4    | Nut-HF                |
| 5    | 104-8300    | 1    | Nut-HF, NI            |
| 6    | 114-8302    | 1    | HYD Pump ASM          |
| 7    | 114-8410    | 2    | Screw-HHF             |
| 8    | 127-8605    | 1    | Tube-HYD              |
| 9    | 115-2217    | 1    | Tube-HYD              |
| 10   | 115-2218    | 1    | Tube-HYD              |
| 11   | 127-8604    | 1    | Tube-HYD              |
| 11:1 | 237-22      | 1    | O-Ring                |
| 11:2 | 340-117     | 1    | Cap                   |
| 12   | 127-8752    | 1    | Tube-HYD              |
| 12:1 | 237-22      | 1    | O-Ring                |
| 12:2 | 340-117     | 1    | Cap                   |
| 13   | 340-18      | 1    | Fitting-HYD, 90 DEG   |
| 13:1 | 237-79      | 1    | O-Ring                |
| 13:2 | 237-22      | 1    | O-Ring                |
| 14   | 340-77      | 1    | Fitting-Elbow, 90 DEG |
| 14:1 | 237-22      | 1    | O-Ring                |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 14:2 | 237-42      | 1    | O-Ring                |
| 15   | 340-88      | 1    | Fitting-Straight      |
| 15:1 | 237-22      | 1    | O-Ring                |
| 15:2 | 237-78      | 1    | O-Ring                |
| 16   | 340-94      | 1    | Adapter               |
| 16:1 | 237-22      | 2    | O-Ring                |
| 16:2 | 237-42      | 1    | O-Ring                |
| 17   | 340-97      | 1    | Fitting-Elbow, 90 DEG |
| 17:1 | 237-22      | 1    | O-Ring                |
| 17:2 | 237-78      | 1    | O-Ring                |
| 18   | 354-136     | 1    | Fitting-STR           |
| 18:1 | 237-80      | 1    | O-Ring                |
| 19   | 2412-113    | 1    | Clamp-R               |
| 20   | 2412-129    | 2    | Clamp-Hose            |
| 21   | 3234-17     | 4    | Screw-HHF             |
| 22   | 3234-5      | 1    | Screw-HHF             |
| 23   | 32128-20    | 4    | Nut-HF                |
| 24   | 87-3670     | 1    | Hose-Suction          |
| 25   | 121-6283    | 1    | Hose-HYD              |
| 26   | 3290-379    | 4    | Tie-Cable             |
| 27   | 340-3       | 1    | Fitting-Straight      |



## Main Hydraulic Pump and Lift Valve Assembly (continued)

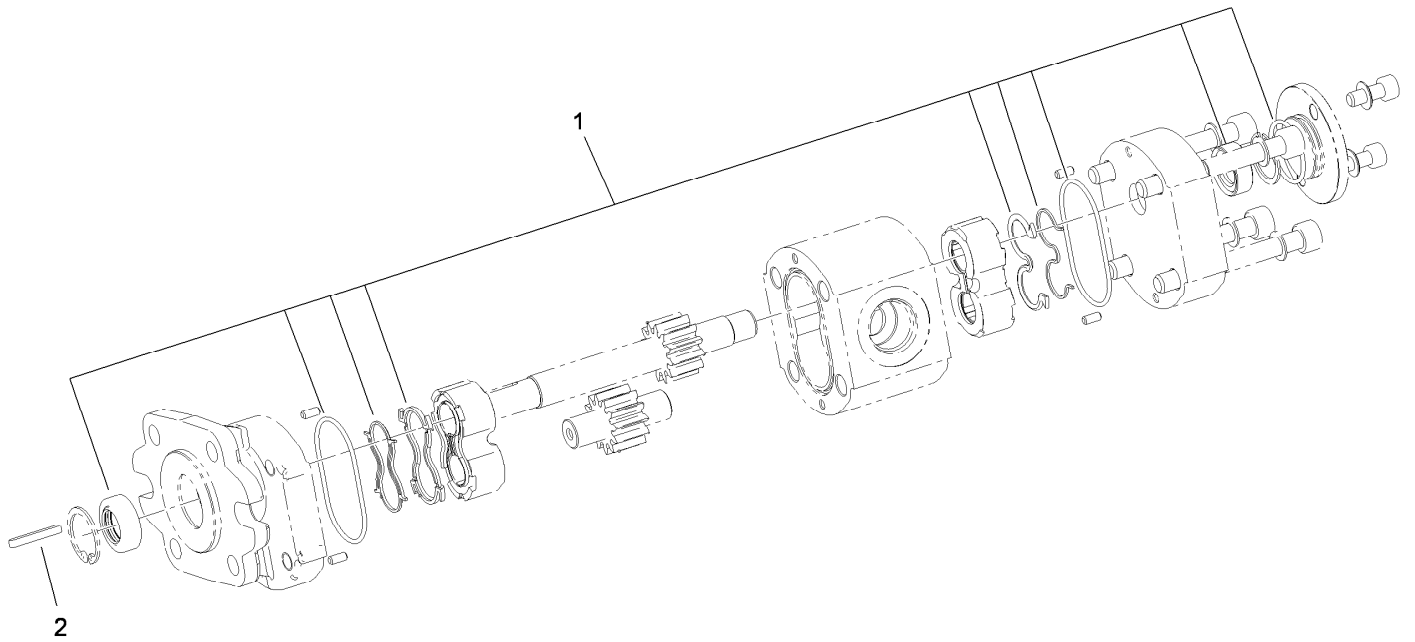
| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 27:1 | 237-22      | 1    | O-Ring      |
| 27:2 | 237-79      | 1    | O-Ring      |



## Control Valve Assembly No. 43-1950

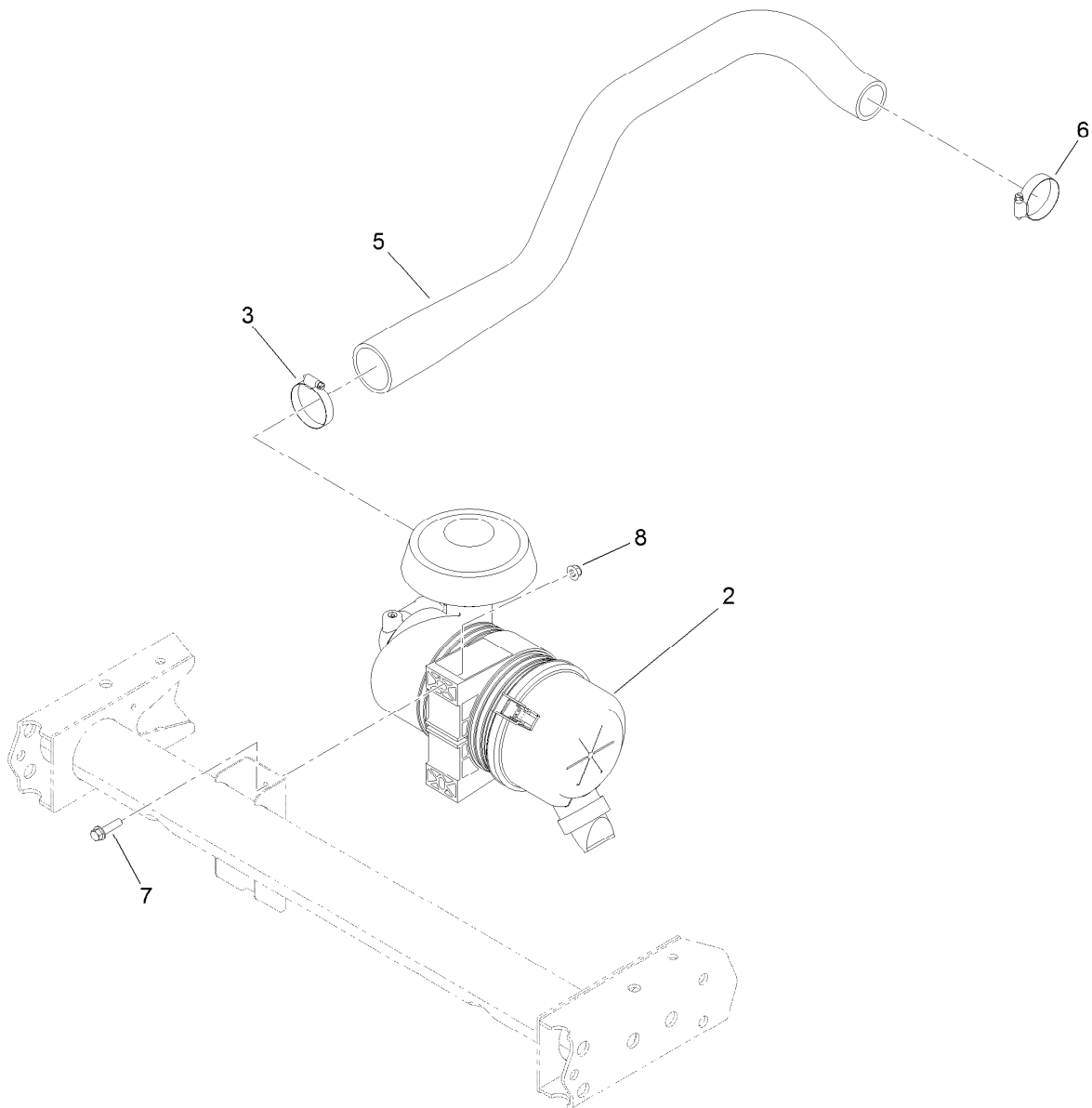
| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 1    | 22-8330     | 2    | Plug        |
| 2    | 237-42      | 2    | O-Ring      |
| 3    | 22-8340     | 2    | Spring      |
| 4    | 22-8350     | 2    | Ball        |
| 5    | 22-8370     | 2    | Seat-Valve  |
| 6    | 22-8360     | 2    | Pin         |
| 7    |             | 1    | Body ●      |
| 8    | 22-8420     | 1    | Spool       |
| 9    | 22-8500     | 2    | O-Ring      |
| 10   | 22-8380     | 2    | Retainer    |
| 11   | 22-8410     | 1    | Spring      |
| 12   | 23-3030     | 1    | Spacer      |
| 13   | 22-8480     | 1    | Ring-Snap   |
| 14   | 22-8490     | 1    | Ring-Snap   |

● Not serviced separately



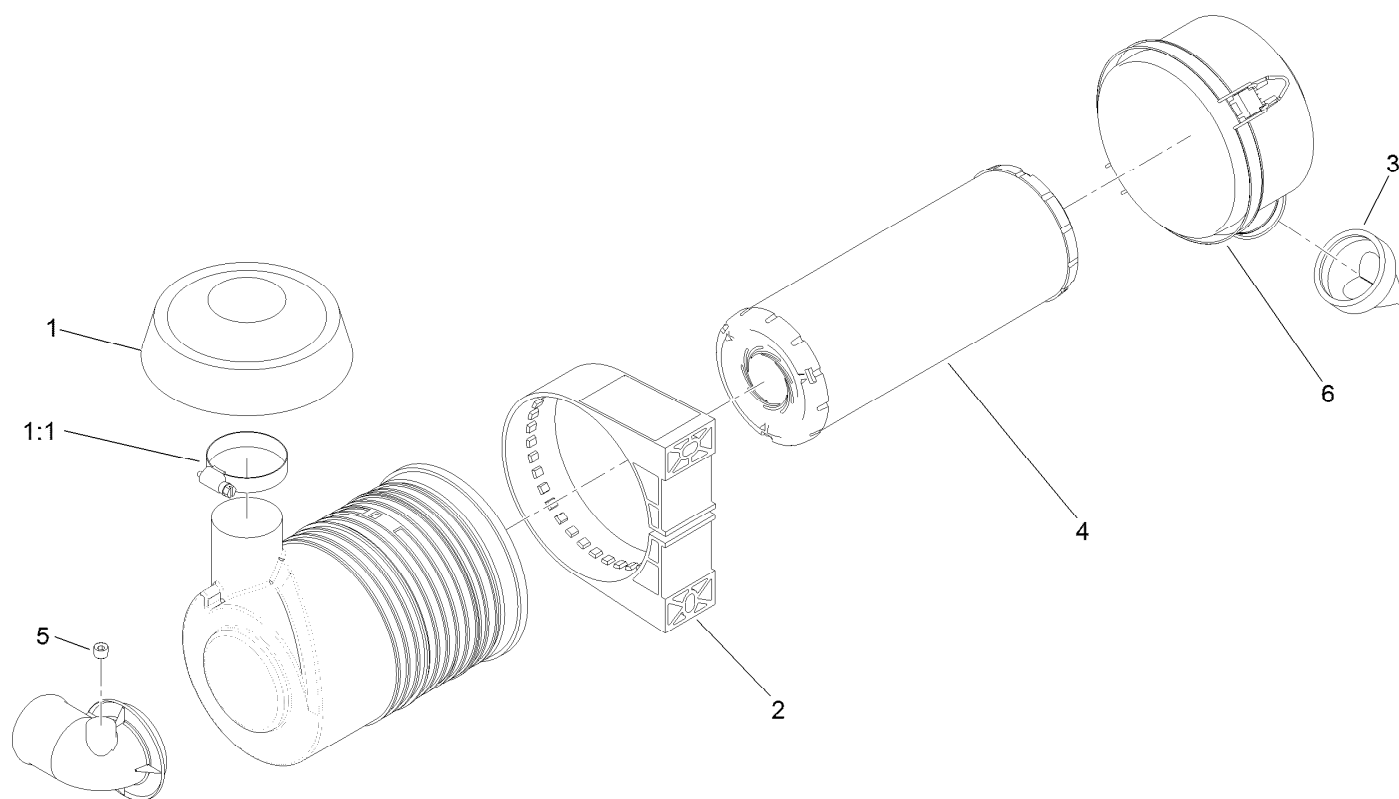
## Hydraulic Gear Pump Assembly No. 114-8302

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 115-8696           | 1           | Seal Kit           |
| 2           | 115-7855           | 1           | Key-Square         |



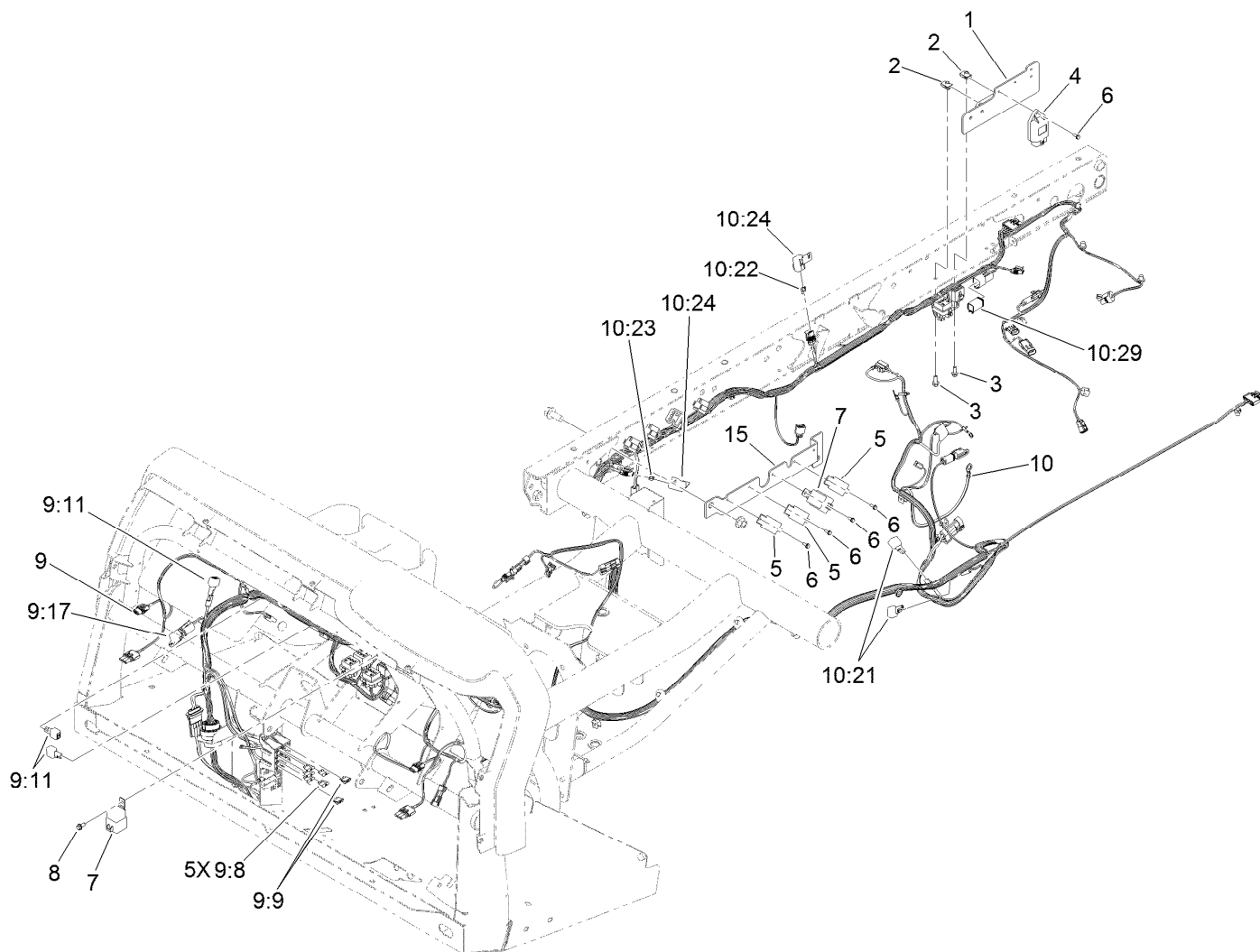
## Air Cleaner Assembly

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 2    | 138-5650    | 1    | Air Cleaner ASM           |
| 3    | 2412-130    | 1    | Clamp-Hose                |
| 5    | 120-5097    | 1    | Hose-Intake, Air (Diesel) |
| 6    | 2412-3      | 1    | Clamp-Hose                |
| 7    | 3234-36     | 2    | Screw-HHF                 |
| 8    | 104-8300    | 2    | Nut-HF, NI                |



## Air Cleaner Assembly No. 138-5650

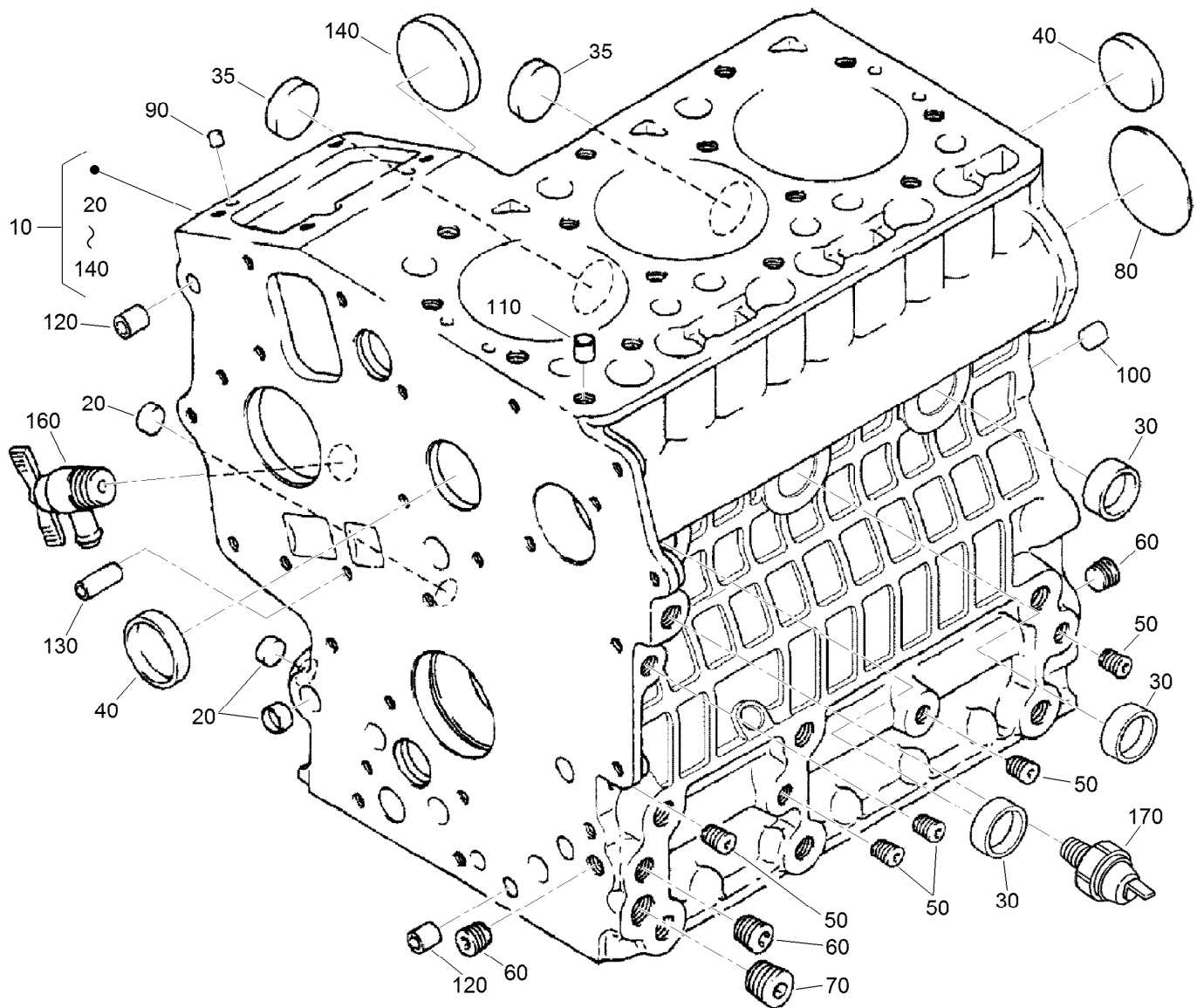
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 105-2539    | 1    | Cap                  |
| 1:1  | 2412-130    | 1    | Clamp-Hose           |
| 2    | 98-4525     | 1    | Bracket-Cleaner, Air |
| 3    | 87-9400     | 1    | Valve-Vacuator       |
| 4    | 108-3810    | 1    | Filter-Air           |
| 5    | 285-17      | 1    | Plug-Pipe            |
| 6    | 98-9771     | 1    | Cover ASM            |



## Front and Rear Wire Harness Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 132-6714-03 | 1    | Bracket-Mount, Filter |
| 2    | 107069      | 2    | Clip                  |
| 3    | 3234-4      | 2    | Screw-HHF             |
| 4    | 98-7611     | 1    | Controller-Glow       |
| 5    | 99-7435     | 3    | Relay                 |
| 6    | 32144-112   | 5    | Screw-HWH             |
| 7    | 99-7430     | 2    | Relay-Mini            |
| 8    | 32144-10    | 1    | Screw-HWH             |
| 9    | 122-1447    | 1    | Harness-Wire, Front   |
| 9:8  | 218-578     | 5    | Fuse-Blade, 10 Amp    |

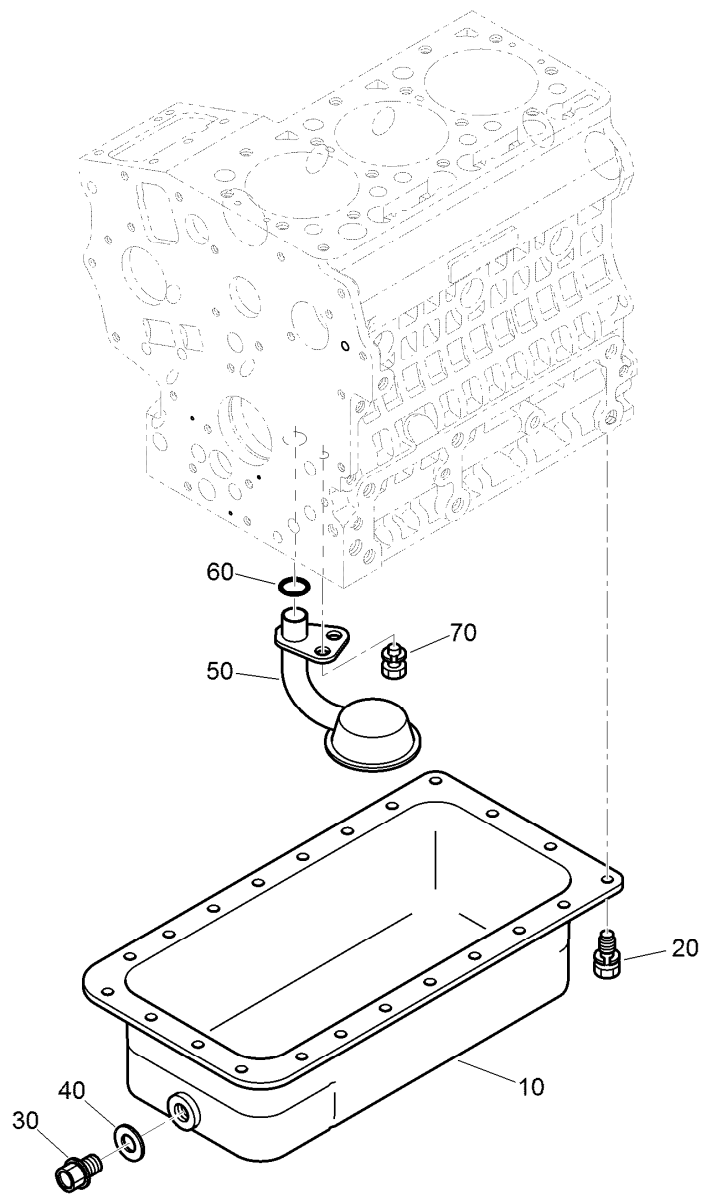
| Ref.  | Part Number | Qty. | Description                 |
|-------|-------------|------|-----------------------------|
| 9:9   | 109355      | 2    | Fuse-Blade, 15 Amp          |
| 9:11  | 100-4918    | 3    | Diode                       |
| 9:17  | 32180-156   | 1    | Cap-Plug, 6 Way             |
| 10    | 122-0901    | 1    | Harness-Wire, Diesel (Rear) |
| 10:21 | 100-4918    | 2    | Diode                       |
| 10:22 | 121-8867    | 1    | Fuse-Mini Blade, 15 Amp     |
| 10:23 | 121-8870    | 1    | Fuse-Mini Blade, 30 Amp     |
| 10:24 | 32180-101   | 2    | Cover-Fuse, Single          |
| 10:29 | 122-1131    | 1    | Capacitor-Sealed            |
| 15    | 132-6713-03 | 1    | Bracket-Mount, Relay        |



## Crankcase Assembly

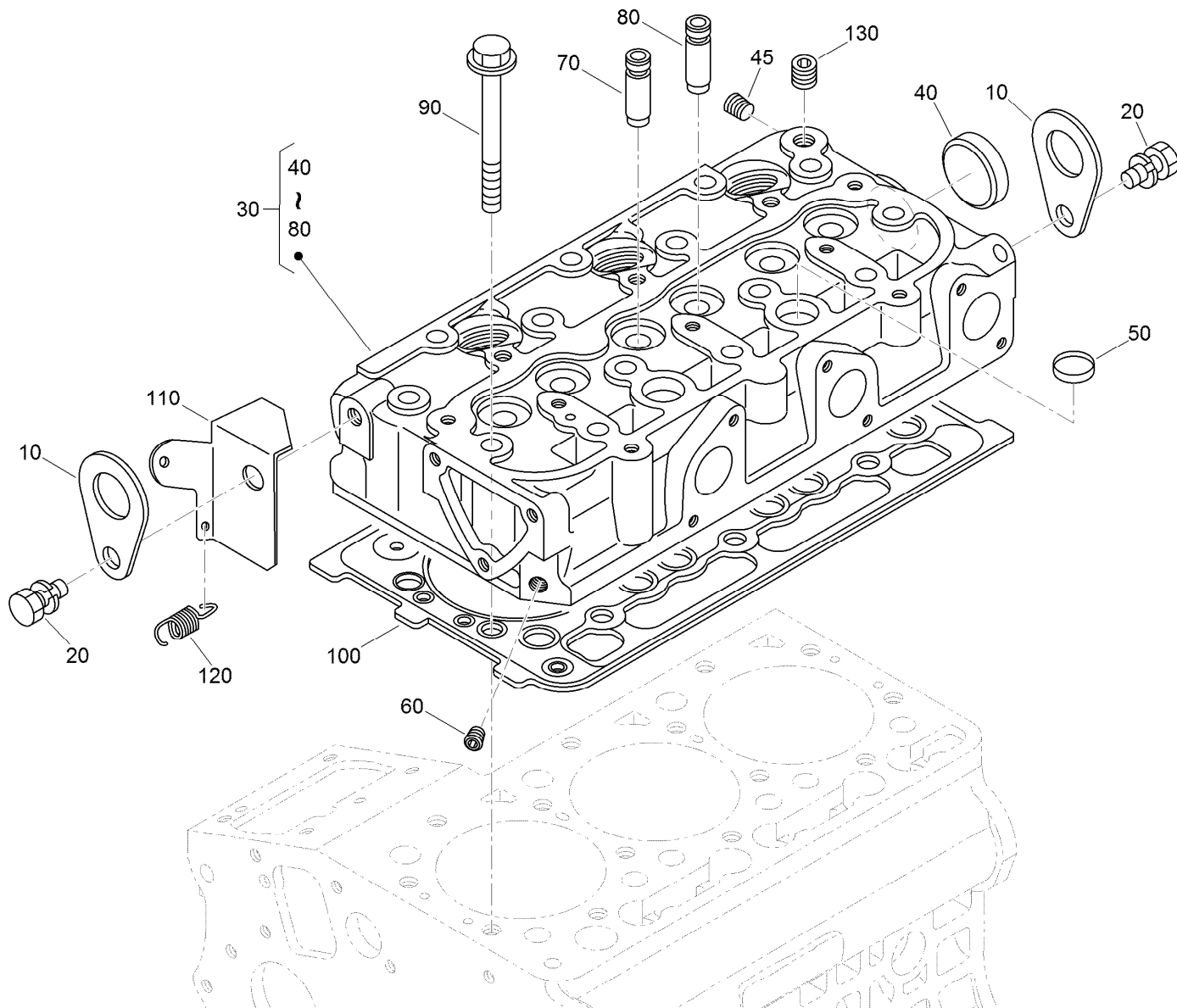
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 10   | 120-3120    | 1    | Crankcase ASM  |
| 20   | 100-2019    | 3    | Cap-Sealing    |
| 30   | 100-2020    | 3    | Cap-Sealing    |
| 35   | 110-3702    | 2    | Cap-Sealing    |
| 40   | 98-9398     | 2    | Cap-Sealing    |
| 50   | 98-9687     | 5    | Plug           |
| 60   | 98-7487     | 3    | Plug           |
| 70   | 98-7488     | 1    | Plug           |
| 80   | 100-1851    | 1    | Plug-Expansion |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 90   | 98-9375     | 2    | Pin-Straight         |
| 100  | 98-9377     | 2    | Pin-Straight         |
| 110  | 98-7506     | 1    | Pin-Pipe             |
| 120  | 100-2051    | 2    | Pin-Pipe             |
| 130  | 100-2051    | 2    | Pin-Pipe             |
| 140  | 100-1991    | 1    | Cover-Fuel, Camshaft |
| 160  | 120-3121    | 1    | Draincock ASM        |
| 170  | 98-9416     | 1    | Switch-Oil           |



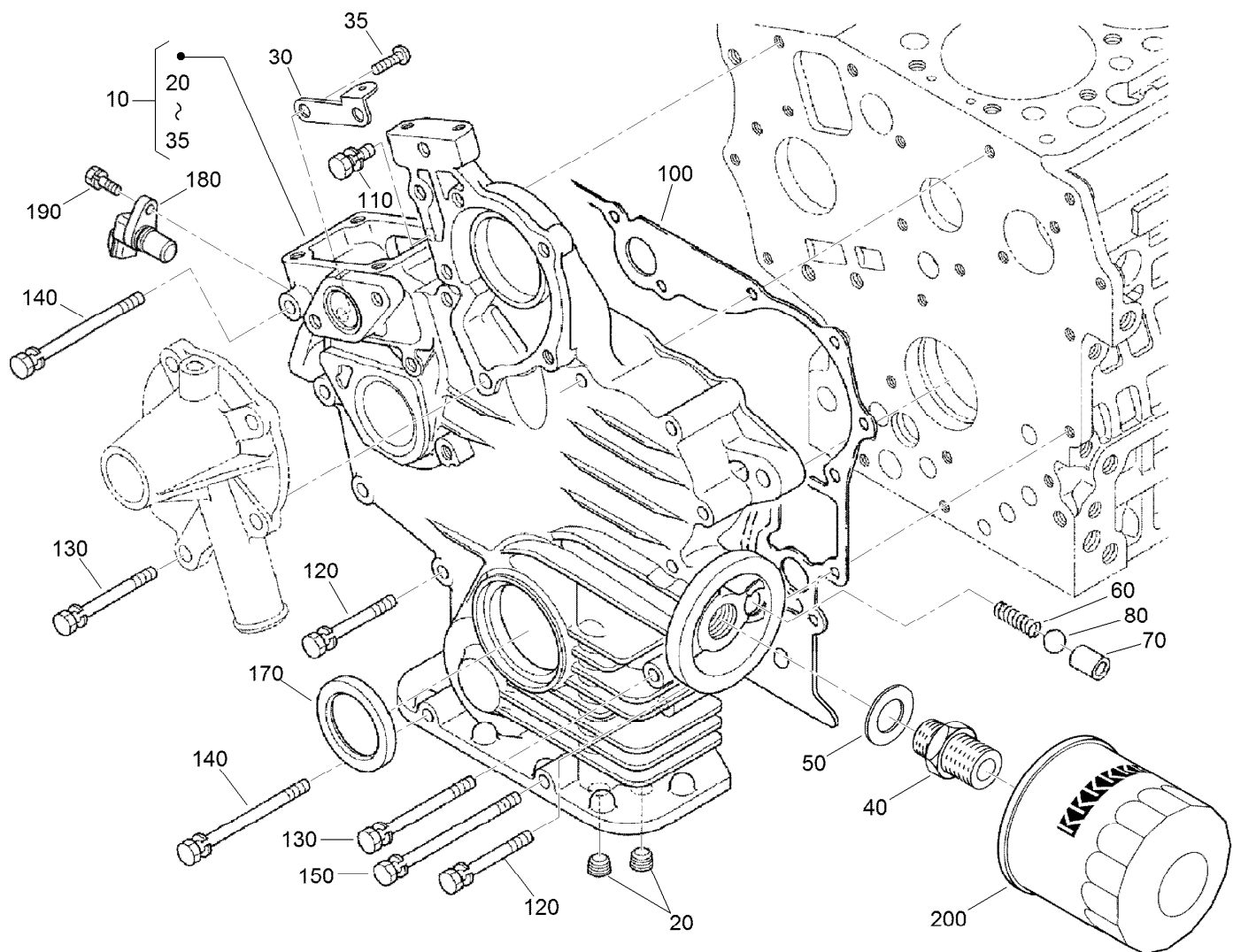
## Oil Pan Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 10   | 125-9056    | 1    | Oil Pan ASM       |
| 20   | 98-9350     | 22   | Bolt              |
| 30   | 114-8151    | 1    | Plug-Drain        |
| 40   | 98-7524     | 1    | Gasket            |
| 50   | 125-9052    | 1    | Tube-Pick Up, Oil |
| 60   | 105-3776    | 1    | O-Ring            |
| 70   | 100-9195    | 1    | Bolt              |



## Cylinder Head Assembly

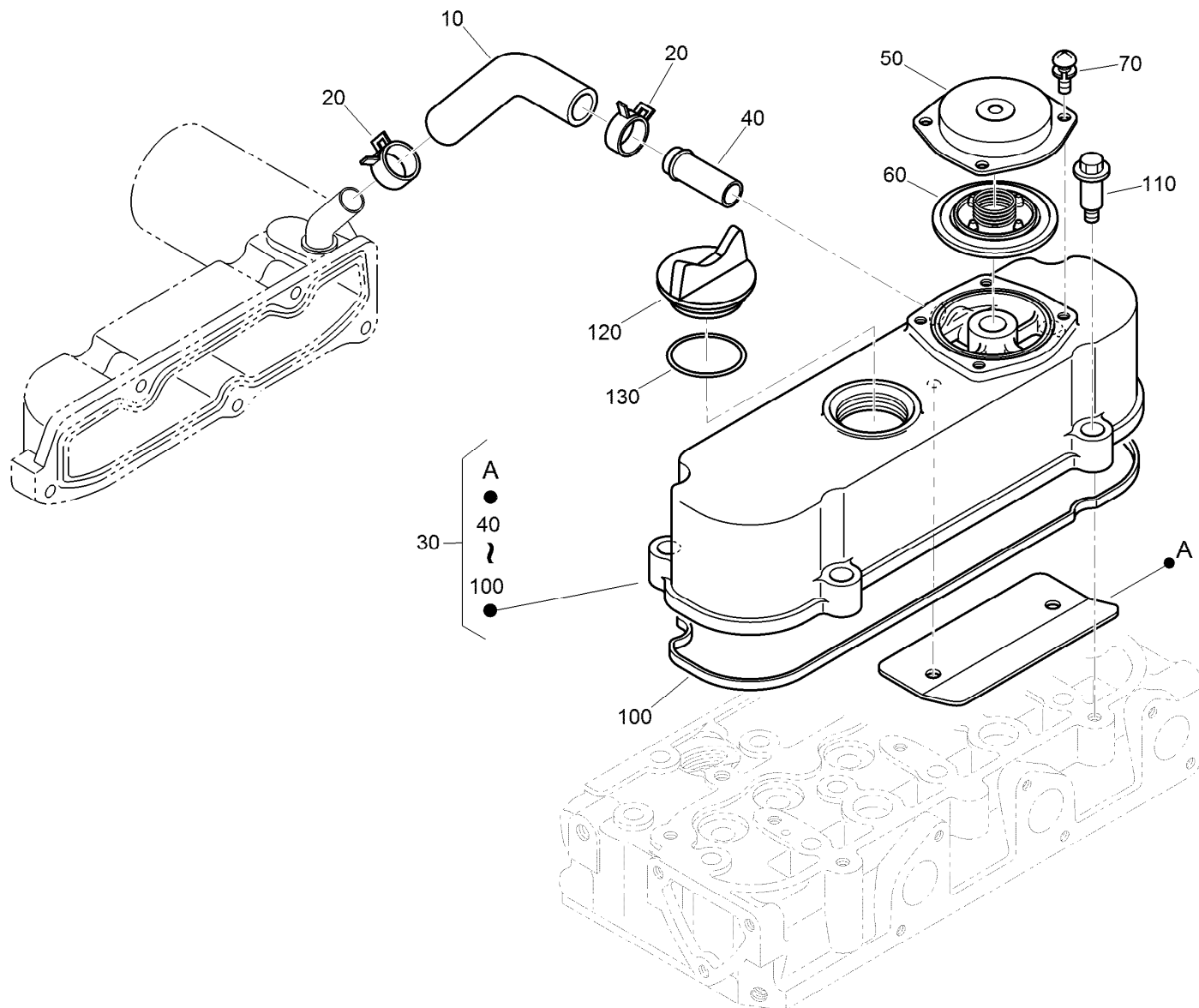
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 98-7531     | 2    | Hook-Engine           |
| 20   | 98-7526     | 2    | Bolt                  |
| 30   | 130-1533    | 1    | Cylinder Head ASM     |
| 40   | 105-3705    | 1    | Cap-Sealing           |
| 45   | 125-9062    | 1    | Plug                  |
| 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  | 121-3810    | 1    | Stay                  |
| 120  | 121-3820    | 1    | Spring-Return         |
| 130  | 98-9444     | 1    | Plug                  |



## Gear Case and Oil Filter Cartridge Assembly

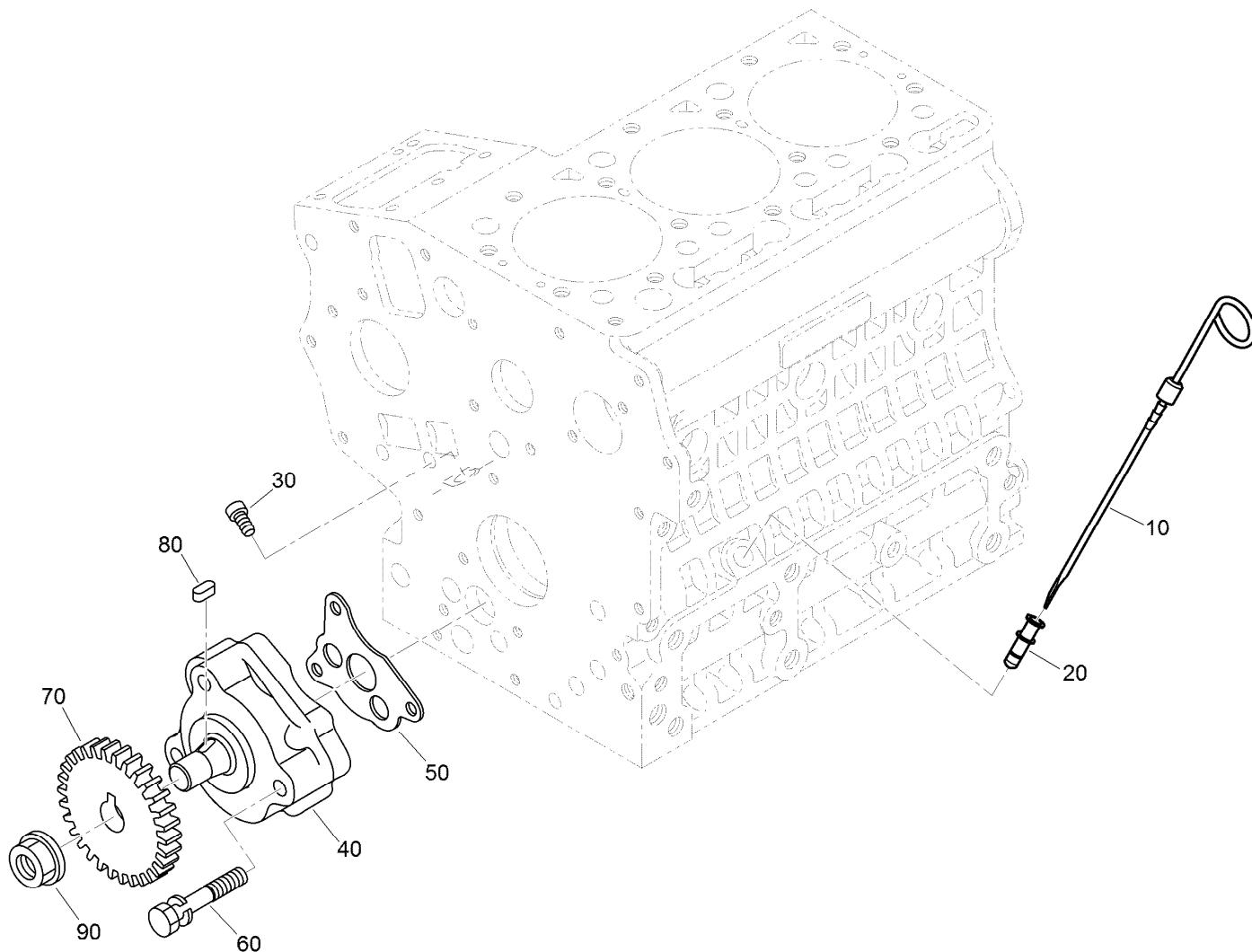
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 125-9057    | 1    | Gear Case ASM      |
| 20   | 98-7488     | 2    | Plug               |
| 30   | 110-3708    | 1    | Stay-Spring, Start |
| 35   | 100-2040    | 2    | Screw              |
| 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               |
| 100  | 117-0327    | 1    | Gasket-Case, Gear  |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 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  | 125-9058    | 1    | Sensor-Revolution  |
| 190  | 98-7692     | 1    | Bolt               |
| 200  | 115-8189    | 1    | Filter-Oil, Engine |



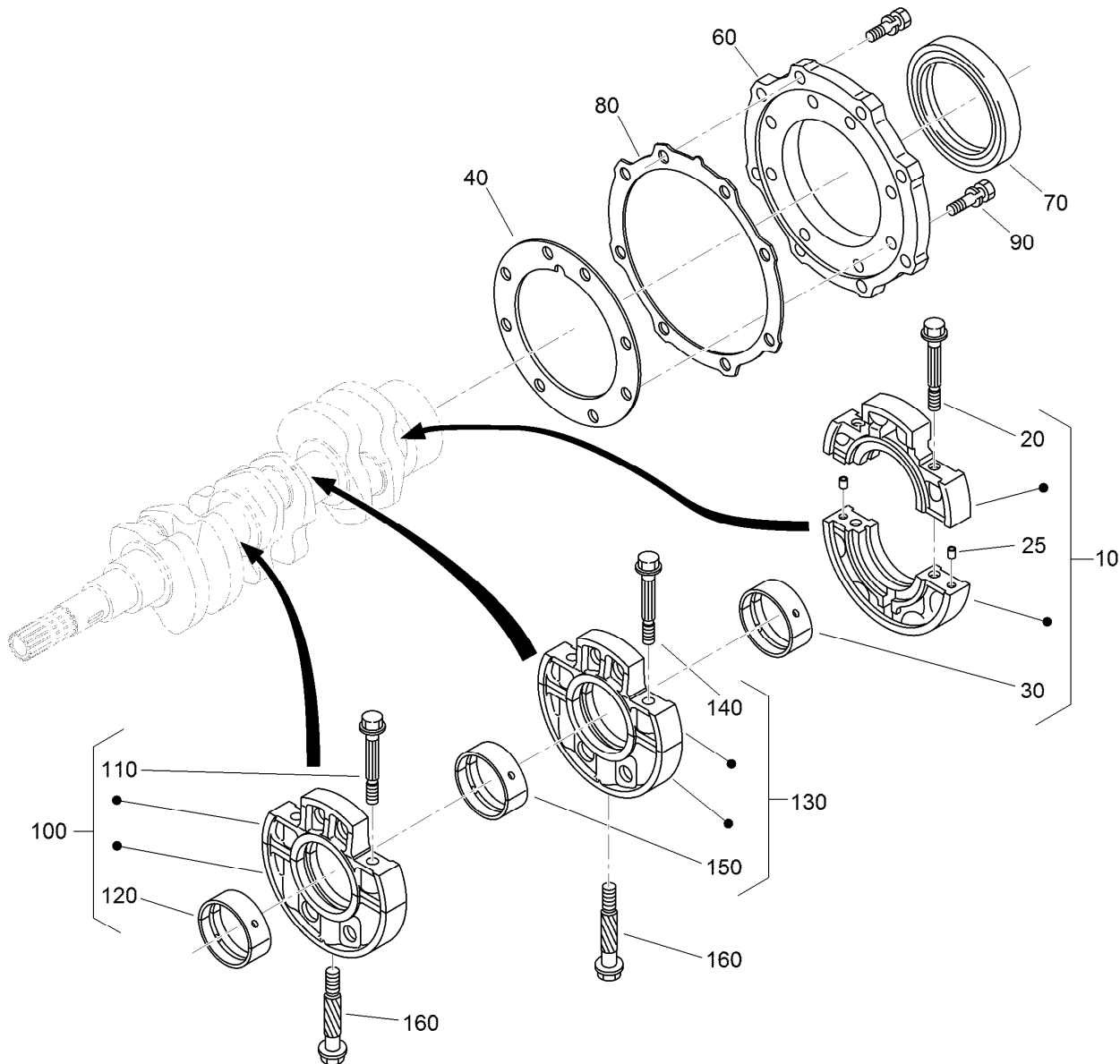
## Cylinder Head Cover Assembly

| 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                  |



## Oil Pump and Dipstick Assembly

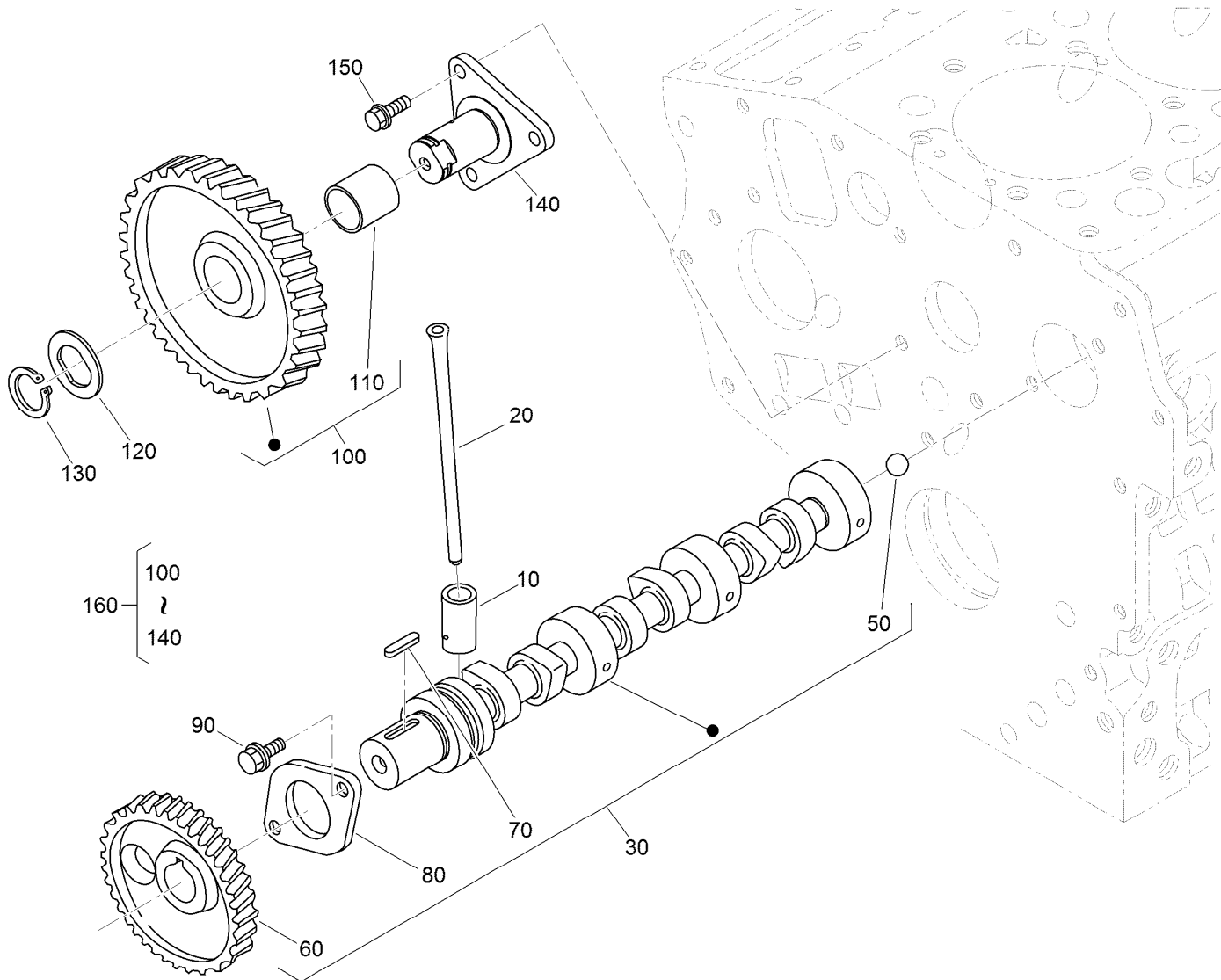
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 110-3719    | 1    | Gauge-Oil            |
| 20   | 105-4580    | 1    | Guide-Gauge, Oil     |
| 30   | 110-3720    | 1    | Plug-Gauge, Oil      |
| 40   | 100-2002    | 1    | Oil Pump ASM         |
| 50   | 100-2003    | 1    | Gasket-Pump, Oil     |
| 60   | 100-1923    | 3    | Bolt                 |
| 70   | 130-1419    | 1    | Gear-Drive, Oil Pump |
| 80   | 98-7658     | 1    | Key-Feather          |
| 90   | 100-1779    | 1    | Nut-Flange           |



## Main Bearing Case Assembly

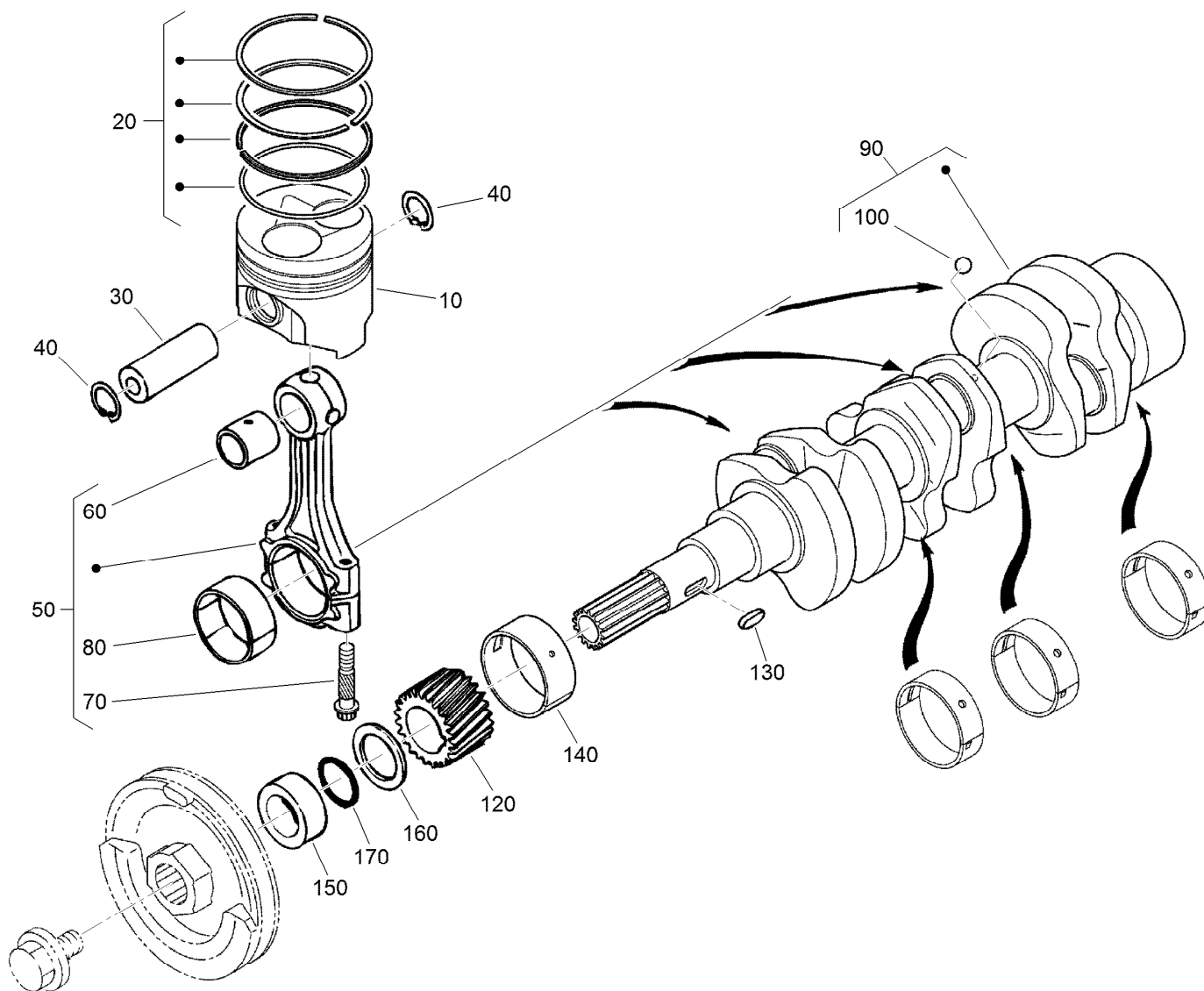
| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 10   | 125-9064    | 1    | Wheel Bearing Case ASM         |
| 20   | 125-9065    | 2    | Bolt-Flange                    |
| 25   | 125-9082    | 2    | Pin-Straight                   |
| 30   | 125-9066    | 1    | Crankshaft Metal ASM (STD)     |
| 30   | 125-9067    | 1    | Crankshaft Metal ASM (-0.20Mm) |
| 30   | 125-9068    | 1    | Crankshaft Metal ASM (-0.40Mm) |
| 40   | 117-0304    | 1    | Gasket-Case, Bearing           |
| 60   | 112-8334    | 1    | Cover-Case, Bearing            |
| 70   | 110-3724    | 1    | Seal-Oil                       |
| 80   | 100-1876    | 1    | Gasket-Cover, Case             |
| 90   | 100-1750    | 16   | Bolt                           |
| 100  | 110-3725    | 1    | Main Bearing Case ASM          |
| 110  | 110-3723    | 2    | Bolt-Case, Bearing             |

| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 120  | 110-3741    | 1    | Crankshaft Metal ASM (STD)     |
| 120  | 125-9083    | 1    | Crankshaft Metal ASM (-0.20Mm) |
| 120  | 110-3743    | 1    | Crankshaft Metal ASM (-0.40Mm) |
| 130  | 125-9069    | 1    | Main Case Bearing ASM          |
| 140  | 110-3723    | 2    | Bolt-Case, Bearing             |
| 150  | 110-3741    | 1    | Crankshaft Metal ASM (STD)     |
| 150  | 125-9083    | 1    | Crankshaft Metal ASM (-0.20Mm) |
| 150  | 110-3743    | 1    | Crankshaft Metal ASM (-0.40Mm) |
| 160  | 100-1874    | 2    | Bolt-Case, Bearing             |



## Camshaft and Idle Gear Shaft Assembly

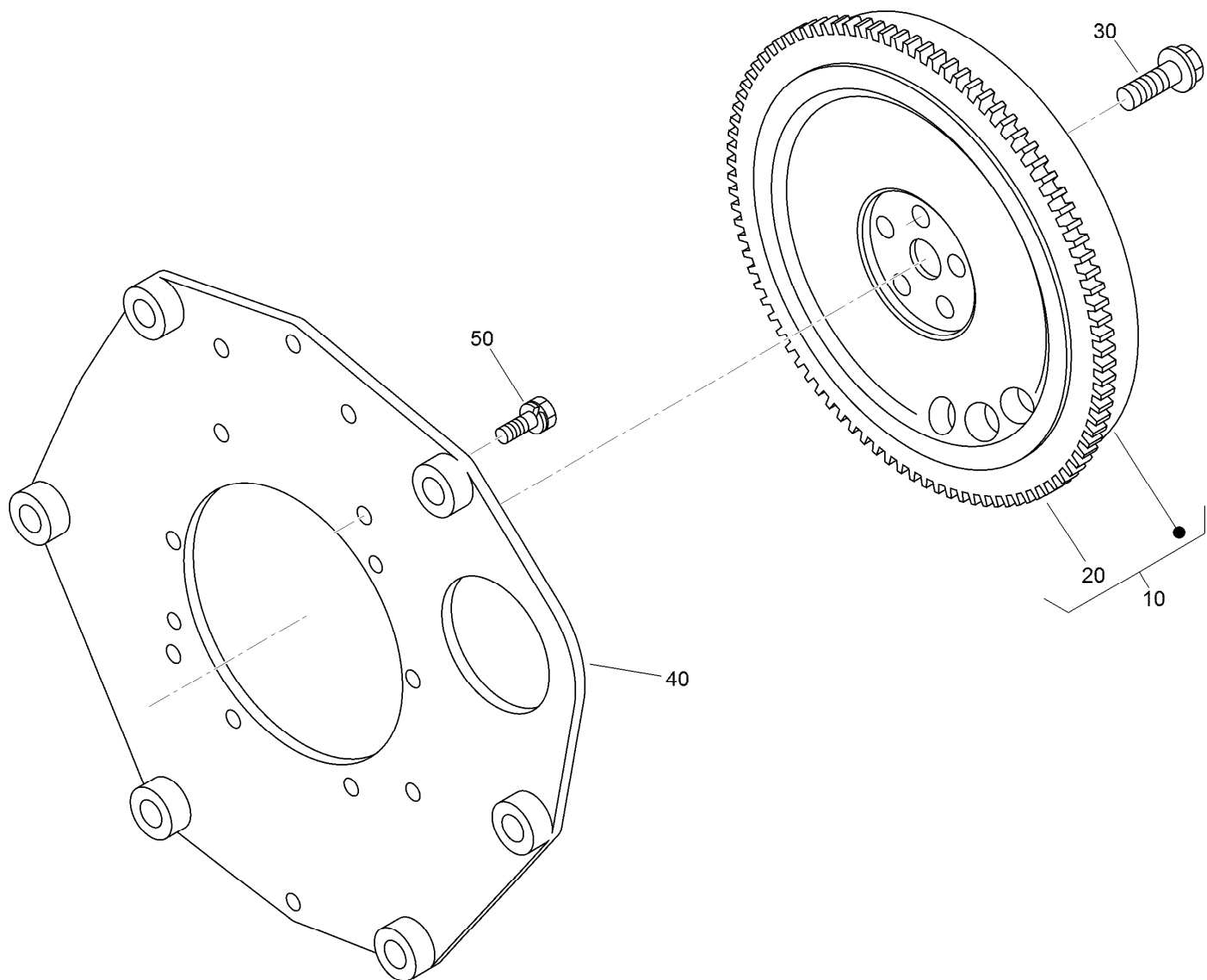
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 10   | 110-3727    | 6    | Tappet            |
| 20   | 100-1989    | 6    | Rod-Push          |
| 30   | 117-0305    | 1    | Camshaft ASM      |
| 50   | 110-3729    | 1    | Ball              |
| 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

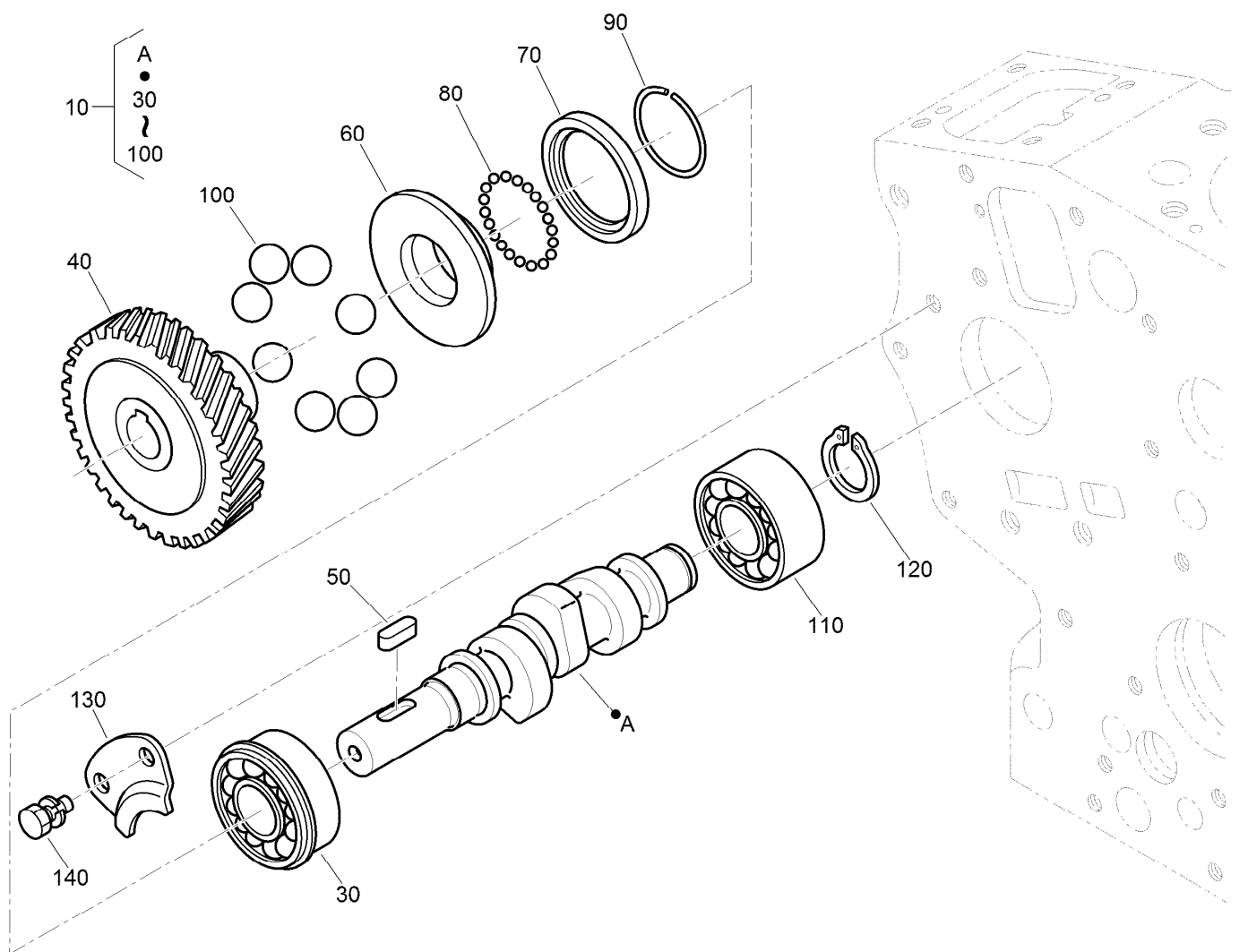
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 10   | 130-1537    | 3    | Piston                  |
| 10   | 130-1540    | 3    | Piston                  |
| 20   | 130-1535    | 3    | Piston Ring ASM         |
| 20   | 130-1536    | 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    | 6    | 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                    |



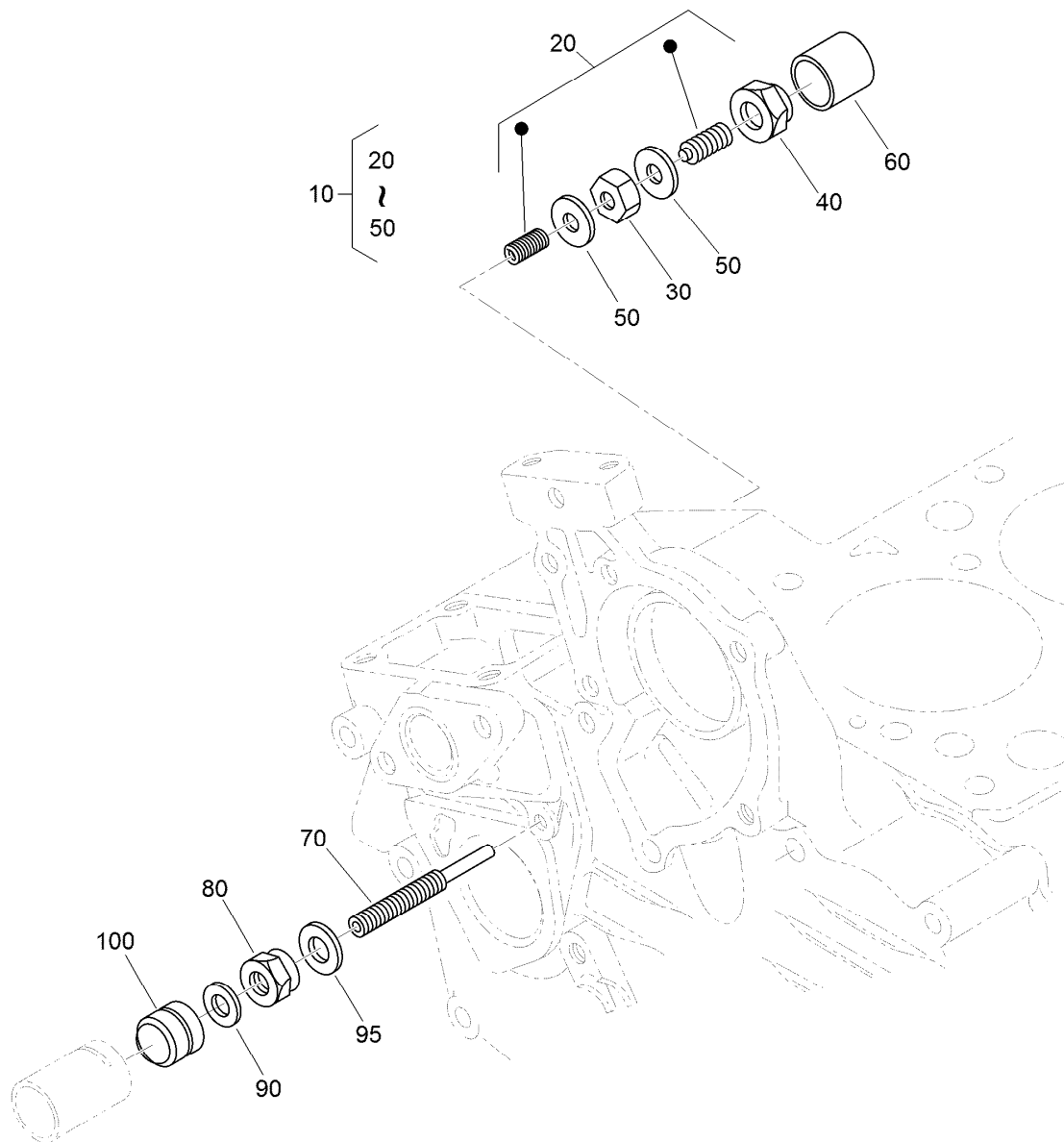
## Flywheel Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 125-9054           | 1           | Flywheel ASM       |
| 20          | 105-3722           | 1           | Gear-Ring          |
| 30          | 125-9051           | 5           | Bolt-Flywheel      |
| 40          | 125-9053           | 1           | Plate-Rear End     |
| 50          | 110-3754           | 10          | Bolt               |



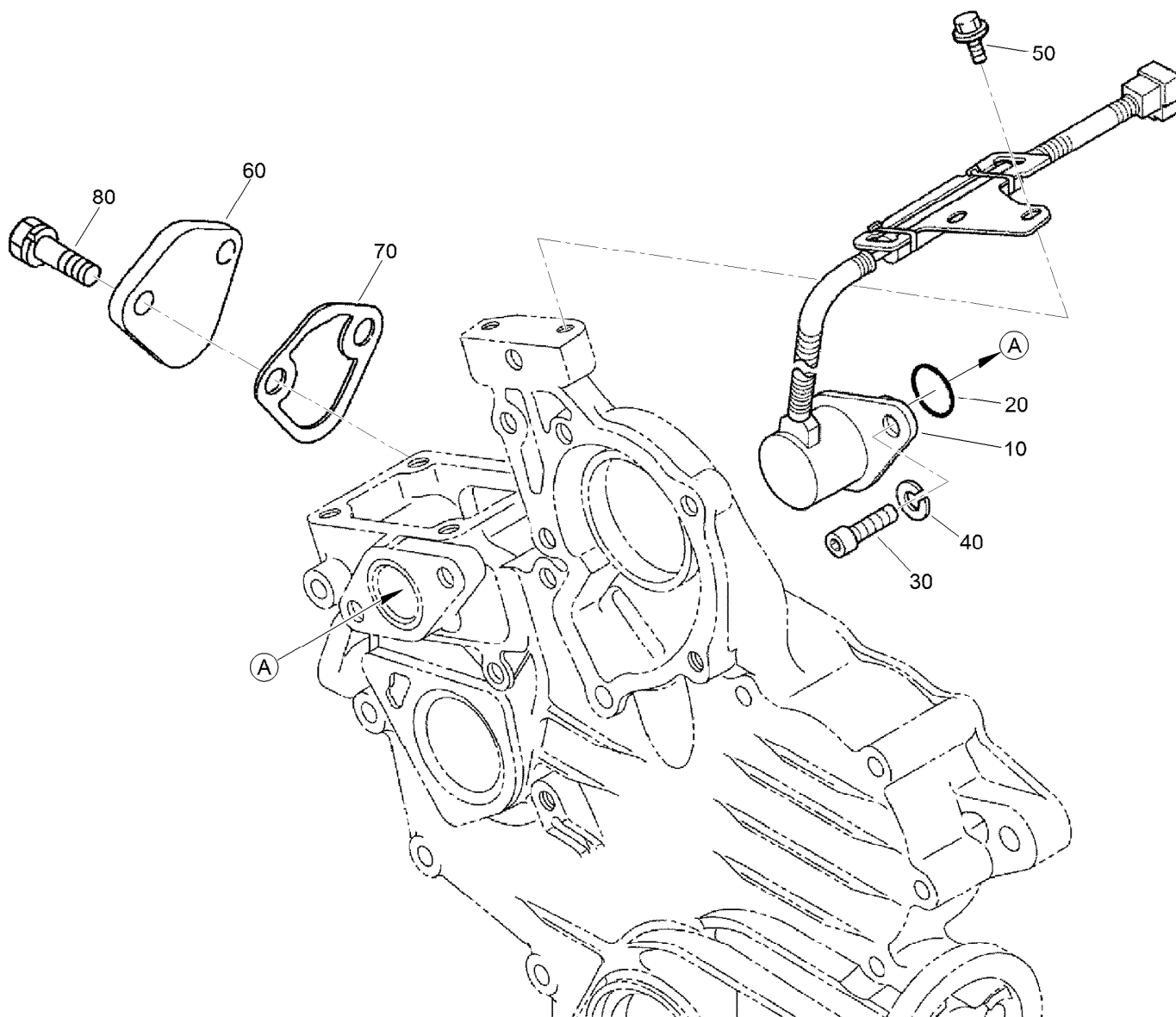
## Fuel Camshaft Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 10   | 125-9075    | 1    | Fuel Camshaft ASM      |
| 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                   |



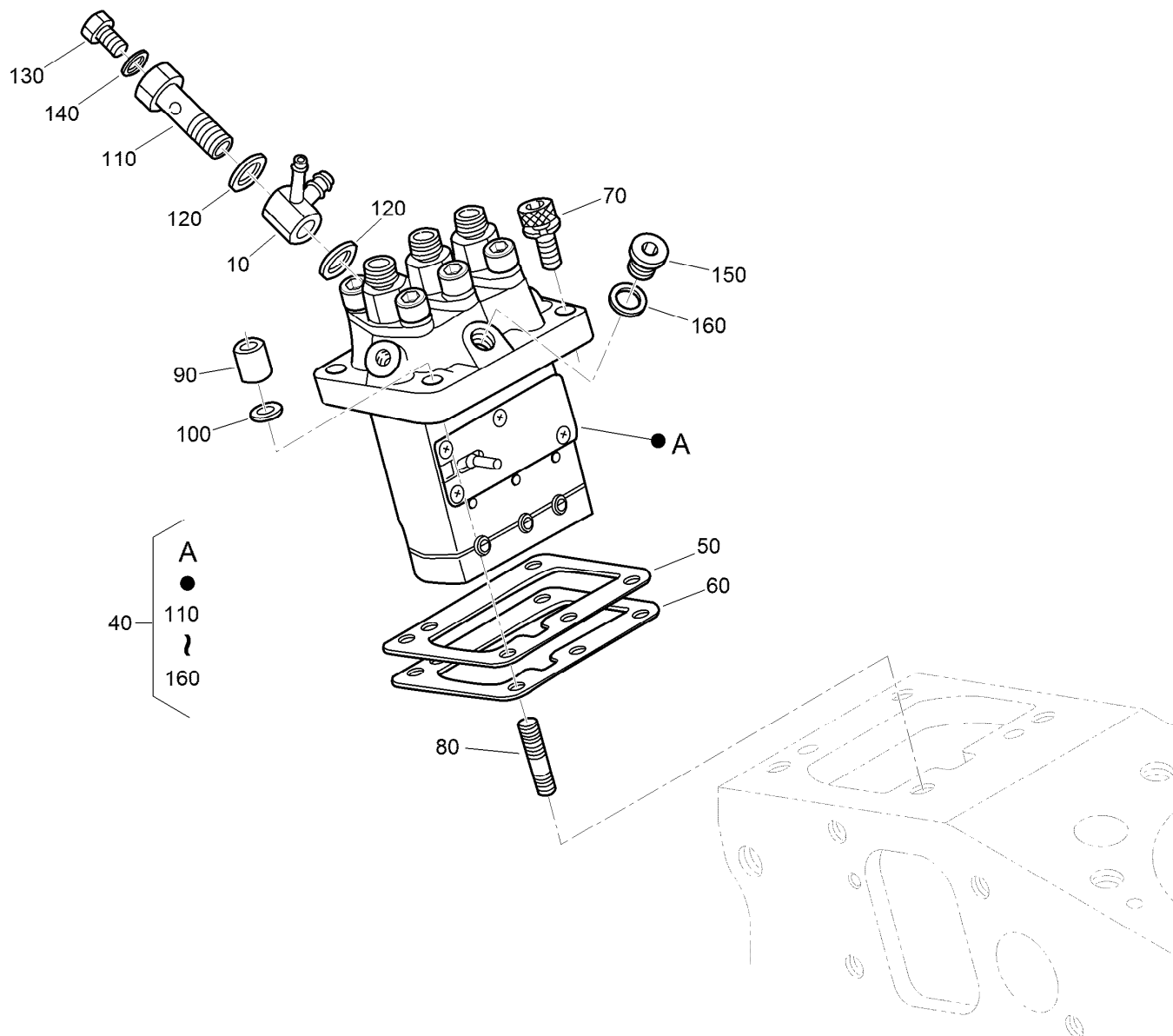
## Idle Apparatus Assembly

| 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            |



## Stop Solenoid and Fuel Pump Cover Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 10   | 117-2719    | 1    | Solenoid Stop ASM |
| 20   | 110-3762    | 1    | O-Ring            |
| 30   | 110-3763    | 2    | Bolt-HSH          |
| 40   | 98-7699     | 1    | Washer-Spring     |
| 50   | 100-1774    | 2    | Bolt-Flange       |
| 60   | 99-3514     | 1    | Cover             |
| 70   | 98-9636     | 1    | Gasket-Pump, Fuel |
| 80   | 98-7692     | 2    | Bolt              |

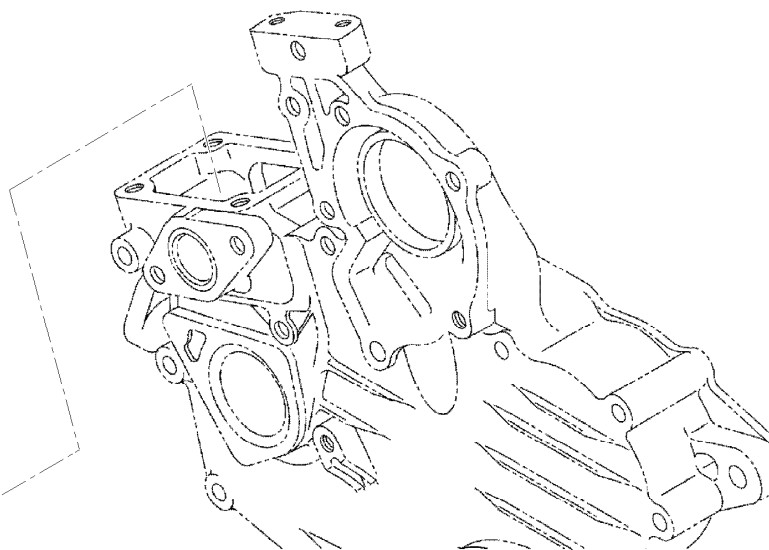
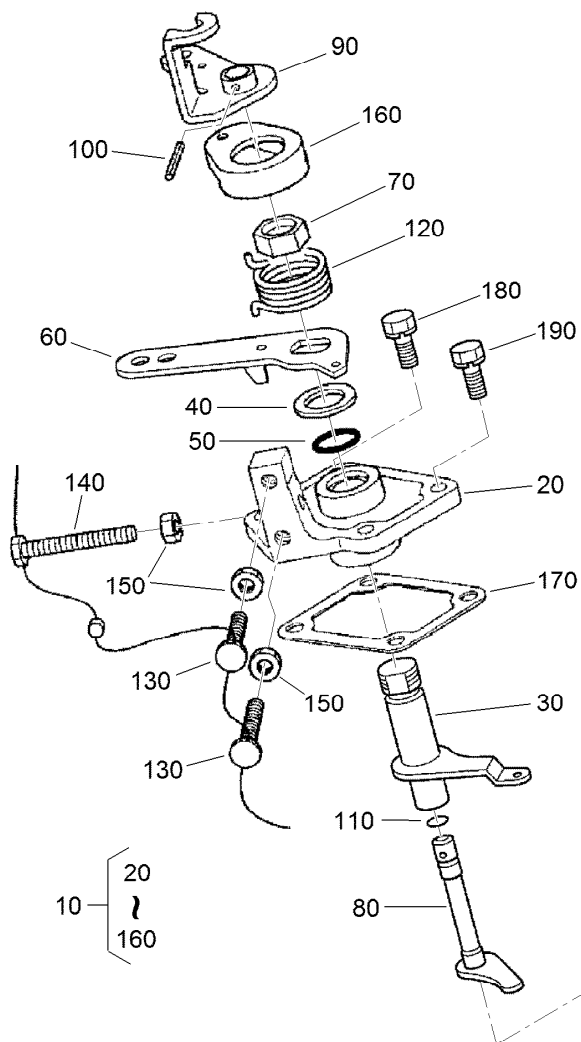


## Injection Pump Assembly

| 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        |

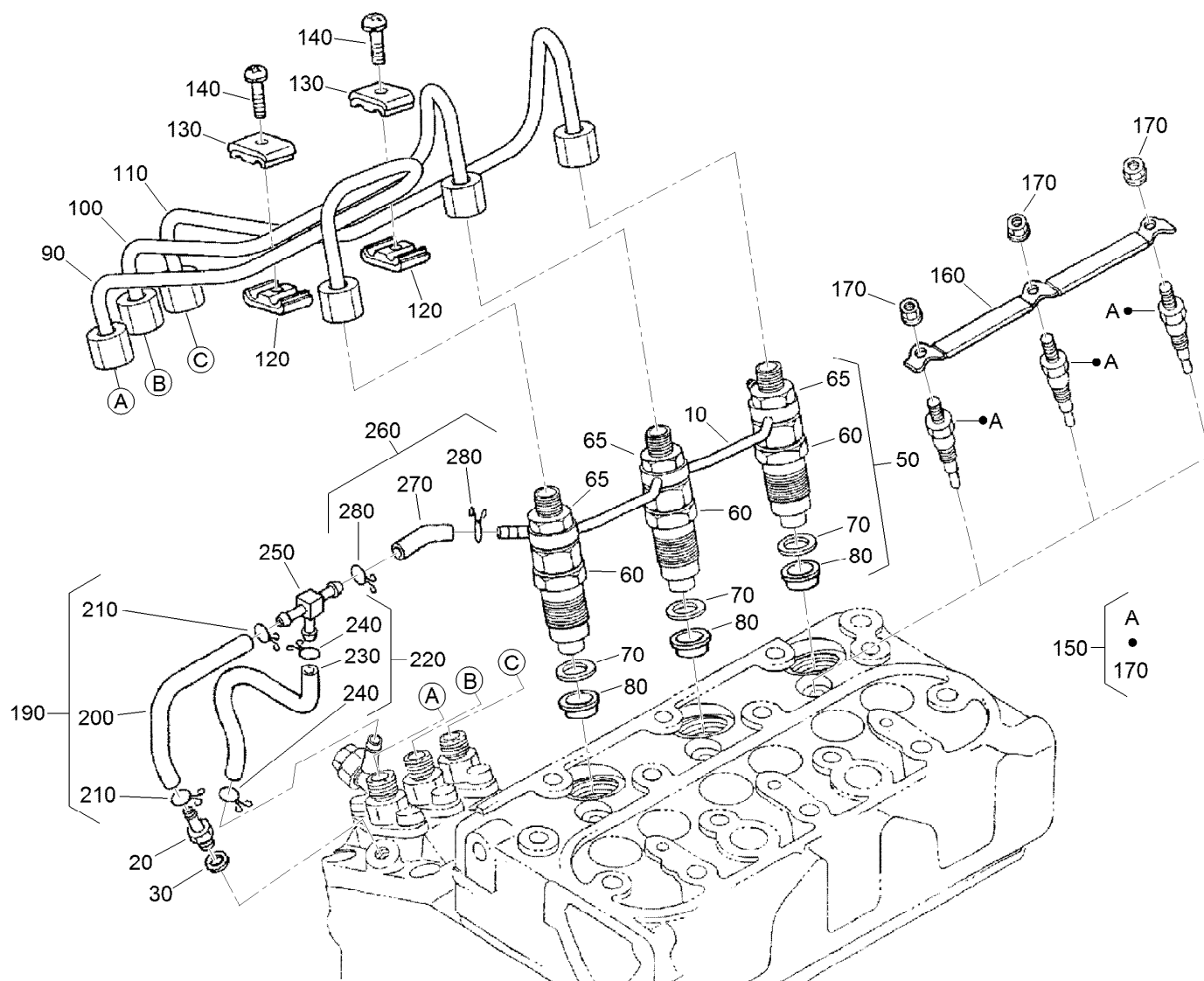




## Speed Control Plate Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 10   | 110-3769    | 1    | Speed Control Plate ASM |
| 20   | 110-3770    | 1    | Plate-Control, Speed    |
| 30   | 110-3771    | 1    | Lever-Governor          |
| 40   | 110-3772    | 1    | Collar                  |
| 50   | 100-2208    | 1    | O-Ring                  |
| 60   | 110-3773    | 1    | Lever-Control, Speed    |
| 70   | 110-3774    | 1    | Nut-Control, Speed      |
| 80   | 110-3775    | 1    | Shaft-Lever             |
| 90   | 110-3776    | 1    | Lever-Stop, Engine      |
| 100  | 110-3777    | 1    | Pin-Spring              |

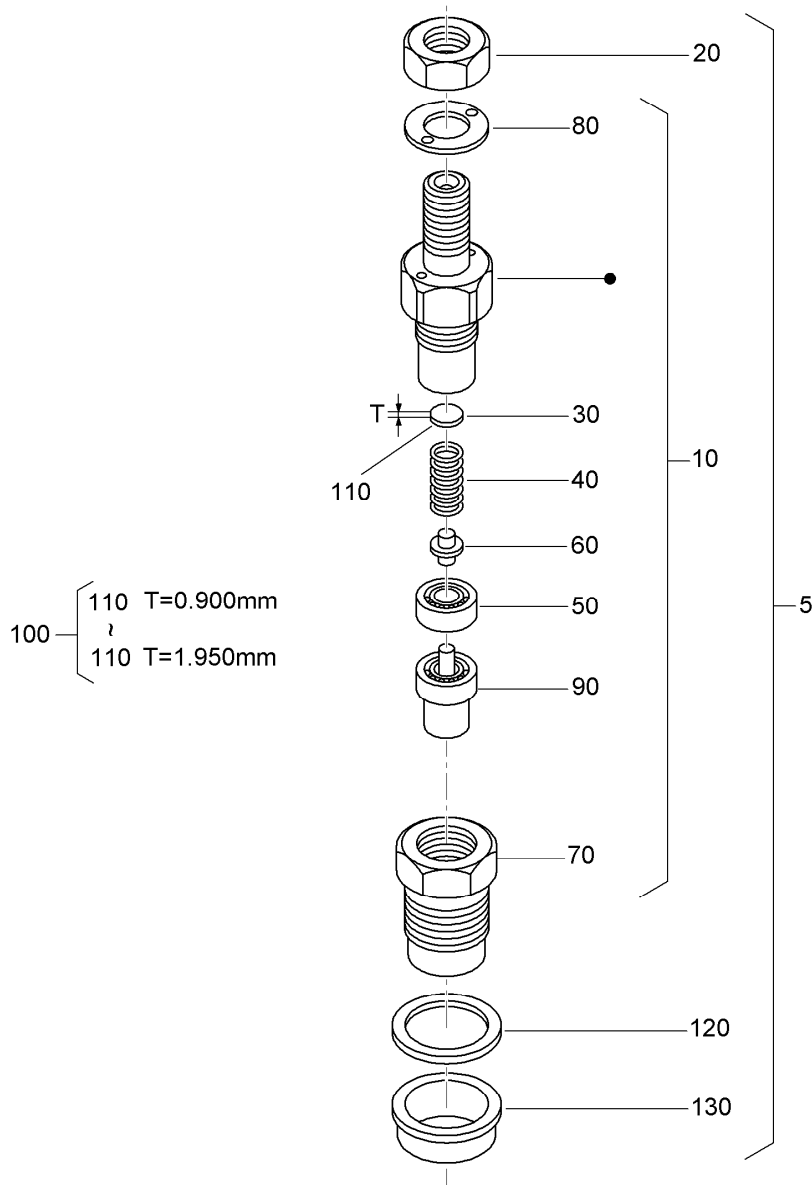
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 110  | 100-2207    | 1    | O-Ring                |
| 120  | 110-3778    | 1    | Spring-Return         |
| 130  | 120-3133    | 2    | Screw-Stopper         |
| 140  | 120-3134    | 1    | Bolt                  |
| 150  | 98-7572     | 3    | Nut                   |
| 160  | 110-3779    | 1    | Cap                   |
| 170  | 100-1962    | 1    | Gasket-Plate, Control |
| 180  | 127-0403    | 2    | Bolt-Flange           |
| 190  | 112-2507    | 2    | Bolt                  |



## Nozzle Holder and Glow Plug Assembly

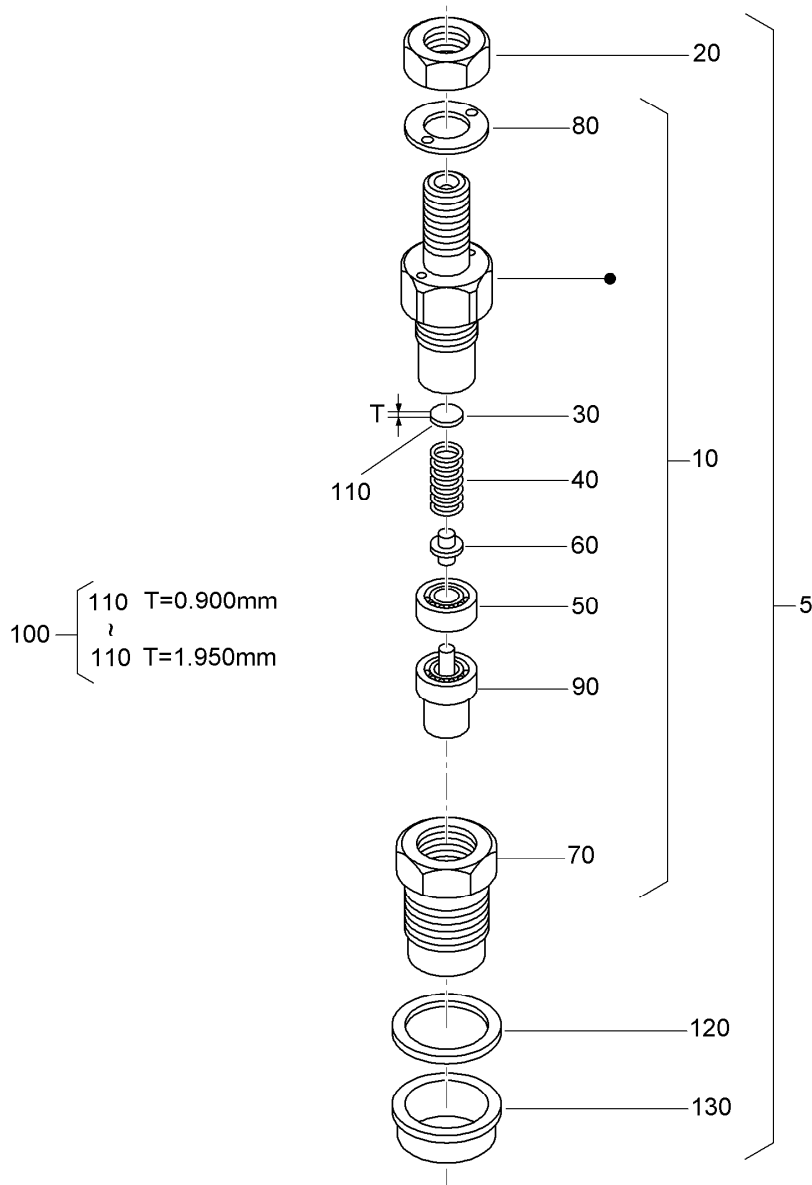
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 110-3780    | 1    | Over Flow Pipe ASM |
| 20   | 98-9431     | 1    | Screw-Bleeder, Air |
| 30   | 98-7654     | 1    | Gasket             |
| 50   | 130-1305    | 3    | Nozzle Holder Kit  |
| 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       |



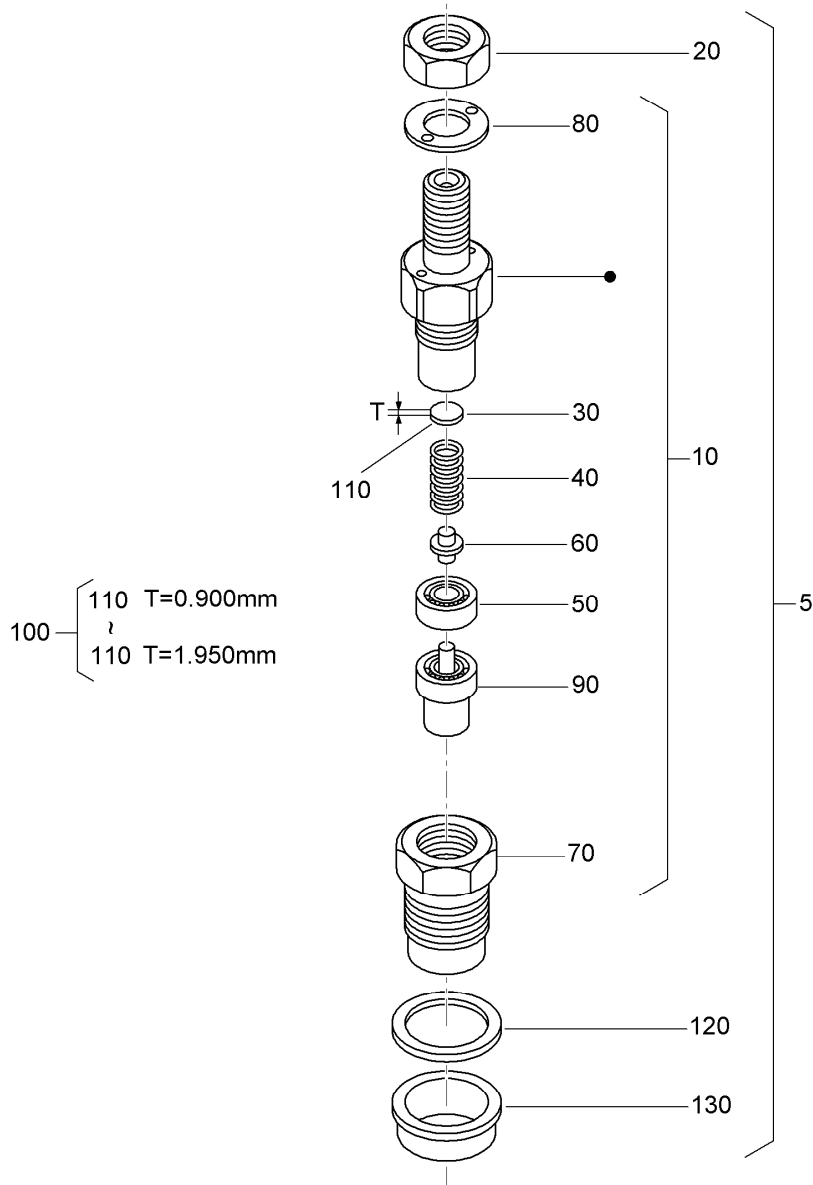
## Nozzle Holder Assembly

| Ref. | Part Number | Qty. | Description                | Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|------|-------------|------|----------------------------|
| 5    | 130-1305    | 3    | Nozzle Holder Kit          | 110  | 98-7845     | 3    | Washer-Adjusting (1.025Mm) |
| 10   | 130-1303    | 3    | Nozzle Holder ASM          | 110  | 98-7846     | 3    | Washer-Adjusting (1.050Mm) |
| 20   | 121-2411    | 3    | Nut                        | 110  | 98-7847     | 3    | Washer-Adjusting (1.075Mm) |
| 30   | 99-8302     | 3    | Washer-Adjusting           | 110  | 98-7848     | 3    | Washer-Adjusting (1.100Mm) |
| 40   | 99-8303     | 3    | Spring-Nozzle              | 110  | 98-7849     | 3    | Washer-Adjusting (1.125Mm) |
| 50   | 99-8304     | 3    | Spacer-Distance            | 110  | 98-7850     | 3    | Washer-Adjusting (1.150Mm) |
| 60   | 99-8305     | 3    | Rod-Push                   | 110  | 98-7851     | 3    | Washer-Adjusting (1.175Mm) |
| 70   | 130-1304    | 3    | Nut-Nozzle                 | 110  | 98-7852     | 3    | Washer-Adjusting (1.200Mm) |
| 80   | 99-8307     | 3    | Washer-Plain               | 110  | 98-7853     | 3    | Washer-Adjusting (1.225Mm) |
| 90   | 130-1497    | 3    | Nozzle-Piece               | 110  | 98-7854     | 3    | Washer-Adjusting (1.250Mm) |
| 100  | 98-9448     | 3    | Adjusting Washer ASM       |      |             |      |                            |
| 110  | 98-7642     | 3    | Washer-Adjusting (0.900Mm) |      |             |      |                            |
| 110  | 98-7841     | 3    | Washer-Adjusting (0.925Mm) |      |             |      |                            |
| 110  | 98-7842     | 3    | Washer-Adjusting (0.950Mm) |      |             |      |                            |
| 110  | 98-7843     | 3    | Washer-Adjusting (0.975Mm) |      |             |      |                            |
| 110  | 98-7844     | 3    | Washer-Adjusting (1.000Mm) |      |             |      |                            |



## Nozzle Holder Assembly (continued)

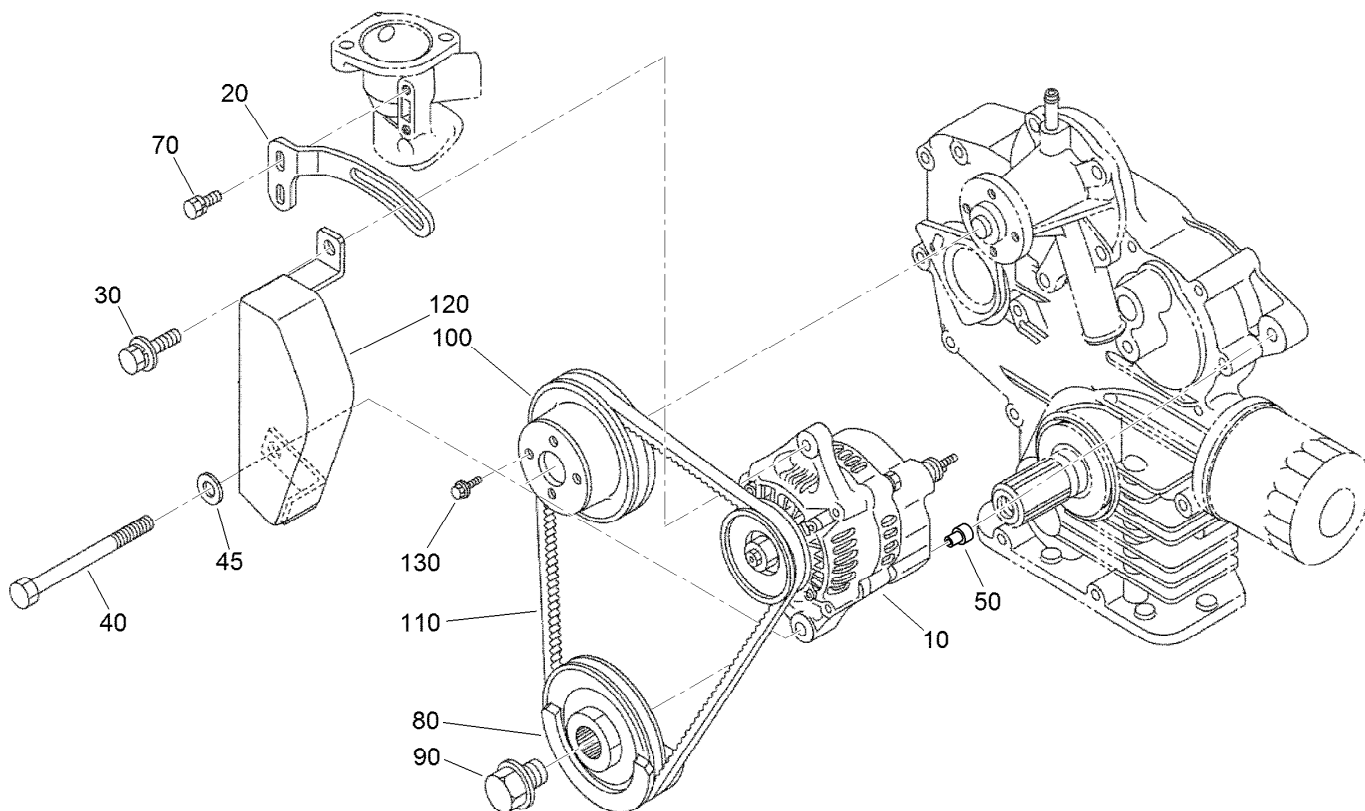
| Ref. | Part Number | Qty. | Description                   | Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|------|-------------|------|-------------------------------|
| 110  | 98-7855     | 3    | Washer-Adjusting<br>(1.275Mm) | 110  | 98-7865     | 3    | Washer-Adjusting<br>(1.525Mm) |
| 110  | 98-7856     | 3    | Washer-Adjusting<br>(1.300Mm) | 110  | 98-7866     | 3    | Washer-Adjusting<br>(1.550Mm) |
| 110  | 98-7857     | 3    | Washer-Adjusting<br>(1.325Mm) | 110  | 98-7867     | 3    | Washer-Adjusting<br>(1.575Mm) |
| 110  | 98-7858     | 3    | Washer-Adjusting<br>(1.350Mm) | 110  | 98-7868     | 3    | Washer-Adjusting<br>(1.600Mm) |
| 110  | 98-7859     | 3    | Washer-Adjusting<br>(1.375Mm) | 110  | 98-7869     | 3    | Washer-Adjusting<br>(1.625Mm) |
| 110  | 98-7860     | 3    | Washer-Adjusting<br>(1.400Mm) | 110  | 98-7870     | 3    | Washer-Adjusting<br>(1.650Mm) |
| 110  | 98-7861     | 3    | Washer-Adjusting<br>(1.425Mm) | 110  | 98-7871     | 3    | Washer-Adjusting<br>(1.675Mm) |
| 110  | 98-7862     | 3    | Washer-Adjusting<br>(1.450Mm) | 110  | 98-7872     | 3    | Washer-Adjusting<br>(1.700Mm) |
| 110  | 98-7863     | 3    | Washer-Adjusting<br>(1.475Mm) | 110  | 98-7873     | 3    | Washer-Adjusting<br>(1.725Mm) |
| 110  | 98-7864     | 3    | Washer-Adjusting<br>(1.500Mm) | 110  | 98-7874     | 3    | Washer-Adjusting<br>(1.750Mm) |



## Nozzle Holder Assembly (continued)

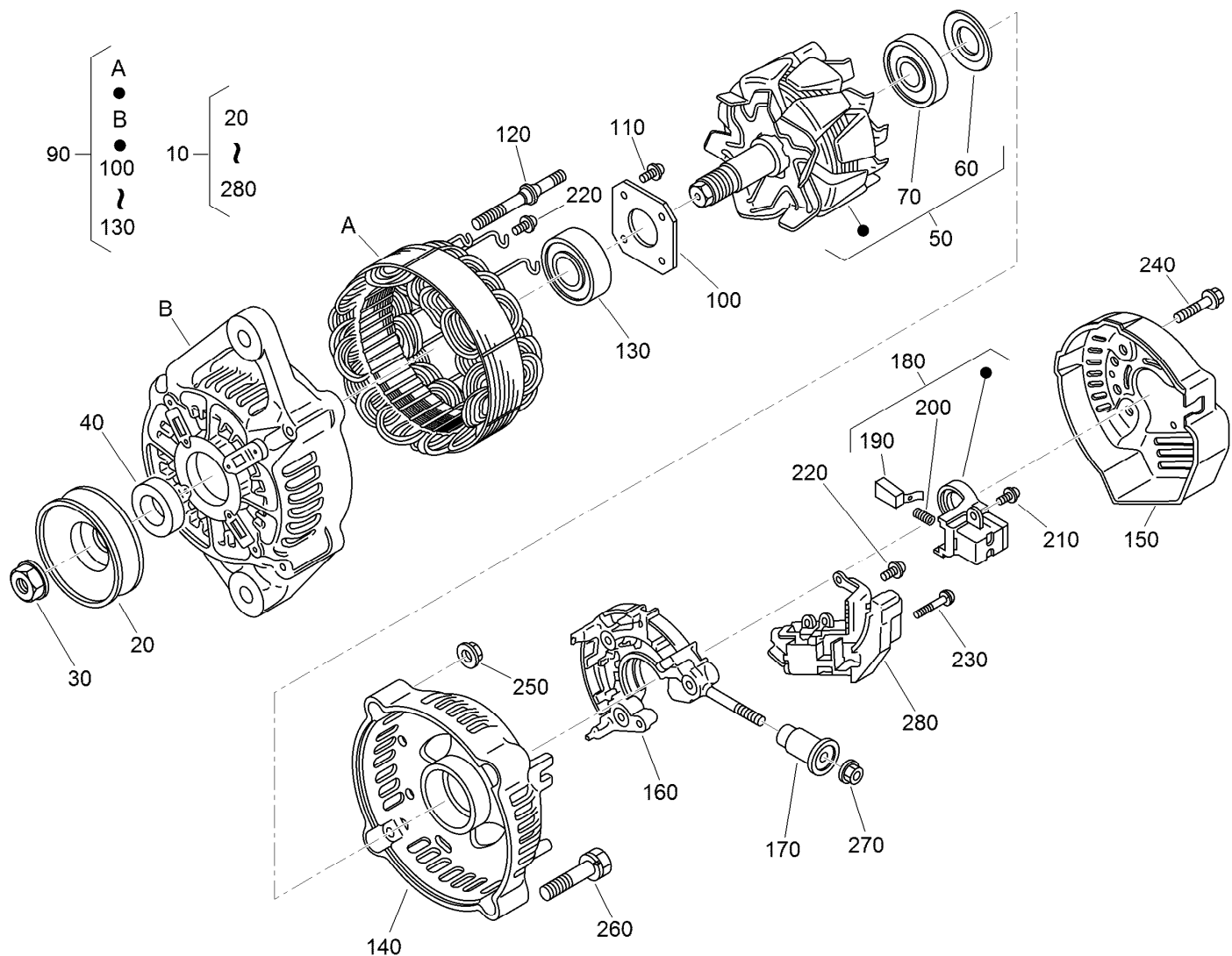
| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 110  | 98-7875     | 3    | Washer-Adjusting<br>(1.775Mm) |
| 110  | 98-7876     | 3    | Washer-Adjusting<br>(1.800Mm) |
| 110  | 98-7877     | 3    | Washer-Adjusting<br>(1.825Mm) |
| 110  | 98-7878     | 3    | Washer-Adjusting<br>(1.850Mm) |
| 110  | 98-7879     | 3    | Washer-Adjusting<br>(1.875Mm) |

| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 110  | 98-7880     | 3    | Washer-Adjusting<br>(1.900Mm) |
| 110  | 98-7881     | 3    | Washer-Adjusting<br>(1.925Mm) |
| 110  | 98-7882     | 3    | Washer-Adjusting<br>(1.950Mm) |
| 120  | 98-7676     | 3    | Gasket                        |
| 130  | 98-7677     | 3    | Seal-Heat                     |



## Alternator and Pulley Assembly

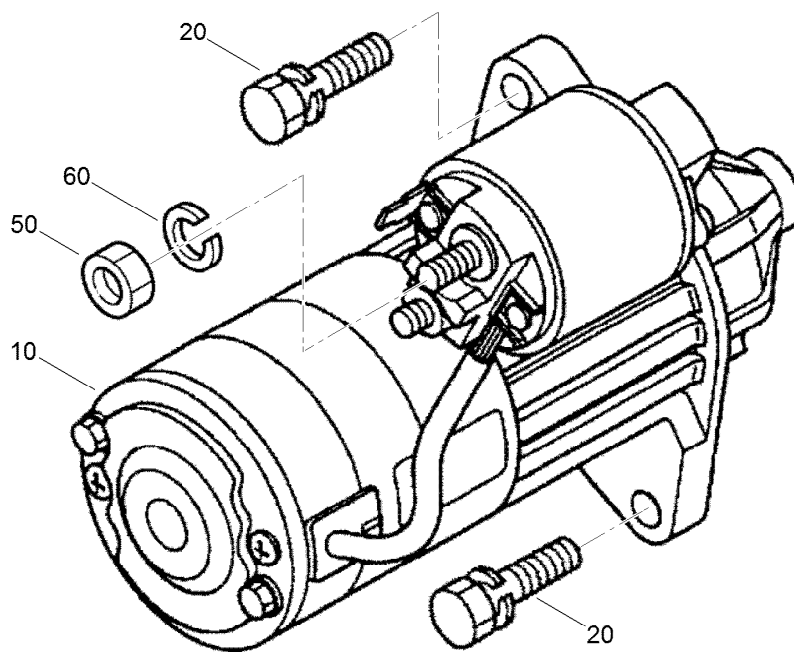
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 117-5541    | 1    | 60 Amp Alternator ASM |
| 20   | 117-0314    | 1    | Stay-Alternator       |
| 30   | 121-3800    | 1    | Bolt-Sems             |
| 40   | 110-3793    | 1    | Bolt                  |
| 45   | 120-5832    | 1    | Washer-Plain          |
| 50   | 110-3794    | 1    | Collar                |
| 70   | 98-7692     | 2    | Bolt                  |
| 80   | 125-9055    | 1    | Pulley-Drive, Fan     |
| 90   | 100-1978    | 1    | Bolt                  |
| 100  | 100-1921    | 1    | Pulley-Fan            |
| 110  | 110-3796    | 1    | Belt-V                |
| 120  | 117-0315    | 1    | Cover-Alternator      |
| 130  | 99-8363     | 4    | Bolt-Flange           |



## Alternator Components Assembly

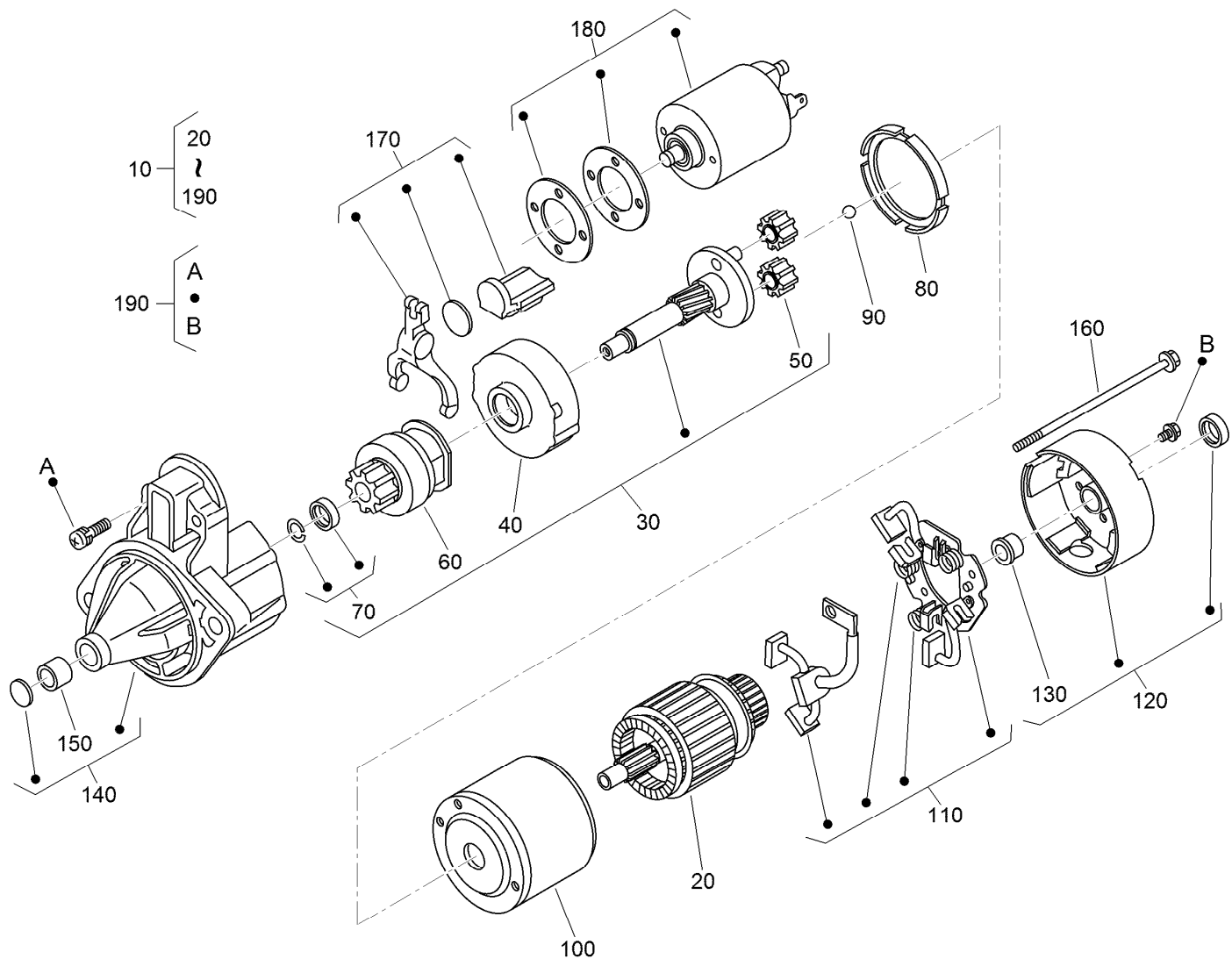
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 117-5541    | 1    | 60 Amp Alternator ASM |
| 20   | 98-9453     | 1    | Pulley-Dynamo         |
| 30   | 98-7708     | 1    | Nut                   |
| 40   | 98-7709     | 1    | Collar                |
| 50   | 117-0317    | 1    | Rotor ASM             |
| 60   | 98-7711     | 1    | Cover-Bearing         |
| 70   | 107-0138    | 1    | Bearing-Ball          |
| 90   | 117-0316    | 1    | Drive End Frame ASM   |
| 100  | 98-7715     | 1    | Plate-Retainer        |
| 110  | 98-7716     | 4    | Screw-Head, Round     |
| 120  | 98-7717     | 2    | Bolt-Through          |
| 130  | 133-2811    | 1    | Bearing               |
| 140  | 133-2813    | 1    | Frame-End             |
| 150  | 117-0320    | 1    | Cover-End             |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 160  | 117-0322    | 1    | Holder            |
| 170  | 117-0321    | 1    | Insulation-Brush  |
| 180  | 107-0141    | 1    | Brush Holder ASM  |
| 190  | 98-7724     | 2    | Brush             |
| 200  | 98-7725     | 2    | Spring-Brush      |
| 210  | 98-7727     | 6    | Screw-Head, Round |
| 220  | 98-7728     | 1    | Screw-Head, Round |
| 230  | 98-7726     | 2    | Screw-Head, Round |
| 240  | 98-7729     | 3    | Bolt              |
| 250  | 98-7730     | 2    | Nut               |
| 260  | 98-7731     | 2    | Bolt              |
| 270  | 98-7732     | 1    | Nut               |
| 280  | 117-0319    | 1    | Regulator ASM     |



## Starter Installation Assembly

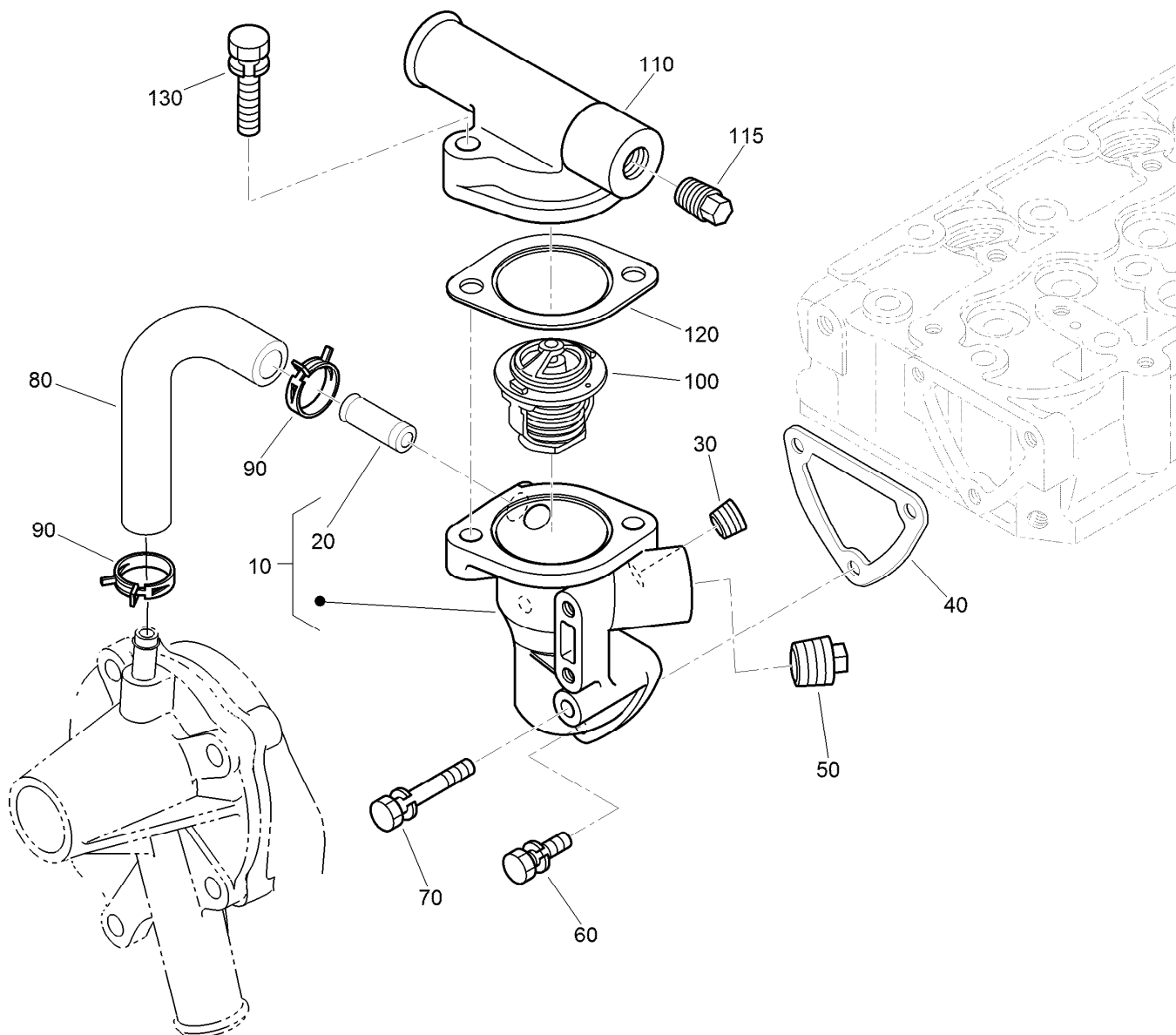
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 110-3800           | 1           | Starter ASM        |
| 20          | 98-7697            | 2           | Bolt               |
| 50          | 98-7534            | 1           | Nut                |
| 60          | 105-2893           | 1           | Washer-Spring      |



## Starter Component Assembly

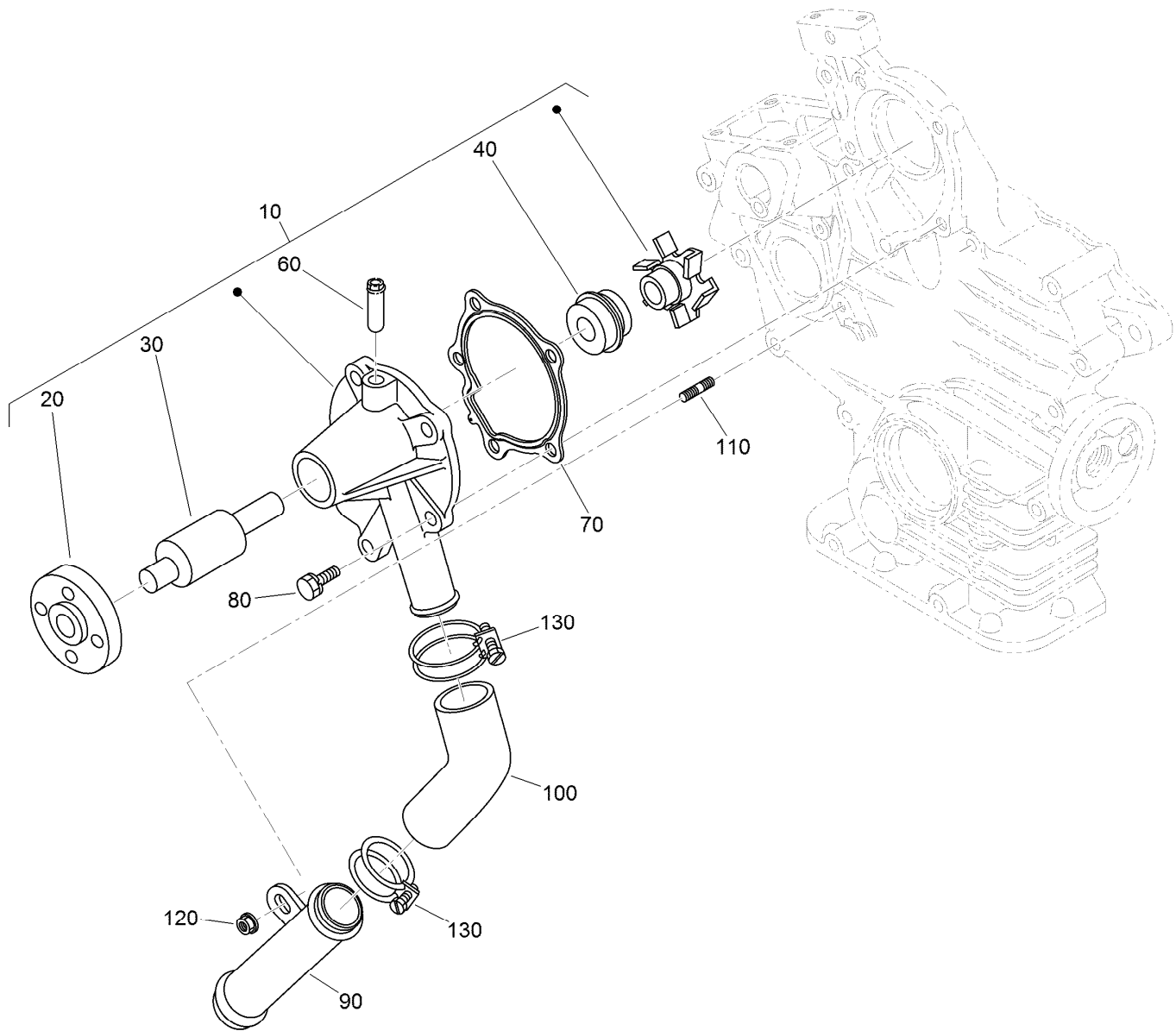
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 110-3800    | 1    | Starter ASM          |
| 20   | 110-3801    | 1    | Armature             |
| 30   | 110-3802    | 1    | Shaft ASM            |
| 40   | 120-3142    | 1    | Gear-Internal        |
| 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  | 125-9099    | 1    | Switch-Magnetic   |
| 190  | 110-3818    | 2    | Screws (Set Of 4) |



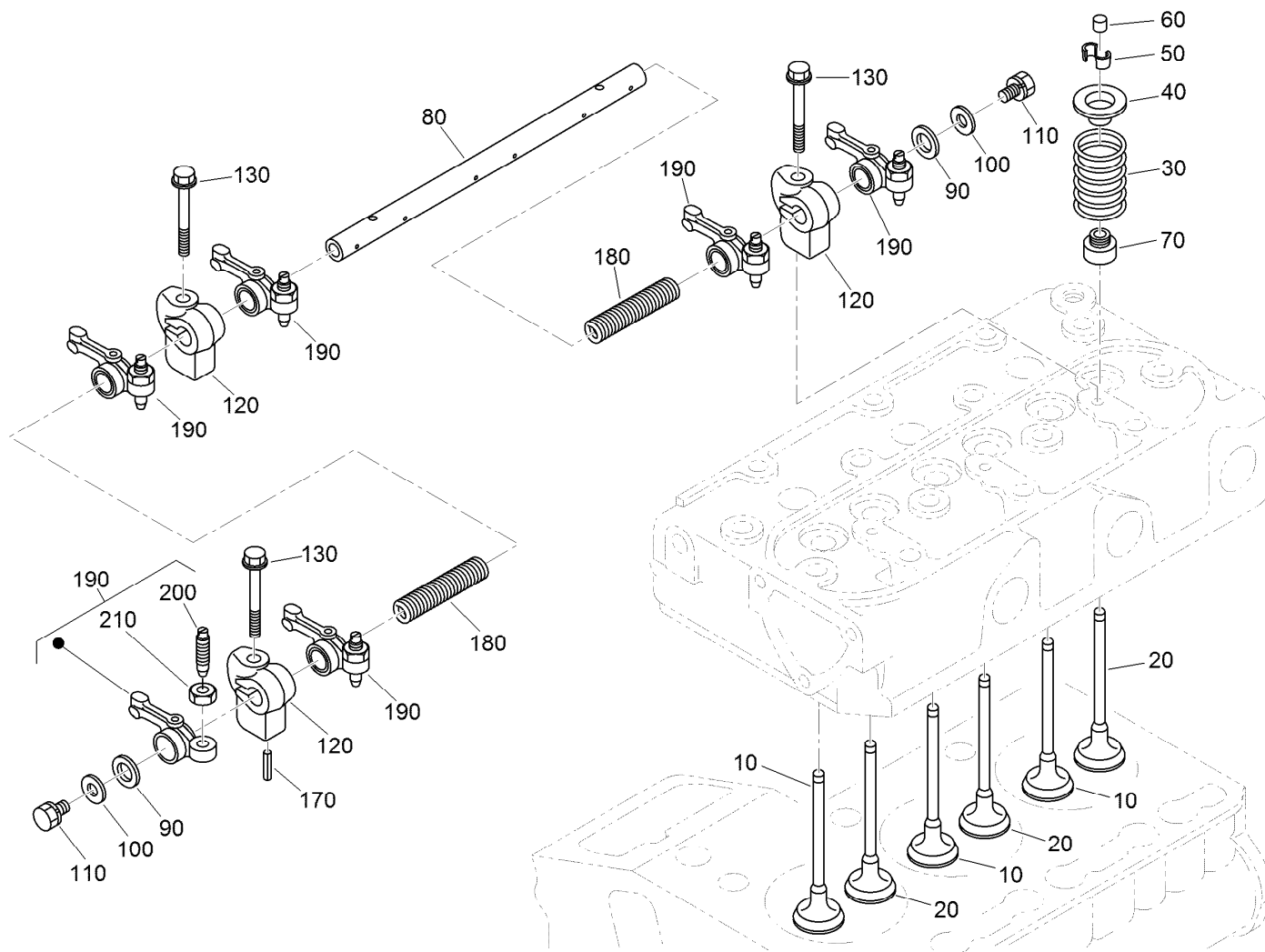
## Water Flange and Thermostat Assembly

| 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

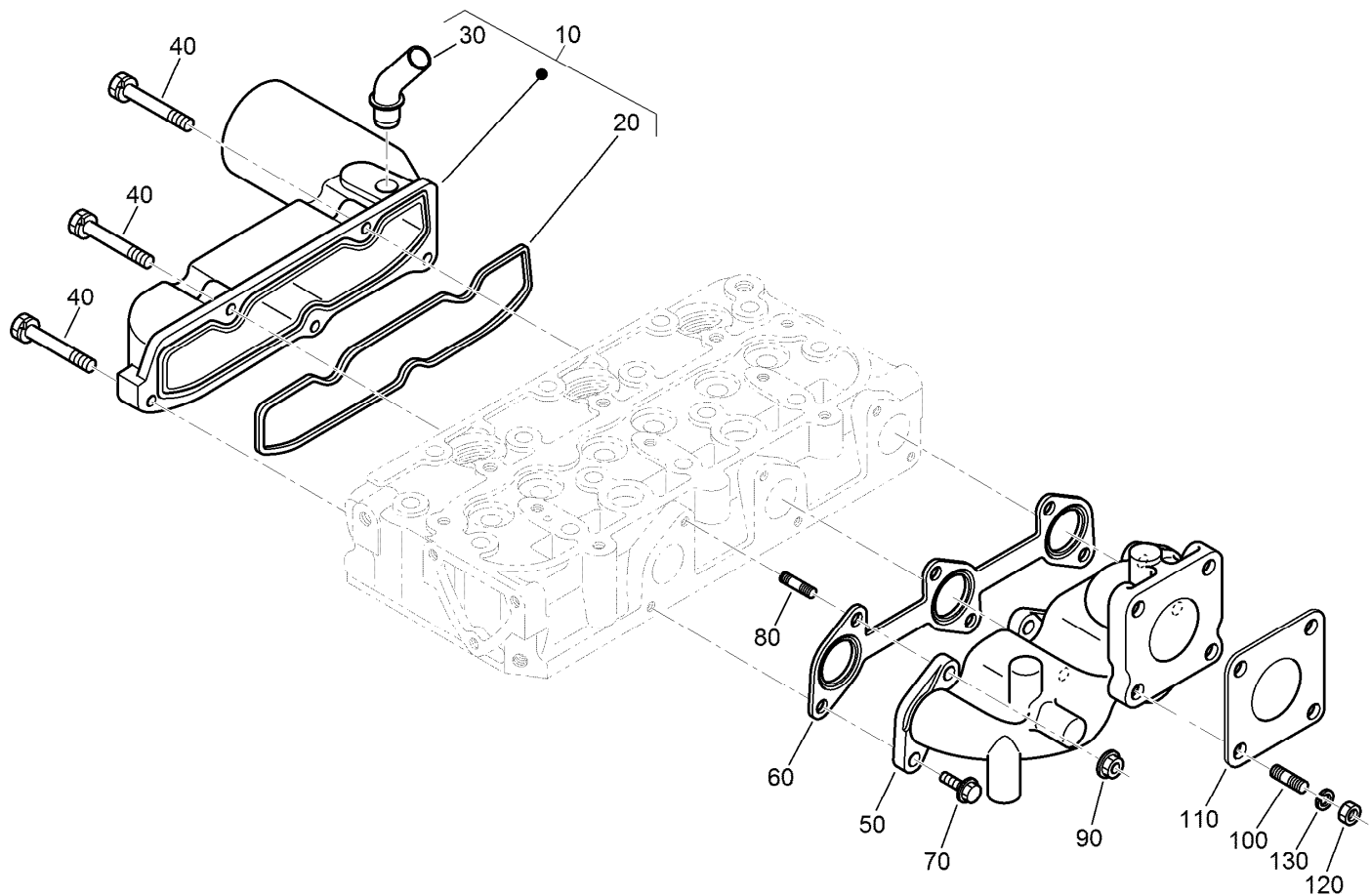
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 10   | 110-3824    | 1    | Water Pump ASM      |
| 20   | 125-9081    | 1    | Flange-Pump, Water  |
| 30   | 100-1934    | 1    | Bearing-Ball        |
| 40   | 99-3518     | 1    | Water Pump 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

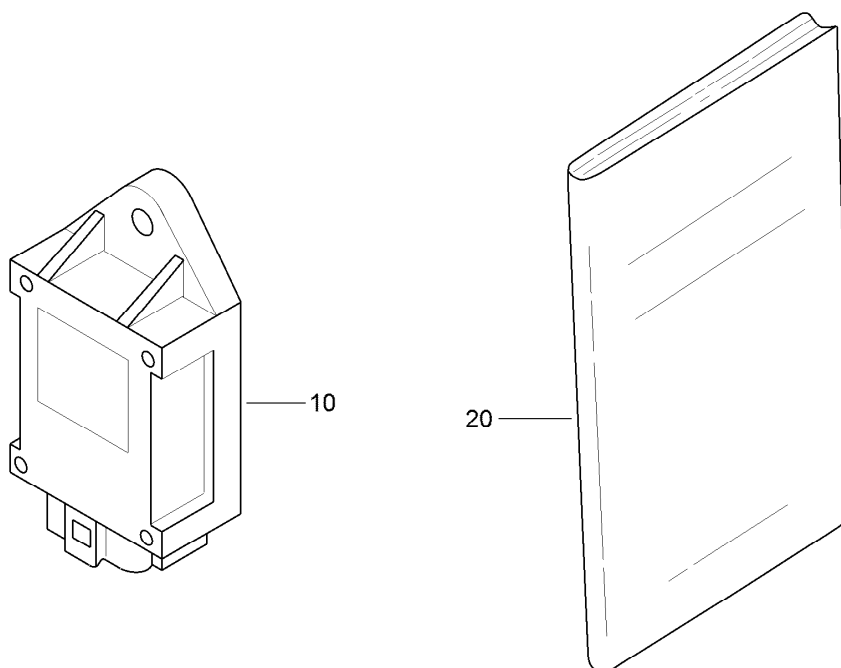
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 10   | 112-2514    | 3    | Valve-Inlet            |
| 20   | 112-2515    | 3    | Valve-Exhaust          |
| 30   | 100-1823    | 6    | Spring-Valve           |
| 40   | 100-1825    | 6    | 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         |
| 170  | 98-7602     | 1    | Pin-Spring          |
| 180  | 112-8342    | 2    | Spring              |
| 190  | 100-1884    | 6    | Rocker Arm ASM      |
| 200  | 100-1885    | 6    | Screw-Adjusting     |
| 210  | 100-1827    | 6    | Nut                 |



## Inlet and Exhaust Manifold Assembly

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



## Miscellaneous Engine Parts

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 98-7611            | 1           | Controller-Glow    |
| 20          | 130-1513           | 1           | Manual-Operator    |

# Attachments and Accessories

## For 07385 Workman HDX-D Utility Vehicle with Bed

| Product Name                                          | Model/Part |
|-------------------------------------------------------|------------|
| Pro Sweep Turf Sweeper.....                           | 07068      |
| High-Flow Hydraulic Kit .....                         | 07316      |
| Spreader Base Unit .....                              | 41253      |
| Vicon Spreader.....                                   | 41256      |
| 2/3 Area Flatbed .....                                | 07321      |
| 2/3 Area Flatbed Side Kit .....                       | 07322      |
| Bed Liner .....                                       | 07331      |
| Automatic Tailgate Release Kit .....                  | 92-1220    |
| Topdresser 1800 .....                                 | 44225      |
| Topdresser 1800 Lift Kit .....                        | 92-4452    |
| 1/3 Area Flatbed .....                                | 07341      |
| 1/3 Area Platform Lift .....                          | 07347      |
| Hitch Asm .....                                       | 131-3462   |
| ProCore Processor .....                               | 09749      |
| Premium All Purpose Grease (Tube) .....               | 108-1190   |
| Topdresser 2500 .....                                 | 44507      |
| Exterior Mirror Kit.....                              | 130-5448   |
| Core Harvester Adapter Kit.....                       | 44242      |
| Synthetic Turf Conditioner, Tow-Behind Accessory..... | 08791      |
| Rear PTO Kit .....                                    | 07419      |
| Interior Mirror Kit.....                              | 130-5449   |
| Multi Pro WM Turf Sprayer.....                        | 41240      |
| Cab Kit.....                                          | 07392      |
| Door Kit with Sliding Window .....                    | 07393      |
| Beacon Kit .....                                      | 130-5484   |
| Heater Kit.....                                       | 07349      |
| 12 Inch Rear Wheel Weights .....                      | 81115      |
| Worklight Kit .....                                   | 117-4827   |
| Backup Alarm Kit .....                                | 107-8037   |
| Wireless Hourmeter .....                              | 115-4754   |
| High Air Intake Kit .....                             | 121-6285   |
| Hand Throttle Kit.....                                | 07420      |
| Side Mirror Kit.....                                  | 115-7849   |
| Tailpipe Extension Kit.....                           | 127-7397   |
| Fold Down Side Kit .....                              | 07303      |
| Tire-Rear, 24x13-12.....                              | 110-5132   |
| Tire-Rear, 23x8.50-12.....                            | 98-2993    |
| Spark Arrestor Screen .....                           | 94-8157    |
| PTO Over Running Clutch Kit .....                     | 92-2655    |
| Fuse Block.....                                       | 92-2641    |
| 1/3 Area Cover Kit .....                              | 127-8739   |
| Remote Hydraulic Float Kit .....                      | 117-4828   |
| Canopy .....                                          | 07372      |
| Windshield .....                                      | 07373      |
| Full Area Flatbed .....                               | 07301      |
| Full Area Flatbed Side Kit .....                      | 07302      |

## Attachments and Accessories (continued)

|                                                                                        |          |
|----------------------------------------------------------------------------------------|----------|
| Premium ATF (Drum).....                                                                | 108-1185 |
| Premium ATF (Pail) .....                                                               | 108-1186 |
| Horn Kit.....                                                                          | 115-7825 |
| Remote Hydraulics Manifold Kit.....                                                    | 110-2626 |
| Roll-Over Protection System Signal Kit.....                                            | 117-4825 |
| 4 Post Roll-Over Protection System.....                                                | 07378    |
| Receiver Hitch Kit .....                                                               | 117-4831 |
| Trailer Signal Kit .....                                                               | 117-4836 |
| Trailer Brake Kit .....                                                                | 125-0123 |
| Tire and Wheel Asm .....                                                               | 131-8432 |
| Canopy for Four-Post Roll-Over Protection System Kit.....                              | 119-9457 |
| Tire-Rear, Industrial .....                                                            | 99-1091  |
| Wheel-12in x 8.0in .....                                                               | 114-8260 |
| Road Light and Homologation Kit .....                                                  | 120-5030 |
| Brake and Signal Light Kit.....                                                        | 120-5045 |
| ProPass 200 Top Dresser with Twin Spinner and Wireless Control .....                   | 44751    |
| ProPass 200 Top Dresser with Twin Spinner .....                                        | 44701    |
| Pro Force Debris Blower.....                                                           | 44553    |
| Pro Force Debris Blower.....                                                           | 44552    |
| Work Light Kit .....                                                                   | 130-5485 |
| Windshield Washer Fluid Kit, 2015 and after Workman MD/HD Series Utility Vehicle ..... | 130-5615 |
| LED Worklight Kit.....                                                                 | 133-0554 |
| ROPS Beacon Kit .....                                                                  | 133-0609 |
| Aggressive Tire Kit.....                                                               | 07422    |
| Bracket-light, Canopy .....                                                            | 133-0627 |
| Pro Force Debris Blower.....                                                           | 44554    |
| Wheel/Tire ASM, A404 (20X9-12)Smooth .....                                             | 136-6334 |
| Wheel/Tire ASM, A404 (24X12-12)Smooth .....                                            | 136-6335 |
| Wheel/Tire ASM, A502 (20X9-12)Semi-Aggressive .....                                    | 136-6308 |
| Wheel/Tire ASM, K502 (24X12-12)Semi-Aggressive.....                                    | 136-6309 |
| Wireless Hourmeter Kit.....                                                            | 138-5655 |



**Count on it.**