



**Count on it.**

# Parts Catalog

## **Z580-D Z Master®**

**With 60in TURBO FORCE® Side Discharge  
Mower**

**Model No. 74267—Serial No. 290000001 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.

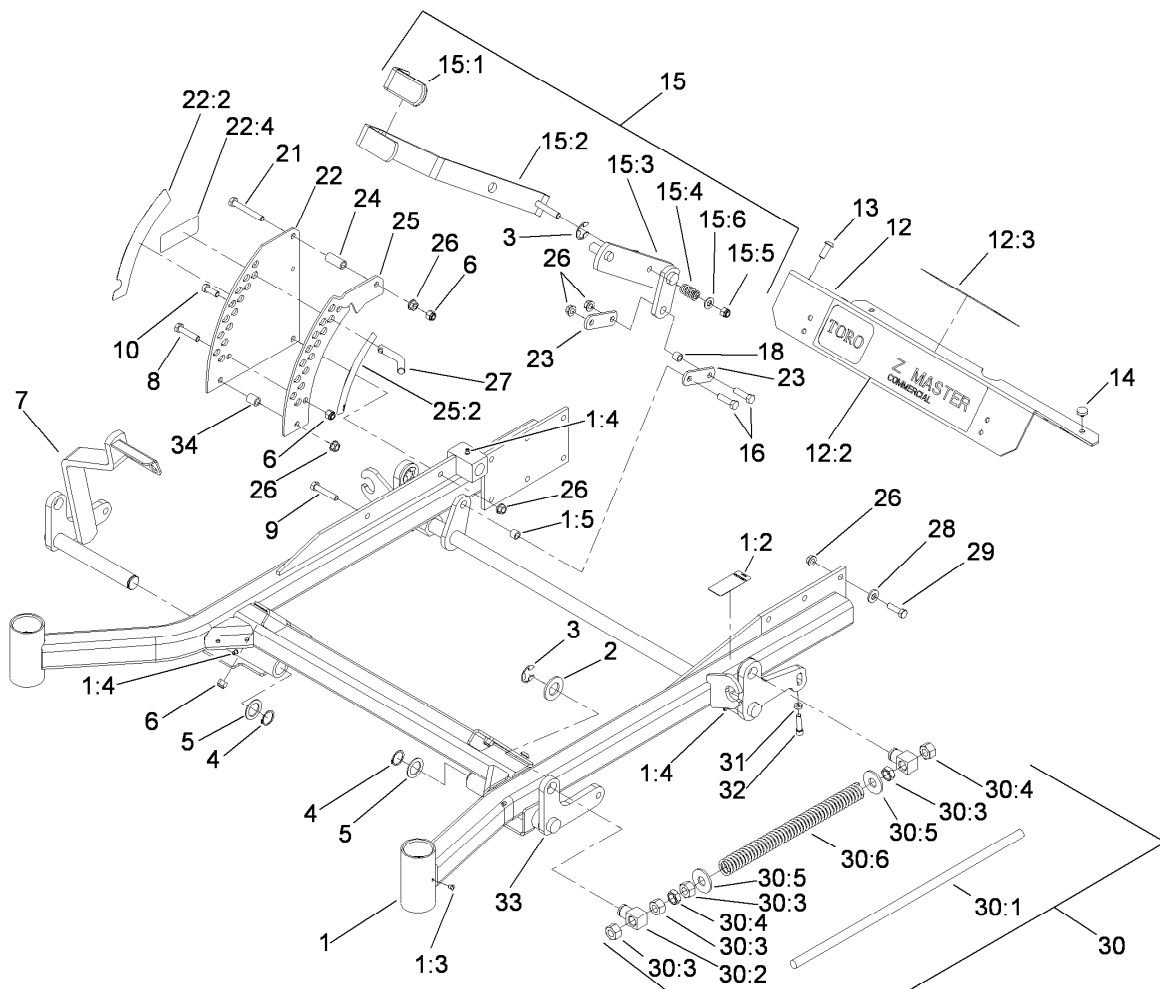
## Reference Numbers Indicating Quantity

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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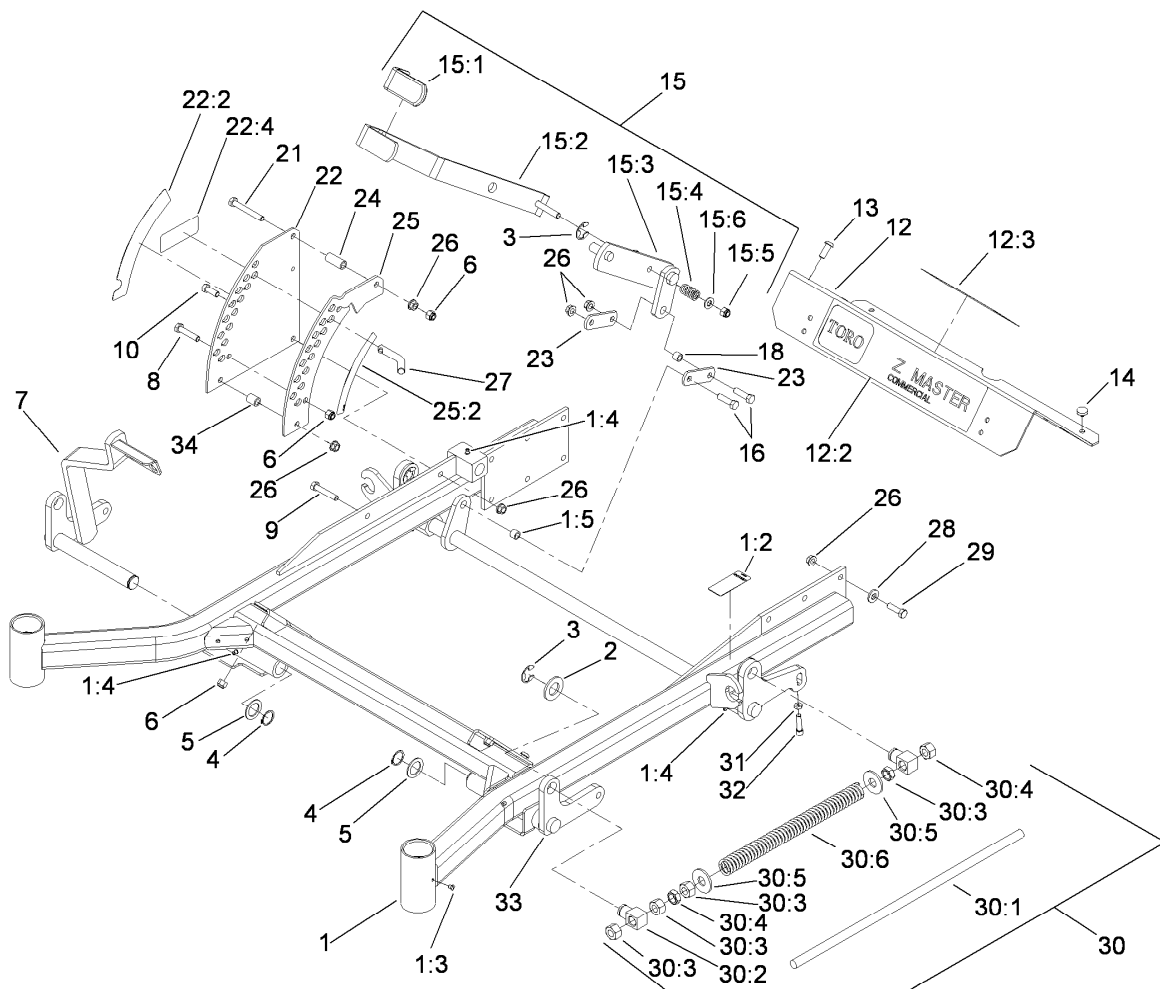


## Front Frame Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 107-8085    | 1    | Frame ASM            |
| 1:2  | 107-1857    | 1    | Decal-Brake, Parking |
| 1:3  | 1-811010    | 2    | Plug                 |
| 1:4  | 302-19      | 5    | Fitting-Grease       |
| 1:5  | 103-1918    | 1    | Bushing              |
| 2    | 3256-29     | 4    | Washer-Flat          |
| 3    | 32151-103   | 5    | Ring-Retaining, EXT  |
| 4    | 32151-29    | 2    | Ring-Retaining       |
| 5    | 1-523157    | 2    | Washer-Spacer        |
| 6    | 3296-39     | 5    | Nut-Lock, NI         |
| 7    | 108-7786-01 | 1    | Lift-Deck, RH Front  |
| 8    | 323-9       | 1    | Screw-HH             |
| 9    | 323-10      | 1    | Screw-HH             |
| 10   | 323-6       | 1    | Screw-HH             |
| 12   | 106-9981    | 1    | Footrest             |
| 12:2 | 106-7451    | 1    | Decal                |
| 12:3 | 107-2112    | 1    | Decal-Warning        |
| 13   | 3274-94     | 4    | Screw-HSBH           |
| 14   | 1-513658    | 2    | Bumper               |
| 15   | 110-5860    | 1    | Deck Lift Handle ASM |
| 15:1 | 1-633295    | 1    | Grip-Lever, Lift     |
| 15:2 | 103-2083    | 1    | Lever-Lift           |
| 15:3 | 103-2064    | 1    | Arm-Lift, Deck       |
| 15:4 | 1-633325    | 1    | Spring-Compression   |
| 15:5 | 3296-39     | 1    | Nut-Lock, NI         |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 15:6 | 3256-24     | 1    | Washer-Flat              |
| 16   | 323-29      | 2    | Screw-HH                 |
| 18   | 103-1918    | 1    | Bushing                  |
| 21   | 323-11      | 1    | Screw-HH                 |
| 22   | 117-0366    | 1    | Plate-HOC, Outer         |
| 22:2 | 107-1860    | 1    | Decal-Height, Deck       |
| 22:4 | 117-2718    | 1    | Decal-Arrester, Spark    |
| 23   | 1-633068    | 2    | Arm-Lift, Deck           |
| 24   | 1-633082    | 1    | Bushing-Lever, Lift      |
| 25   | 117-0369    | 1    | Plate-HOC, Inner         |
| 25:2 | 107-1861    | 1    | Decal-Height, Deck       |
| 26   | 3290-357    | 17   | Nut-HHF, Whiz            |
| 27   | 109-8757    | 1    | Pin-HOC                  |
| 28   | 98-5975     | 12   | Washer-Belleville        |
| 29   | 323-7       | 12   | Screw-HH                 |
| 30   |             | 2    | Front Frame Spring ASM ● |
| 30:1 | 1-633096    | 1    | Rod-Lift, Deck           |
| 30:2 | 1-633441    | 2    | Swivel-Deck Mount, Rear  |
| 30:3 | 3217-11     | 4    | Nut-Hex                  |
| 30:4 | 3218-6      | 2    | Nut-Jam                  |
| 30:5 | 3256-7      | 2    | Washer-Flat              |
| 30:6 | 1-633064    | 1    | Spring-Support, Deck     |
| 31   | 3218-2      | 2    | Nut-Jam                  |
| 32   | 3274-18     | 2    | Screw-HSH                |

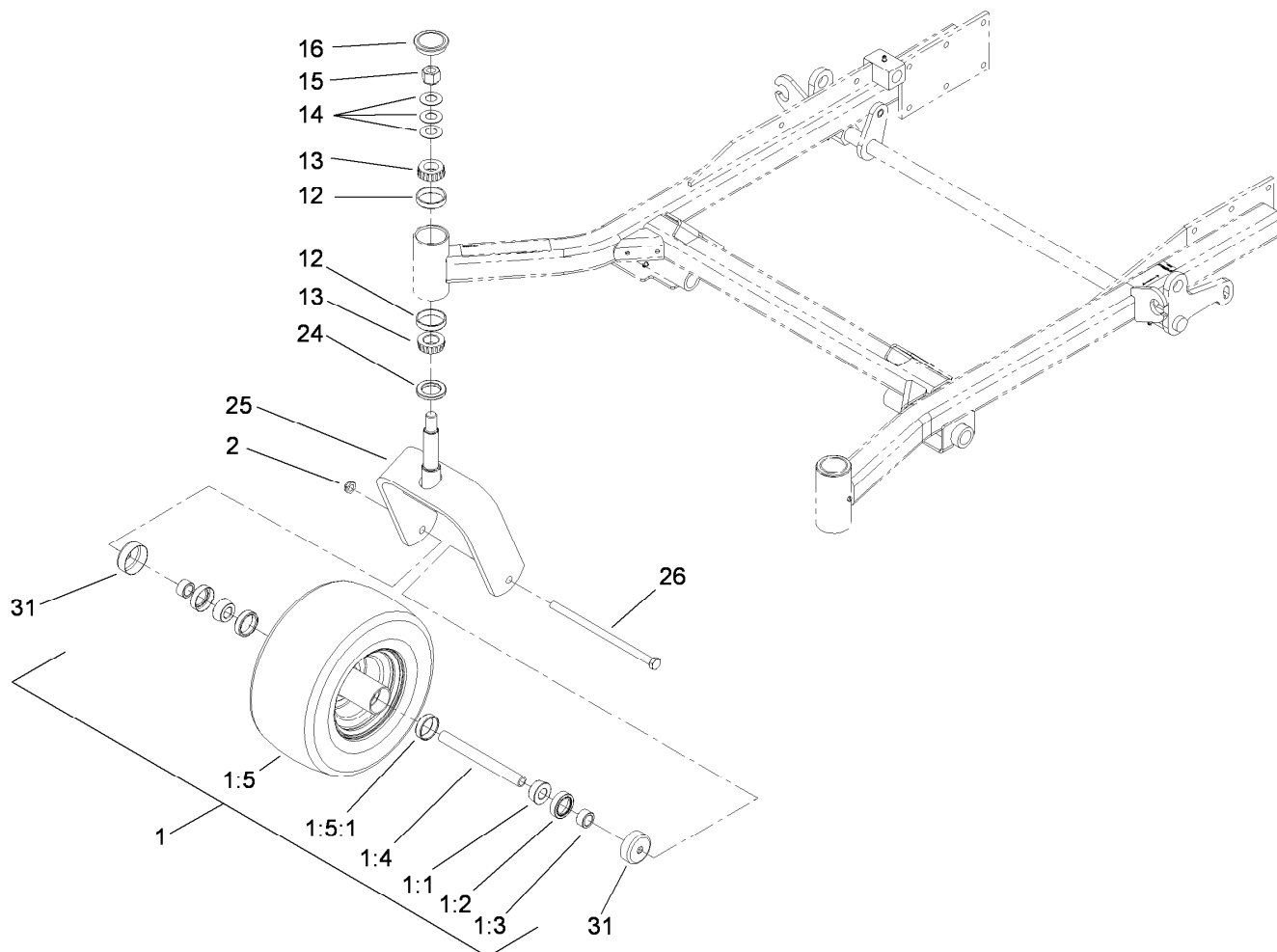
● Not serviced separately



## Front Frame Assembly (continued)

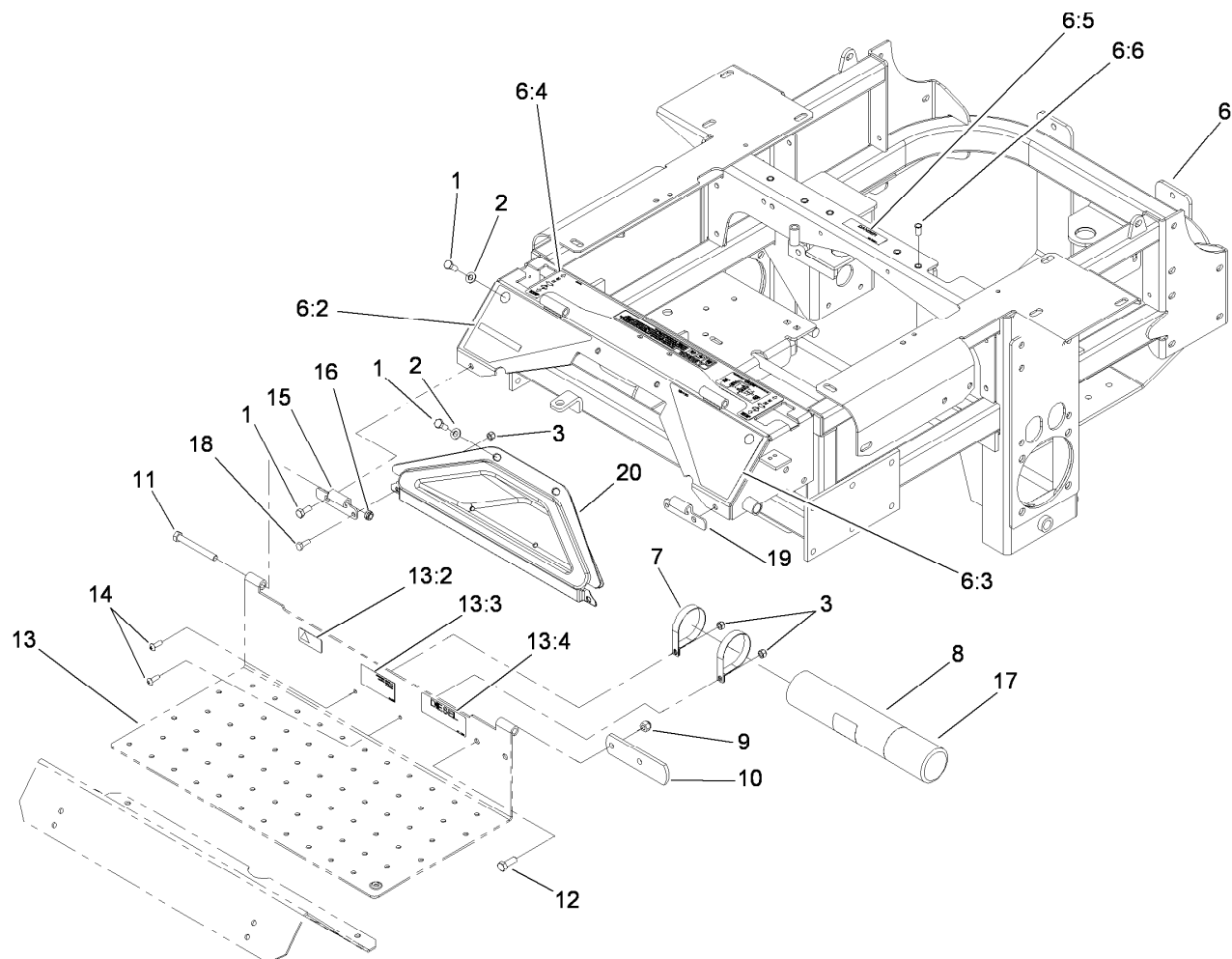
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 33   | 106-8984-01 | 1    | Lift-Deck, LH       |
| 34   | 1-633080    | 1    | Bushing-Lever, Lift |

● Not serviced separately



## Caster Wheel and Fork Assembly

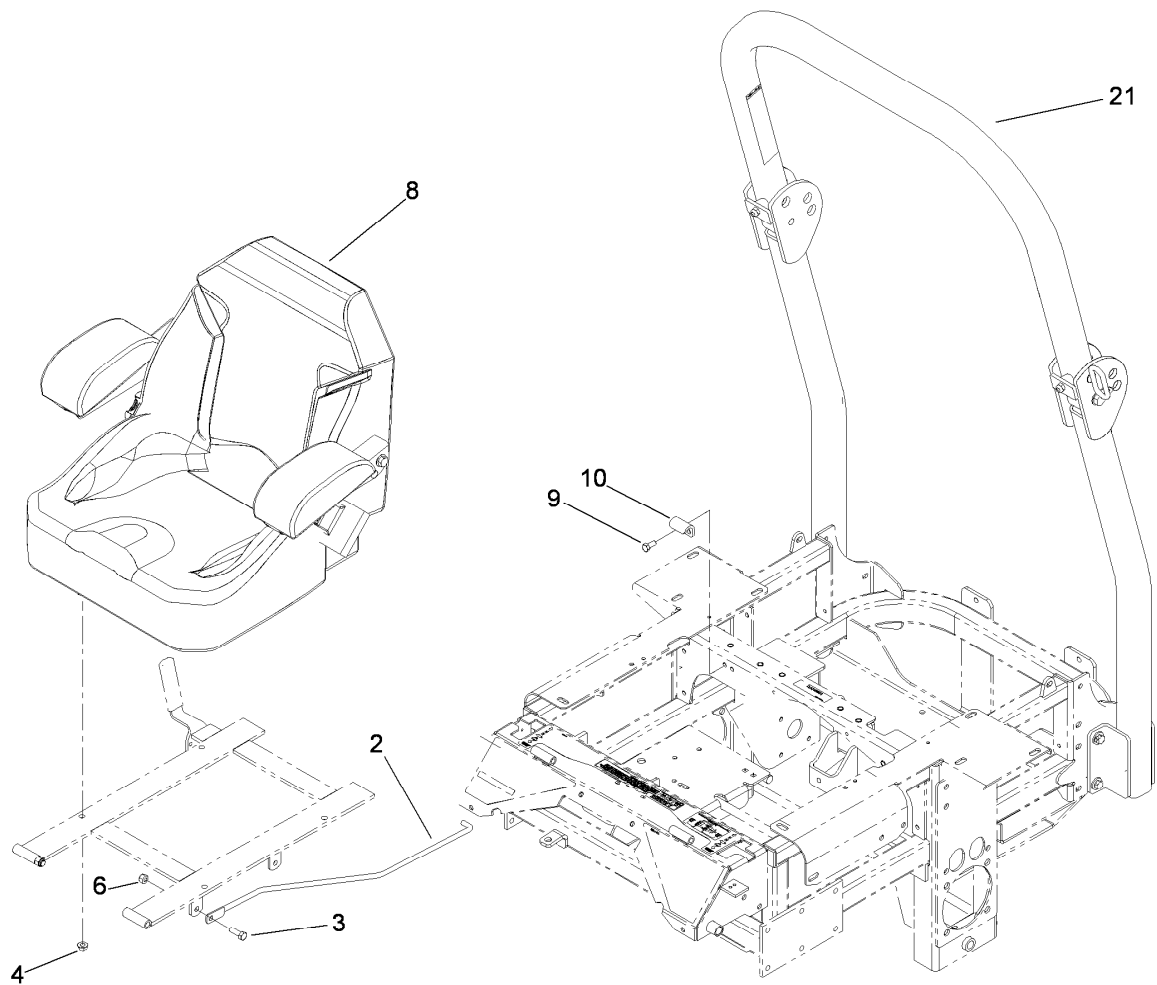
| Ref.  | Part Number | Qty. | Description           |
|-------|-------------|------|-----------------------|
| 1     | 109-9125    | 2    | Wheel And Tire ASM    |
| 1:1   | 1-633585    | 2    | Bearing-Cone, Taper   |
| 1:2   | 103-0063    | 2    | Seal-Caster           |
| 1:3   | 103-3051    | 2    | Spacer-Nut            |
| 1:4   | 103-5156    | 1    | Axle-Caster           |
| 1:5   | 109-9124    | 1    | Wheel And Tire ASM    |
| 1:5:1 | 1-633584    | 1    | Bearing-Cup           |
| 2     | 3296-45     | 2    | Nut-Hex               |
| 12    | 254-72      | 4    | Bearing-Cup, Tapered  |
| 13    | 254-94      | 4    | Bearing-Cone, Tapered |
| 14    | 1-633508    | 6    | Washer-Bellville      |
| 15    | 3296-51     | 2    | Nut-Lock, NI          |
| 16    | 103-4882    | 2    | Cap-Grease            |
| 24    | 1-543511    | 2    | Seal-Grease           |
| 25    | 103-1474-01 | 2    | Caster-Fork           |
| 26    | 325-39      | 2    | Screw-HH              |
| 31    | 103-2768    | 4    | Guard-Seal            |



## Traction Frame and Floor Pan Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 322-43      | 6    | Screw-HH             |
| 2    | 3256-70     | 4    | Washer-Flat          |
| 3    | 3296-42     | 4    | Nut-Lock, NI         |
| 6    | 114-8194    | 1    | Traction Frame ASM   |
| 6:2  | 106-9989    | 1    | Decal-Warning        |
| 6:3  | 106-7492    | 1    | Decal-Danger         |
| 6:4  | 110-0819    | 1    | Decal-Console, Top   |
| 6:5  | 98-5954     | 1    | Decal-Cover, Missing |
| 6:6  | 32148-11    | 5    | Nut-Clinch           |
| 7    | 107-1865    | 2    | R-Clamp              |
| 8    | 104-7050    | 1    | Tube-Manual          |
| 9    | 3296-39     | 2    | Nut-Lock, NI         |
| 10   | 1-633964-03 | 1    | Stop-Brake, Park     |

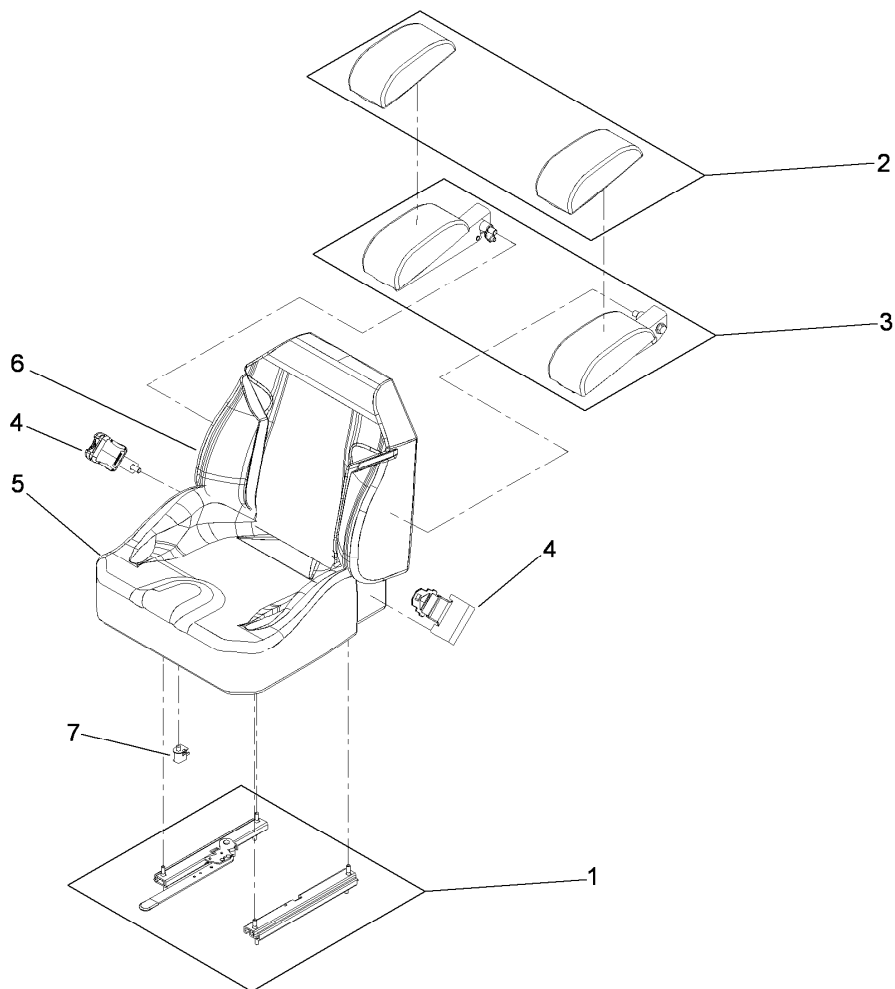
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 11   | 323-20      | 2    | Screw-HH                |
| 12   | 323-6       | 2    | Screw-HH                |
| 13   | 115-3852    | 1    | Floor Pan ASM           |
| 13:2 | 98-4387     | 1    | Decal-Protection, Ear   |
| 13:3 | 107-1864    | 1    | Decal-Location, Manual  |
| 13:4 | 114-5879    | 1    | Decal-Diesel, Bio-Ready |
| 14   | 3258-166    | 2    | Screw-PRH               |
| 15   | 106-7488-03 | 1    | Hinge-Floorpan, LH      |
| 16   | 3296-59     | 2    | Nut-Lock, NI            |
| 17   | 104-7048    | 1    | Cap-Housing             |
| 18   | 321-4       | 2    | Screw-HH                |
| 19   | 106-7489-03 | 1    | Hinge-Floorpan, RH      |
| 20   | 106-7498    | 1    | Pocket                  |



## Seat and Roll-Over Protection System Assembly

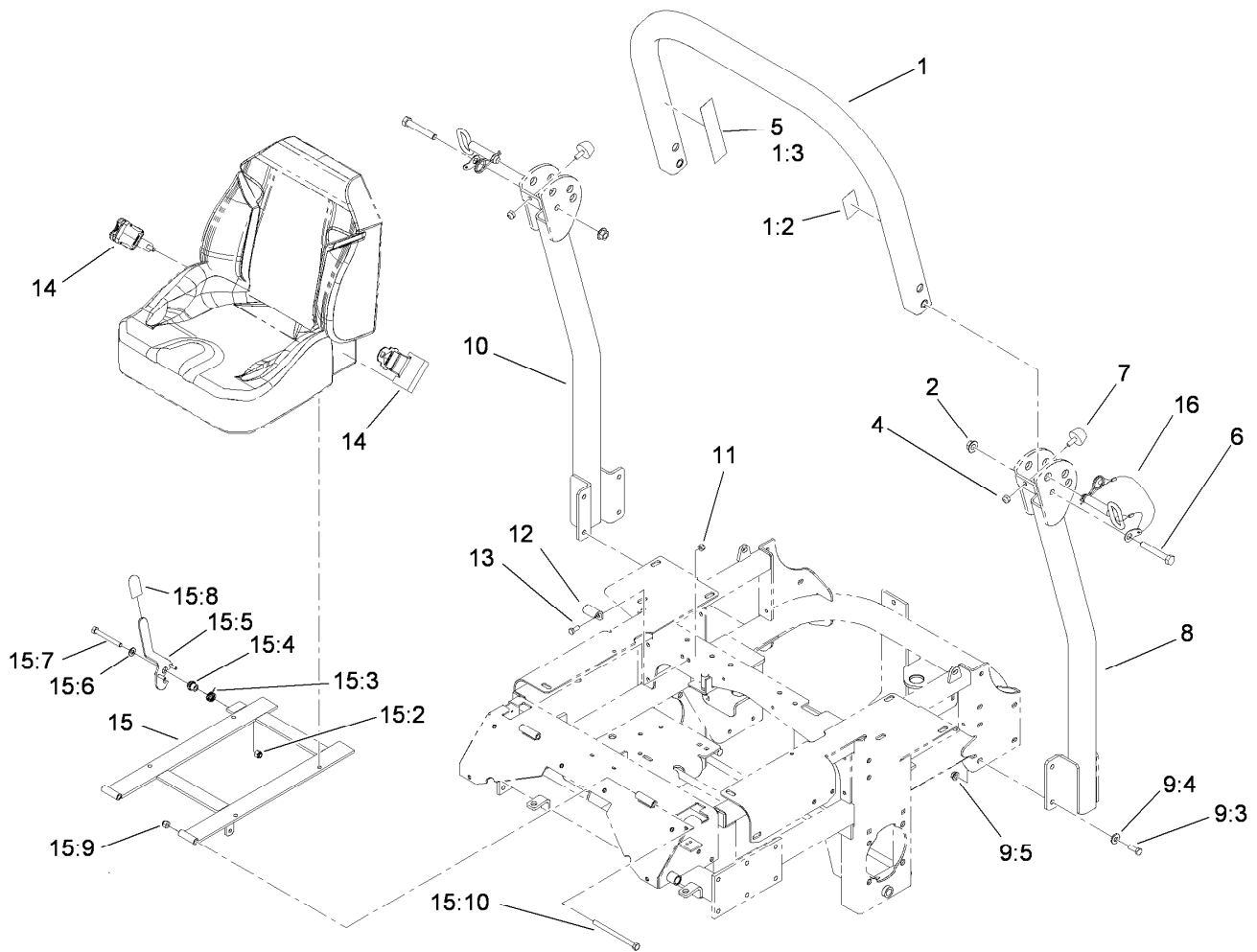
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 2    | 108-5341    | 1    | Rod-Prop, Seat    |
| 3    | 322-5       | 1    | Screw-HH          |
| 4    | 32128-20    | 4    | Nut-HF            |
| 6    | 3296-29     | 3    | Nut-Lock, NI      |
| 8    | 116-0035    | 1    | Seat-Standard     |
| 9    | 322-3       | 2    | Screw-HH          |
| 10   | 107-3058    | 1    | Catch-Latch, Seat |
| 21   | 117-3866    | 1    | ROPS Kit          |





## Seat Assembly No. 116-0035

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 109-9801           | 1           | Seat Track Set     |
| 2           | 109-9802           | 1           | Arm Rest Pad Set   |
| 3           | 109-9803           | 1           | Arm Rest Set       |
| 4           | 109-9805           | 1           | Seat Belt Kit      |
| 5           | 109-9806           | 1           | Cover-Cushion      |
| 6           | 109-9808           | 1           | Cover-Back         |
| 7           | 82-2190            | 1           | Switch-Bail        |



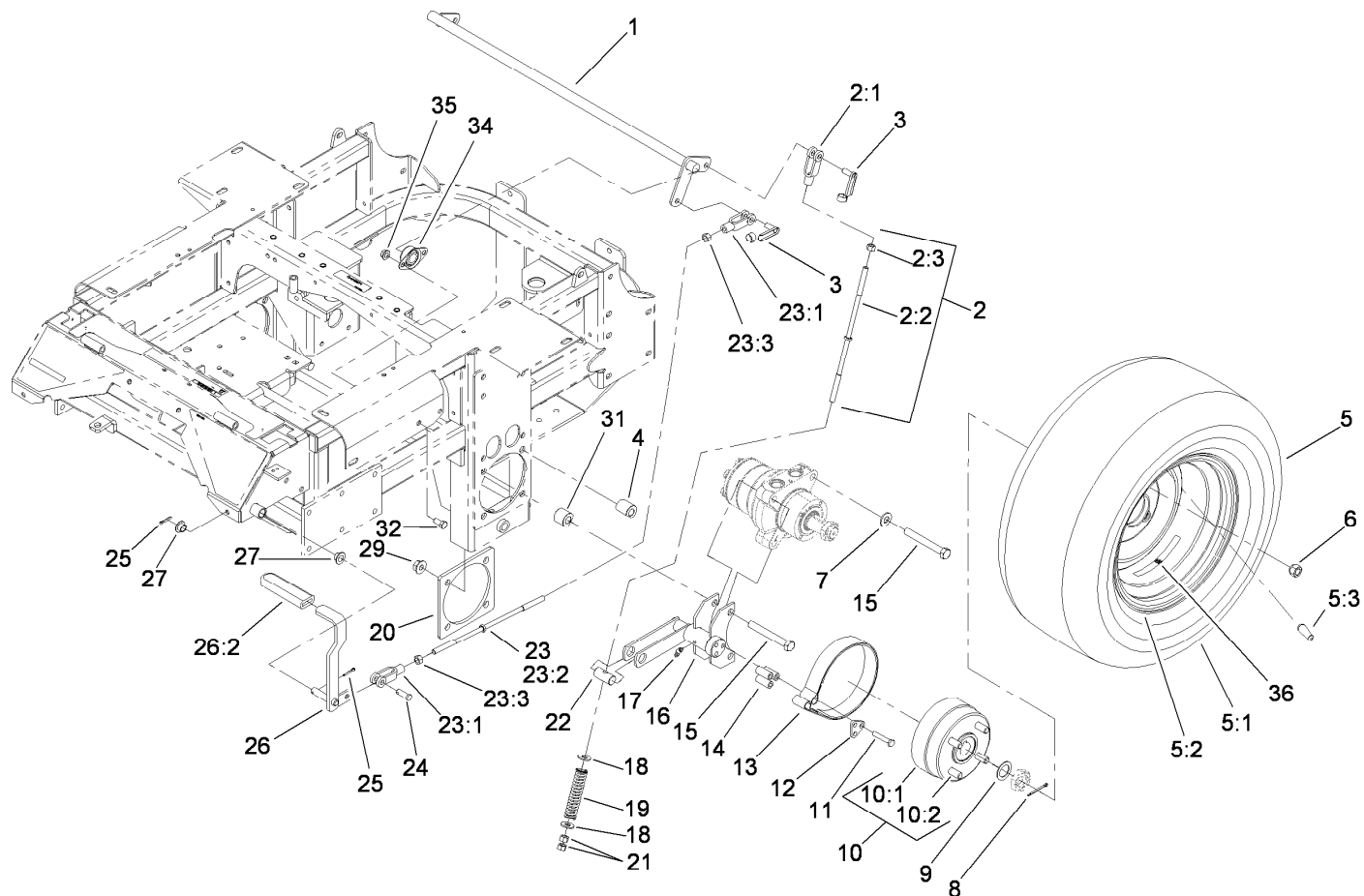
## Roll-Over Protection System Assembly No. 117-3866

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    |             | 1    | Upper Tube ASM ■            |
| 1:2  | 107-2101    | 1    | Decal-ROPS                  |
| 1:3  | 107-2102    | 1    | Decal-Warning, Folding ROPS |
| 2    | 32128-23    | 2    | Nut-HF                      |
| 4    | 3296-73     | 2    | Nut-Lock, NI                |
| 5    | 107-3069    | 1    | Decal-Warning               |
| 6    | 325-13      | 2    | Screw-HH                    |
| 7    | 109-2365    | 2    | Bumper-Rubber               |
| 8    |             | 1    | Tube-Support, LH ■          |
| 9    |             | 1    | Bag-Bolt, ROPS ● ■          |
| 9:3  | 323-6       | 8    | Screw-HH                    |
| 9:4  | 98-5975     | 8    | Washer-Belleville           |
| 9:5  | 3290-357    | 8    | Nut-HHF, Whiz               |
| 10   |             | 1    | Tube-Support, RH ■          |

| Ref.  | Part Number | Qty. | Description         |
|-------|-------------|------|---------------------|
| 11    | 3296-29     | 2    | Nut-Lock, NI        |
| 12    | 107-3058    | 1    | Catch-Latch, Seat   |
| 13    | 322-3       | 2    | Screw-HH            |
| 14    | 109-9805    | 1    | Seat Belt Kit       |
| 15    | 110-0874    | 1    | Seatframe ASM       |
| 15:2  | 3296-39     | 1    | Nut-Lock, NI        |
| 15:3  | 107-0076    | 1    | Spring-Torsion      |
| 15:4  | 107-0075    | 1    | Bushing-Latch, Seat |
| 15:5  | 107-3083    | 1    | Latch ASM           |
| 15:6  | 3256-24     | 1    | Washer-Flat         |
| 15:7  | 323-20      | 1    | Screw-HH            |
| 15:8  | 103-4434    | 1    | Grip-Lever          |
| 15:9  | 3296-39     | 2    | Nut-Lock, NI        |
| 15:10 | 323-39      | 2    | Screw-HH            |
| 16    | 103-4553    | 2    | Pin-Fold, ROPS      |

● Not illustrated

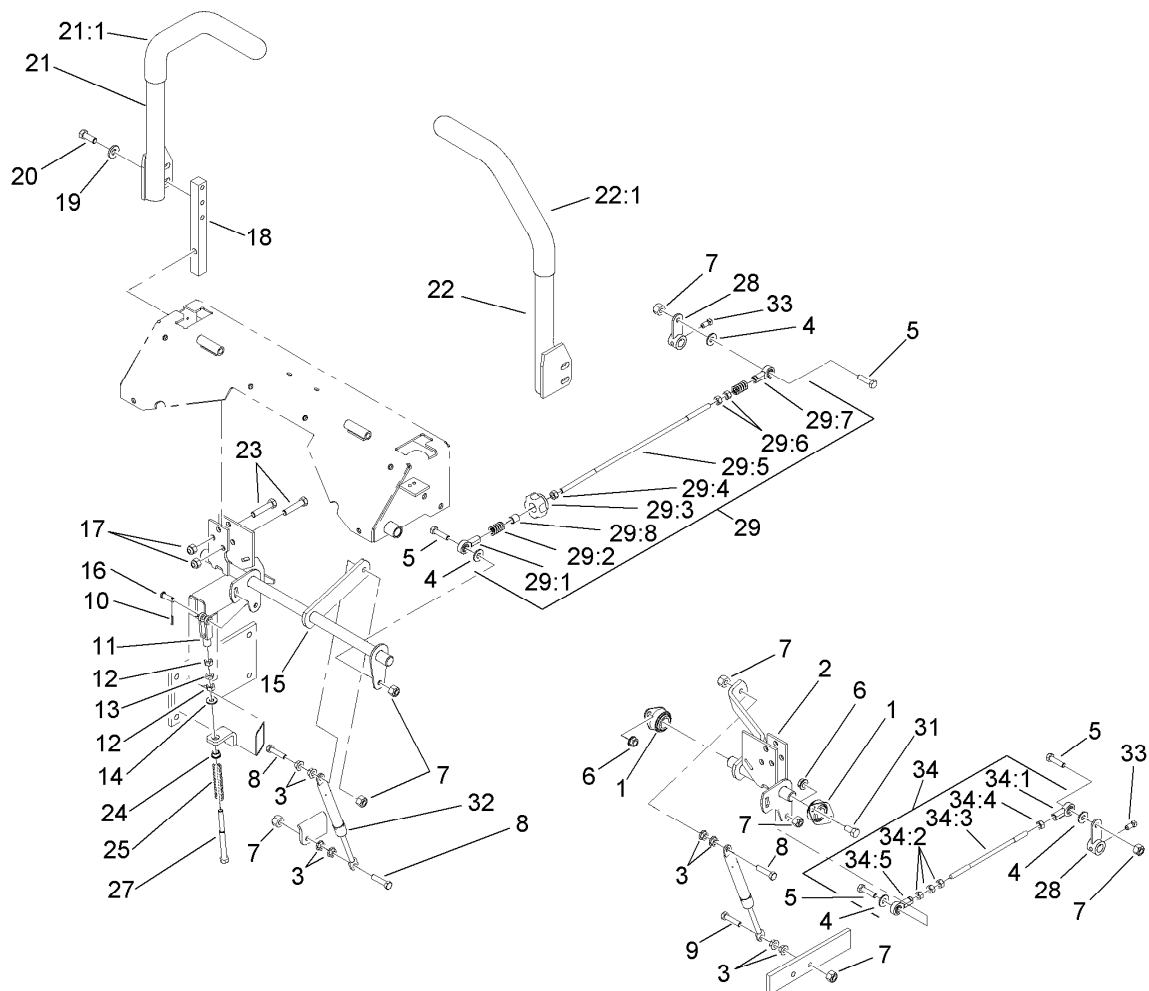
■ Not serviced separately



## Main Frame and Rear Wheel Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 1-632217-03 | 1    | Shaft-Brake          |
| 2    | 108-5963    | 2    | Brake Rod ASM        |
| 2:1  | 1-633131    | 1    | Yoke-Linkage, Brake  |
| 2:2  | 108-5980    | 1    | Rod-Brake            |
| 2:3  | 3219-3      | 1    | Nut-Hex              |
| 3    | 103-2399    | 3    | Pin-Spring, Clevis   |
| 4    | 114-1185    | 4    | Spacer-Wheel, Long   |
| 5    | 109-8972    | 2    | Wheel And Tire ASM   |
| 5:1  | 1-633993    | 1    | Tire                 |
| 5:2  | 109-3156    | 1    | Rim                  |
| 5:3  | 232-27      | 1    | Stem-Valve           |
| 6    | 242-50      | 8    | Nut-Lug              |
| 7    | 87-7270     | 4    | Washer-Thrust        |
| 8    | 1-806800    | 2    | Pin-Cotter           |
| 9    | 1-523157    | 2    | Washer-Spacer        |
| 10   | 103-0590    | 2    | Wheel Hub ASM        |
| 10:1 | 103-0589    | 1    | Hub-Wheel            |
| 10:2 | 1-633926    | 4    | Stud-Wheel           |
| 11   | 322-9       | 6    | Screw-HH             |
| 12   | 103-0374    | 2    | Retainer-Band, Brake |
| 13   | 103-0355    | 2    | Band-Brake           |
| 14   | 103-0384    | 6    | Spacer               |
| 15   | 325-18      | 8    | Screw-HH             |

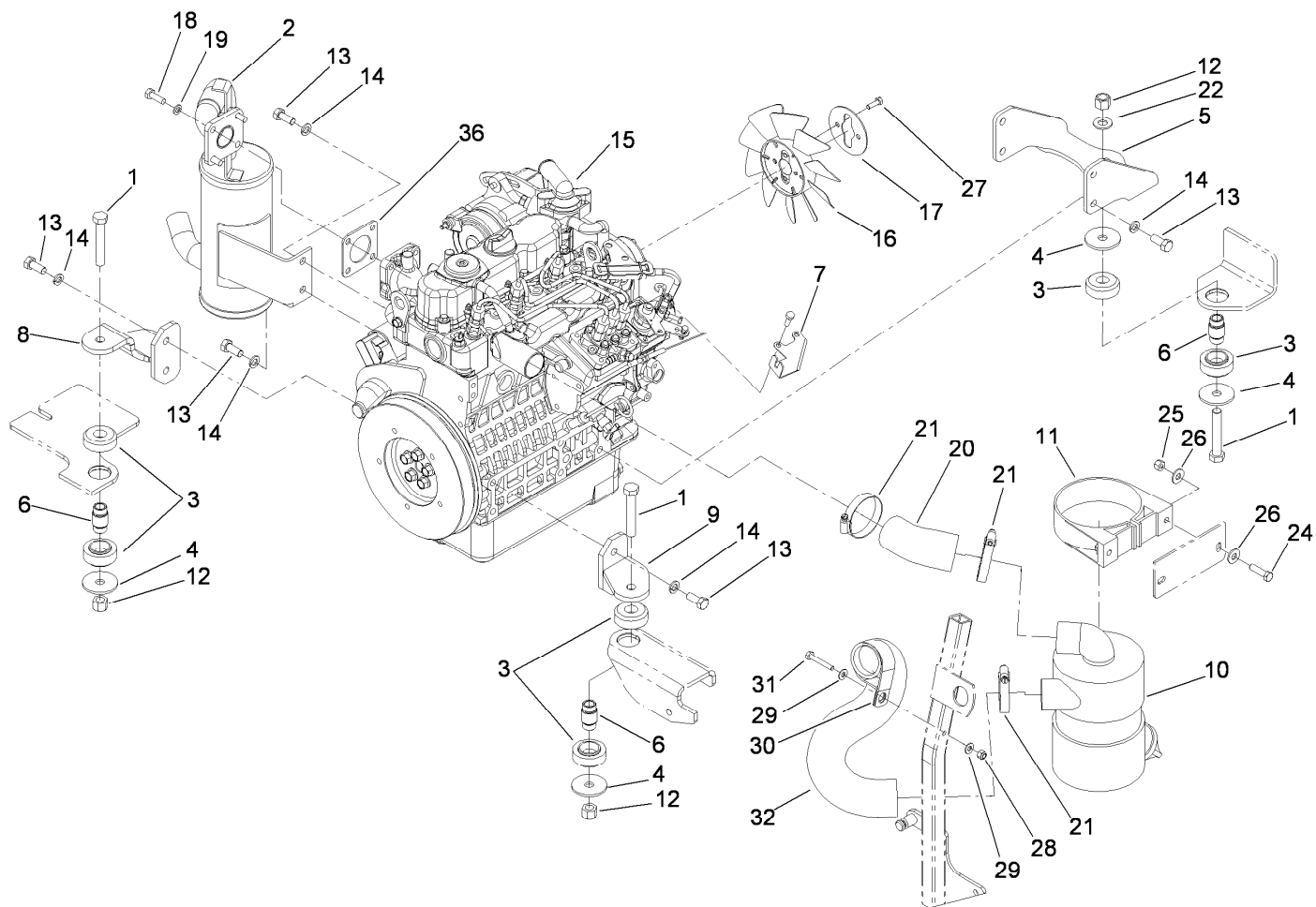
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 16   | 103-0352-03 | 2    | Bracket-Brake        |
| 17   | 1481        | 2    | Fitting-Grease       |
| 18   | 3256-4      | 4    | Washer-Flat          |
| 19   | 1-633454    | 2    | Spring-Brake         |
| 20   | 103-3271-03 | 2    | Plate-Reinforcement  |
| 21   | 3219-3      | 4    | Nut-Hex              |
| 22   | 1-633144    | 2    | Pin-Trunion          |
| 23   | 108-5962    | 1    | Brake Rod ASM        |
| 23:1 | 1-633131    | 2    | Yoke-Linkage, Brake  |
| 23:2 | 1-633477    | 1    | Rod-Brake            |
| 23:3 | 3219-3      | 2    | Nut-Hex              |
| 24   | 1-808285    | 1    | Pin-Clevis           |
| 25   | 3272-10     | 2    | Pin-Cotter           |
| 26   | 1-634500    | 1    | Brake Lever ASM      |
| 26:2 | 1-633268    | 1    | Grip-Lever           |
| 27   | 1-513140    | 2    | Bearing-Control      |
| 29   | 32128-49    | 8    | Nut-HHF              |
| 31   | 114-1184    | 4    | Spacer-Wheel, Short  |
| 32   | 323-4       | 4    | Screw-HH             |
| 34   | 1-633102    | 2    | Bearing-Flange, Side |
| 35   | 3290-357    | 4    | Nut-HHF, Whiz        |
| 36   | 109-7949    | 2    | Decal                |



## Hydro Control Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 1-633102    | 4    | Bearing-Flange, Side |
| 2    | 107-3480    | 1    | Control-Motion, LH   |
| 3    | 32128-20    | 10   | Nut-HF               |
| 4    | 3256-3      | 4    | Washer-Flat          |
| 5    | 322-6       | 4    | Screw-HH             |
| 6    | 3290-357    | 6    | Nut-HHF, Whiz        |
| 7    | 3296-29     | 8    | Nut-Lock, NI         |
| 8    | 1-403180    | 3    | Screw-HH             |
| 9    | 322-41      | 1    | Screw-HH             |
| 10   | 3272-5      | 2    | Pin-Cotter           |
| 11   | 1-303105    | 2    | Yoke-Adjustable      |
| 12   | 3219-2      | 4    | Nut-Hex              |
| 13   | 3220-2      | 2    | Nut-Jam              |
| 14   | 3256-2      | 2    | Washer-Flat          |
| 15   | 107-3481    | 1    | Control-Motion, RH   |
| 16   | 1-808280    | 2    | Pin-Clevis           |
| 17   | 3296-39     | 6    | Nut-Lock, NI         |
| 18   | 103-0407    | 2    | Arm-Shaft, Control   |
| 19   | 98-5975     | 4    | Washer-Belleville    |
| 20   | 323-6       | 4    | Screw-HH             |
| 21   | 108-7237    | 1    | RH Lever ASM         |
| 21:1 | 106-9987    | 1    | Grip-Control, Motion |
| 22   | 108-7238    | 1    | LH Lever ASM         |
| 22:1 | 106-9987    | 1    | Grip-Control, Motion |

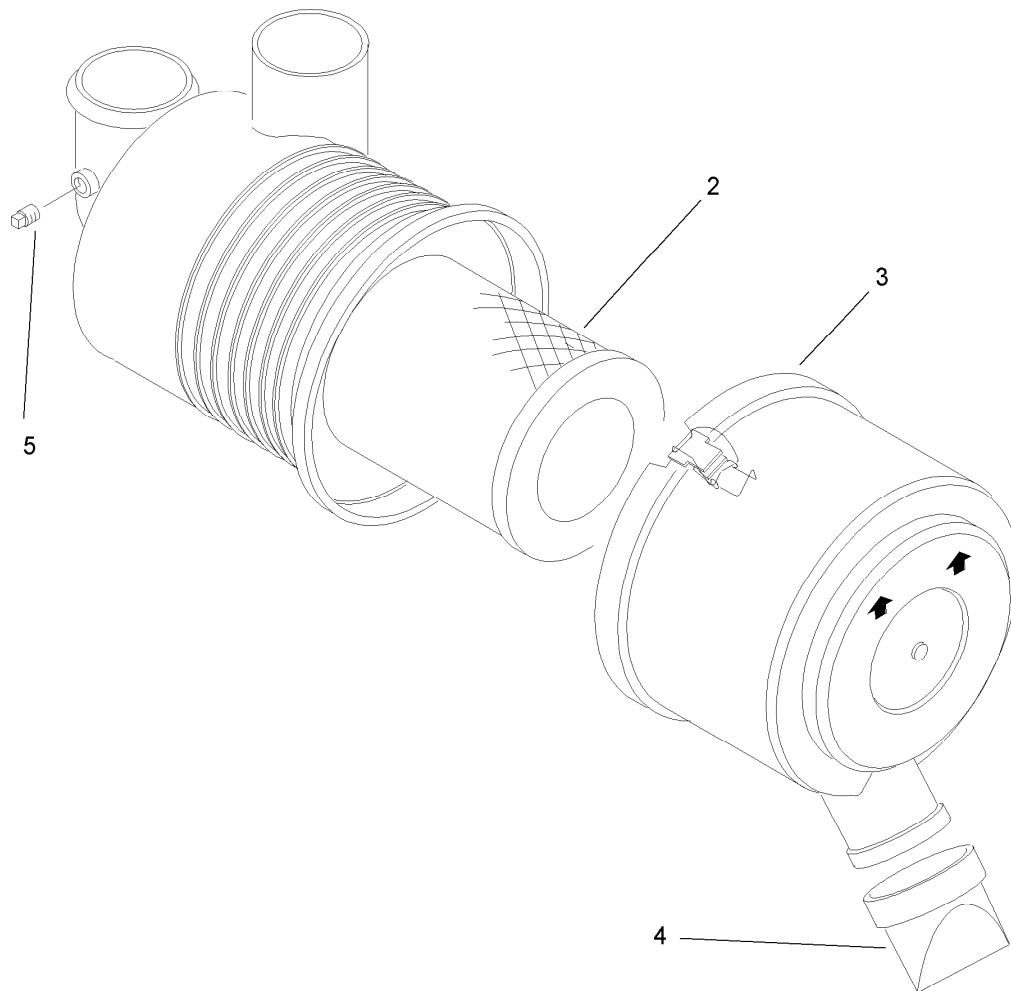
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 23   | 323-9       | 6    | Screw-HH               |
| 24   | 1-603735    | 2    | Bushing-Flanged        |
| 25   | 1-603807    | 2    | Spring-Return, Neutral |
| 27   | 1-603737    | 2    | Bolt-Return, Neutral   |
| 28   | 107-3470-03 | 2    | Arm-Control, Hydraulic |
| 29   | 107-3474    | 1    | RH Control Rod ASM     |
| 29:1 | 1-543017    | 1    | Balljoint-RH           |
| 29:2 | 1-323245    | 2    | Spring-Compression     |
| 29:3 | 103-3060    | 1    | Knob-Tracking          |
| 29:4 | 3219-2      | 1    | Nut-Hex                |
| 29:5 | 107-3472    | 1    | Rod-Control, RH        |
| 29:6 | 1-804524    | 2    | Nut                    |
| 29:7 | 1-633152    | 1    | Balljoint-LH           |
| 29:8 | 103-1166    | 1    | Spacer-Tube, Pump Link |
| 31   | 323-4       | 6    | Screw-HH               |
| 32   | 109-2339    | 2    | Damper-Control, Motion |
| 33   | 1-803022    | 2    | Screw-Set              |
| 34   | 107-3475    | 1    | LH Control Rod ASM     |
| 34:1 | 1-543017    | 1    | Balljoint-RH           |
| 34:2 | 3219-2      | 3    | Nut-Hex                |
| 34:3 | 107-3473    | 1    | Rod-Control, LH        |
| 34:4 | 1-804524    | 1    | Nut                    |
| 34:5 | 1-633152    | 1    | Balljoint-LH           |



## Engine, Exhaust and Air Intake Assembly

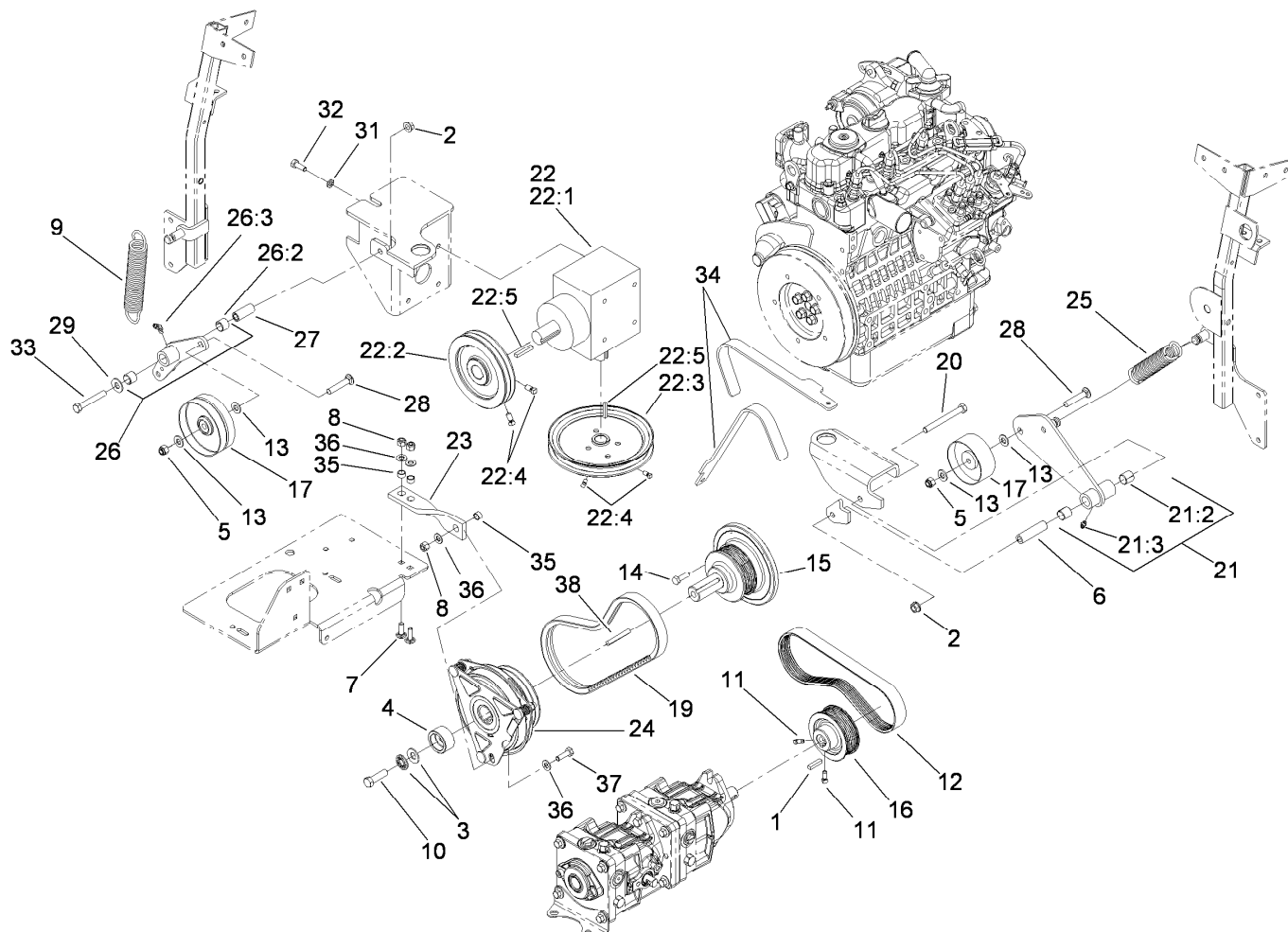
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 325-12      | 3    | Screw-HH                   |
| 2    | 107-9909    | 1    | Muffler                    |
| 3    | 107-9914    | 3    | Mount-Isolation ASM        |
| 4    | 55-7960     | 4    | Washer-Large               |
| 5    | 107-9917-03 | 1    | Bracket-Engine Mount, Rear |
| 6    | 110-0300    | 3    | Spacer                     |
| 7    | 112-2383    | 1    | Bracket-Throttle           |
| 8    | 107-9920-03 | 1    | Support-Engine, RH         |
| 9    | 107-9930-03 | 1    | Support-Engine, LH         |
| 10   | 93-2190     | 1    | Air Cleaner ASM            |
| 11   | 95-5806     | 1    | Bracket-Mounting           |
| 12   | 3296-23     | 3    | Nut-Lock, NI               |
| 13   | 43-0090     | 10   | Screw-HH                   |
| 14   | 42-9600     | 10   | Washer-Lock                |
| 15   | 114-8170    | 1    | Engine-Kubota              |
| 16   | 110-0814    | 1    | Fan                        |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 17   | 110-0816    | 1    | Plate-Reatainer, Fan     |
| 18   | 33114-025   | 4    | Screw-HH                 |
| 19   | 3253-4      | 4    | Washer-Lock              |
| 20   | 108-5371    | 1    | Hose-Intake, Air Cleaner |
| 21   | 1-643009    | 3    | Clamp-Hose               |
| 22   | 3256-26     | 1    | Washer-Flat              |
| 24   | 322-6       | 2    | Screw-HH                 |
| 25   | 3296-29     | 2    | Nut-Lock, NI             |
| 26   | 3256-23     | 4    | Washer-Plain             |
| 27   | 33113-020   | 2    | Screw-HH                 |
| 28   | 3296-42     | 1    | Nut-Lock, NI             |
| 29   | 3256-22     | 2    | Washer-Flat              |
| 30   | 1-643241    | 1    | Clip-Loom                |
| 31   | 321-10      | 1    | Screw-HH                 |
| 32   | 108-5370    | 1    | Hose-Intake, Engine      |
| 36   | 99-8343     | 1    | Gasket-Muffler           |



## Air Cleaner Assembly No. 93-2190

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 2           | 108-3811           | 1           | Filter-Air         |
| 3           | 94-3652            | 1           | Cover ASM          |
| 4           | 87-9400            | 1           | Valve-Vacuator     |
| 5           | 285-17             | 1           | Plug-Pipe          |

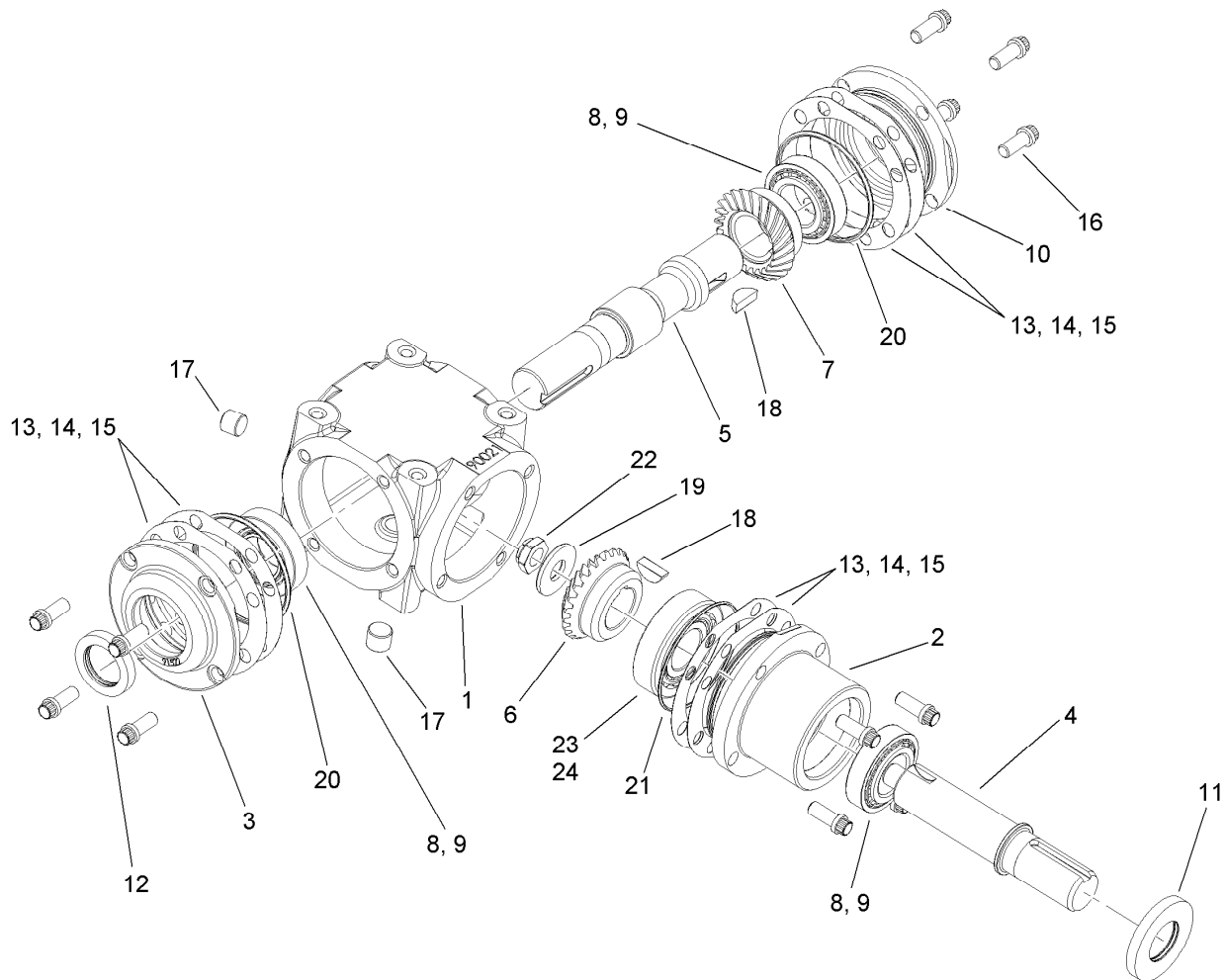


## Hydro and Gearbox Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 5-0698      | 1    | Key                  |
| 2    | 3290-357    | 2    | Nut-HHF, Whiz        |
| 3    | 1-603610    | 2    | Washer-Spring        |
| 4    | 114-8152    | 1    | Retainer-Clutch      |
| 5    | 3296-39     | 2    | Nut-Lock, NI         |
| 6    | 1-603384    | 1    | Bushing-Pivot, Idler |
| 7    | 3230-22     | 2    | Screw-CARR           |
| 8    | 3296-29     | 3    | Nut-Lock, NI         |
| 9    | 110-0822    | 1    | Spring-Extension     |
| 10   | 3212-6      | 1    | Screw-HH             |
| 11   | 1-803022    | 2    | Screw-Set            |
| 12   | 110-3865    | 1    | Belt-V, Ribbed       |
| 13   | 3256-24     | 5    | Washer-Flat          |
| 14   | 33114-025   | 5    | Screw-HH             |
| 15   | 112-2335    | 1    | Shaft-Stub           |
| 16   | 110-3864    | 1    | Pulley               |
| 17   | 108-5910    | 2    | Pulley-Flat          |
| 19   | 110-3866    | 1    | Belt-V               |
| 20   | 323-15      | 1    | Screw-HH             |
| 21   | 108-5939    | 1    | Pump Idler Arm ASM   |
| 21:2 | 1-513034    | 2    | Sleeve-Bearing       |
| 21:3 | 302-5       | 1    | Fitting-Grease       |
| 22   |             | 1    | Gearbox ●            |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 22:1 | 107-9887    | 1    | Gearbox-90 DEG         |
| 22:2 | 110-3862    | 1    | Pulley                 |
| 22:3 | 110-0892    | 1    | Pulley                 |
| 22:4 | 1-803022    | 4    | Screw-Set              |
| 22:5 | 67-7490     | 2    | Key-Square             |
| 23   | 112-1781    | 1    | Strap-Stop, Clutch     |
| 24   | 112-2320    | 1    | Clutch-Magnetic        |
| 25   | 108-5985    | 1    | Spring-Extension       |
| 26   | 112-2356    | 1    | Gearbox Idler Arm ASM  |
| 26:2 | 103-4681    | 2    | Sleeve-Bearing         |
| 26:3 | 1481        | 1    | Fitting-Grease         |
| 27   | 1-603044    | 1    | Bushing                |
| 28   | 3231-6      | 2    | Screw-CARR             |
| 29   | 3256-4      | 1    | Washer-Flat            |
| 31   | 3253-4      | 4    | Washer-Lock            |
| 32   | 322-4       | 4    | Screw-HH               |
| 33   | 323-12      | 1    | Screw-HH               |
| 34   | 110-0876    | 1    | Tool-Alignment, Pulley |
| 35   | 65-9820     | 3    | Spacer                 |
| 36   | 3256-23     | 4    | Washer-Plain           |
| 37   | 322-5       | 1    | Screw-HH               |
| 38   | 5-1336      | 1    | Key-Square             |

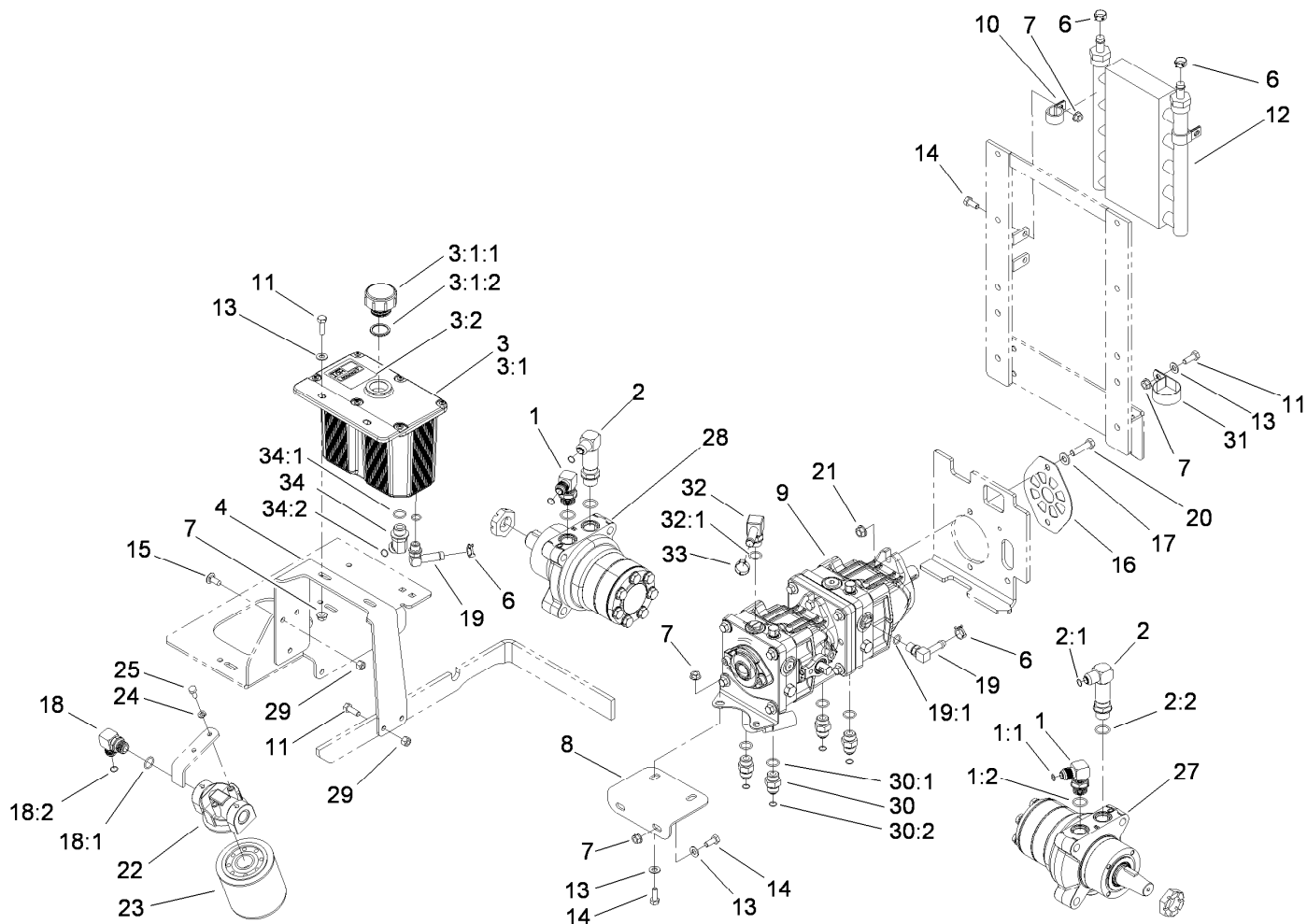
● Not serviced separately



## Gearbox Assembly No. 107-9887

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 110-0843    | 1    | Case               |
| 2    | 110-0853    | 1    | Housing-Pinion     |
| 3    | 100-4566    | 1    | Cap-End, Open      |
| 4    | 110-0844    | 1    | Shaft-Pinion       |
| 5    | 110-0845    | 1    | Shaft-Cross        |
| 6    | 110-0847    | 1    | Gear-Shaft, Cross  |
| 7    | 110-0846    | 1    | Gear-Pinion        |
| 8    | 110-0848    | 3    | Bearing-Cup        |
| 9    | 110-0849    | 3    | Bearing-Cone       |
| 10   | 100-4574    | 1    | Cap-End, Closed    |
| 11   | 100-4575    | 1    | Seal               |
| 12   | 110-0850    | 1    | Seal-Shaft, Cross  |
| 13   | 100-4591    | 1    | Shim-Brown, .010In |
| 14   | 100-4592    | 1    | Shim-Blue, .005In  |
| 15   | 100-4593    | 1    | Shim-Green, .003In |
| 16   | 100-4578    | 12   | Screw              |
| 17   | 100-4579    | 2    | Plug               |
| 18   | 3257-33     | 2    | Key-Woodruff       |
| 19   | 100-4581    | 1    | Washer             |
| 20   | 100-4582    | 2    | O-Ring             |
| 21   | 110-0851    | 1    | O-Ring             |
| 22   | 110-0852    | 1    | Nut Lock           |
| 23   | 100-5817    | 1    | Bearing-Cup        |
| 24   | 100-5816    | 1    | Bearing-Cone       |



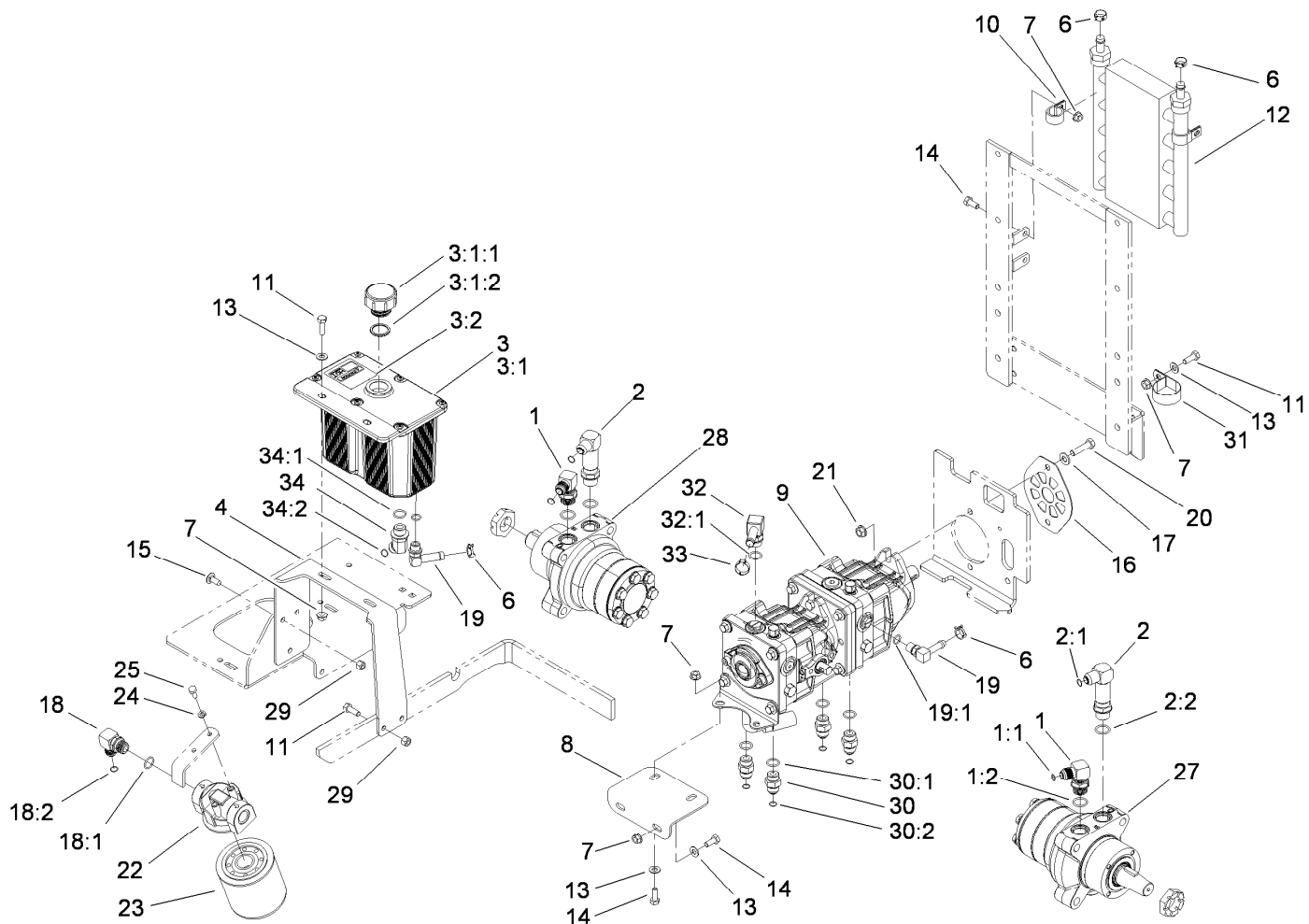


## Hydraulic Tank, Pump and Motor Assembly

| Ref.  | Part Number | Qty. | Description             |
|-------|-------------|------|-------------------------|
| 1     | 1-633605    | 2    | Fitting-HYD, 90 DEG     |
| 1:1   | 1-603992    | 1    | O-Ring                  |
| 1:2   | 237-80      | 1    | O-Ring                  |
| 2     | 108-5323    | 2    | Fitting-Elbow-90        |
| 2:1   | 1-603992    | 1    | O-Ring                  |
| 2:2   | 237-80      | 1    | O-Ring                  |
| 3     | 108-5315    | 1    | Hydraulic Tank ASM      |
| 3:1   |             | 1    | Tank-Hydraulic ●        |
| 3:1:1 | 103-1948    | 1    | Cap-Reservoir, HYD      |
| 3:1:2 | 103-1949    | 1    | Gasket-Cap              |
| 3:2   | 1-523552    | 1    | Decal-Tank, HYD         |
| 4     | 108-5352-03 | 1    | Bracket-Tank, Hydraulic |
| 6     | 110-6242    | 4    | Clamp-Hose              |
| 7     | 32128-20    | 11   | Nut-HF                  |
| 8     | 107-3462-03 | 1    | Bracket-Pump, Front     |
| 9     | 107-9885    | 1    | Tandem Pump ASM         |
| 10    | 110-0824    | 4    | R-Clamp                 |
| 11    | 322-5       | 4    | Screw-HH                |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 12   | 114-8168    | 1    | Cooler-Oil, Hydro     |
| 13   | 3256-23     | 7    | Washer-Plain          |
| 14   | 322-3       | 8    | Screw-HH              |
| 15   | 3230-23     | 3    | Screw-CARR            |
| 16   | 108-5367-03 | 1    | Plate-Shield, Pump    |
| 17   | 3256-24     | 2    | Washer-Flat           |
| 18   | 103-2153    | 1    | Fitting-90 DEG        |
| 18:1 | 1-603920    | 1    | O-Ring                |
| 18:2 | 1-603992    | 1    | O-Ring                |
| 19   | 109-6449    | 2    | Fitting-Elbow, 90     |
| 19:1 | 237-42      | 1    | O-Ring                |
| 20   | 323-8       | 2    | Screw-HH              |
| 21   | 3290-357    | 2    | Nut-HHF, Whiz         |
| 22   | 86-9080     | 1    | Head-Filter           |
| 23   | 67-8110     | 1    | Cartridge-Filter, Oil |
| 24   | 1-805004    | 2    | Washer-Lock           |
| 25   | 321-3       | 2    | Screw-HH              |
| 27   | 112-8357    | 1    | HYD Motor ASM (CCW)   |

● Not serviced separately

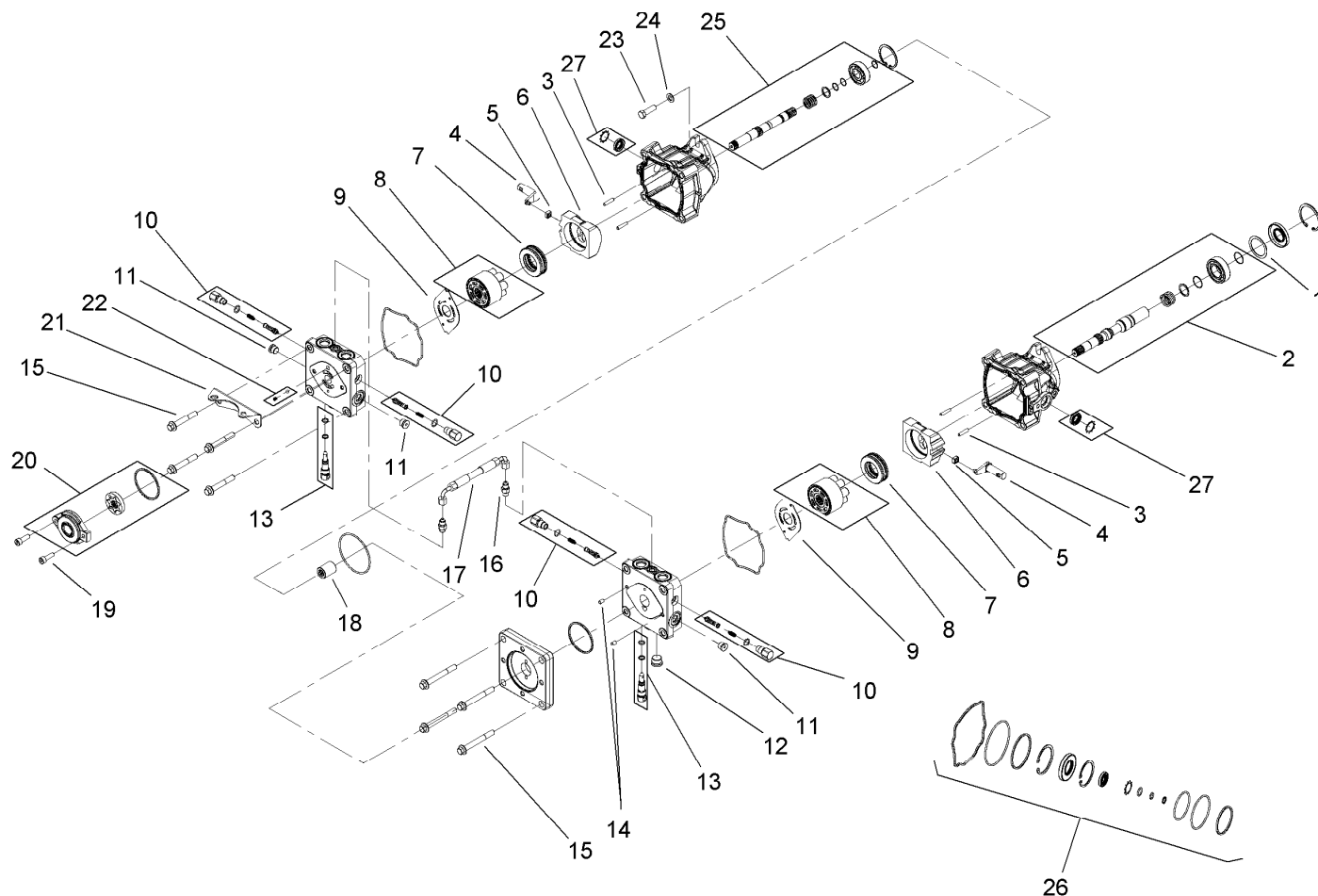


## Hydraulic Tank, Pump and Motor Assembly (continued)

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 28   | 112-8358    | 1    | HYD Motor ASM (CW) |
| 29   | 3296-29     | 4    | Nut-Lock, NI       |
| 30   | 1-603990    | 4    | Fitting-Straight   |
| 30:1 | 1-603920    | 1    | O-Ring             |
| 30:2 | 1-603992    | 1    | O-Ring             |
| 31   | 2412-147    | 1    | Clamp-R            |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 32   | 108-5316    | 1    | Fitting-Elbow, 90 DEG |
| 32:1 | 237-79      | 1    | O-Ring                |
| 33   | 103-2104    | 1    | Clamp-Hose            |
| 34   | 1-523221    | 1    | Fitting-HYD, 45 DEG   |
| 34:1 | 1-603920    | 1    | O-Ring                |
| 34:2 | 1-603992    | 1    | O-Ring                |

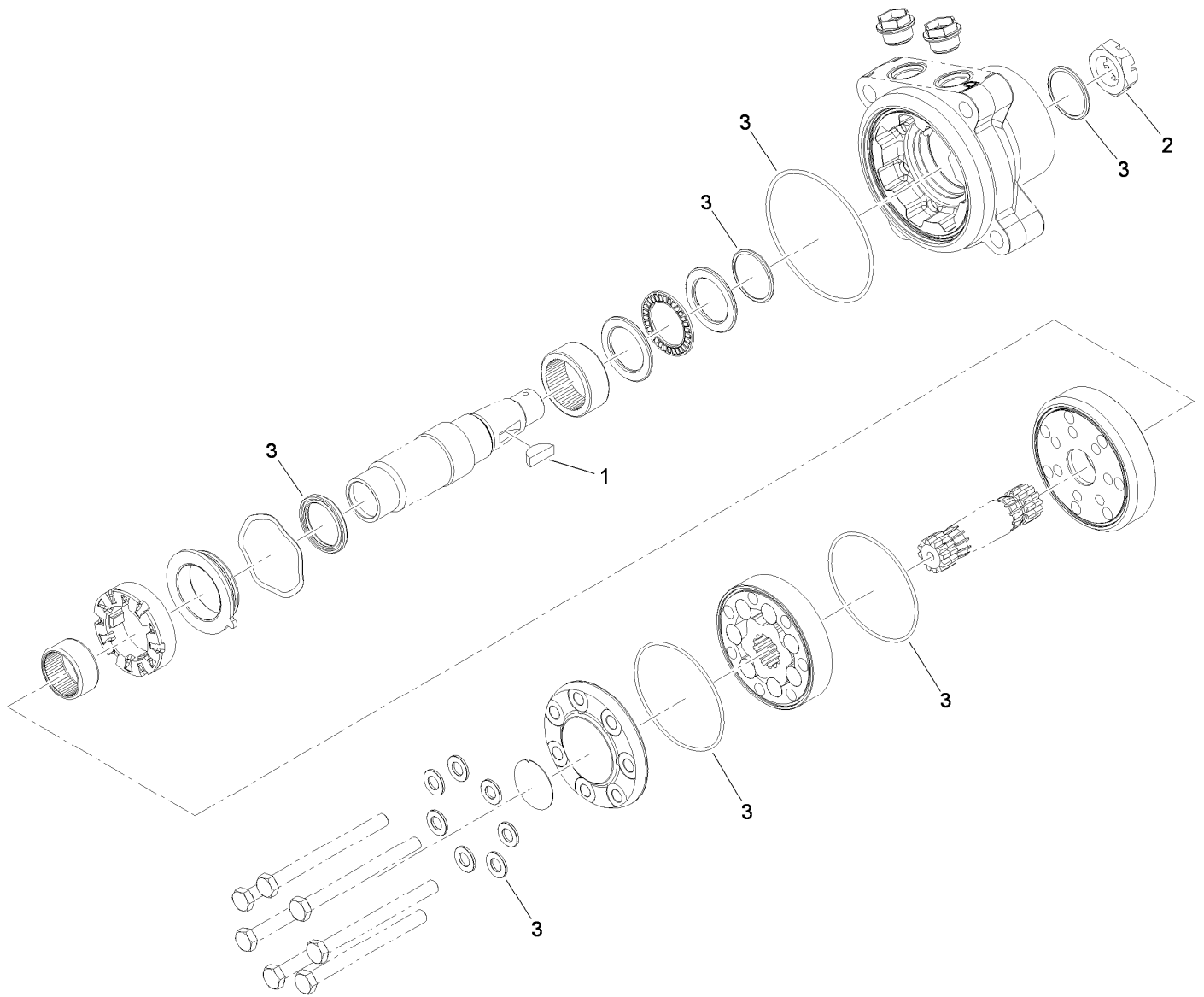
● Not serviced separately



## Tandem Pump Assembly No. 107-9885

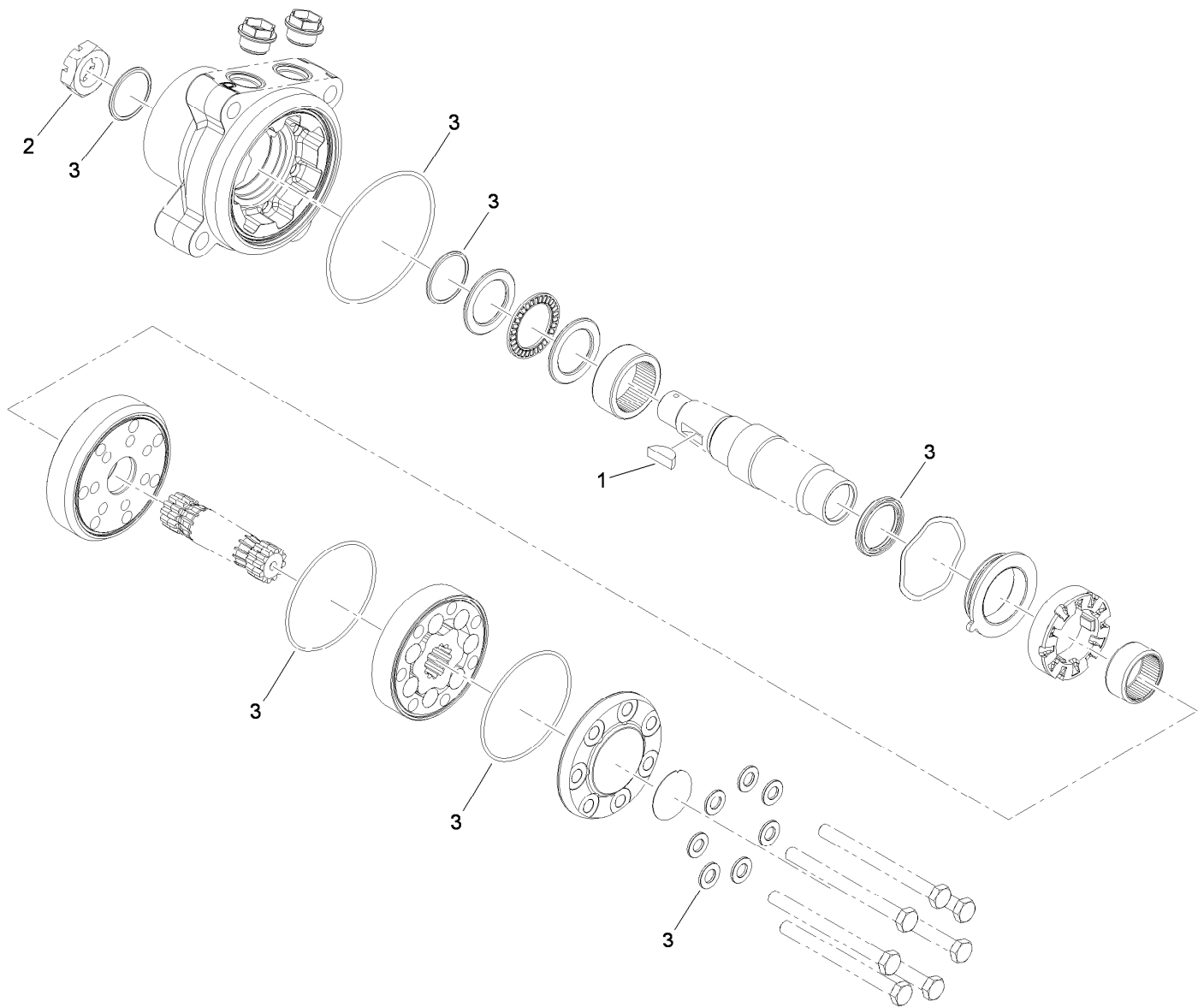
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 112-4168    | 1    | Spacer                 |
| 2    | 112-4151    | 1    | Input Pump Shaft Kit   |
| 3    | 106-8753    | 4    | Pin-Headless, Straight |
| 4    | 112-4152    | 2    | Arm-Trunnion           |
| 5    | 94-1910     | 2    | Guide-Slot             |
| 6    | 112-4153    | 2    | Swashplate             |
| 7    | 112-4154    | 2    | Bearing-Thrust         |
| 8    | 108-2112    | 2    | Cylinder Block Kit     |
| 9    | 108-6801    | 2    | Plate-Valve            |
| 10   | 112-4155    | 4    | Shock Valve Kit        |
| 11   | 104-2189    | 3    | Plug-Thread, Straight  |
| 12   | 112-4156    | 1    | Plug-Steel             |
| 13   | 106-8759    | 2    | Bypass Valve Kit       |
| 14   | 104-2170    | 2    | Pin                    |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 15   | 112-4157    | 8    | Bolt                  |
| 16   | 117-7842    | 2    | Fitting-Straight      |
| 17   | 117-7843    | 1    | Hose ASM              |
| 18   | 112-4160    | 1    | Coupling              |
| 19   | 112-4161    | 2    | Bolt                  |
| 20   | 112-4162    | 1    | Charge Pump Kit       |
| 21   | 112-4163    | 1    | Bracket-Support, Pump |
| 22   | 112-4164    | 1    | Charge Relief Kit     |
| 23   | 112-4165    | 2    | Bolt-HSH              |
| 24   | 112-4166    | 2    | Washer                |
| 25   | 112-4167    | 1    | Second Pump Shaft Kit |
| 26   | 112-4150    | 1    | Overhaul Seal Kit     |
| 27   | 114-8155    | 1    | Trunnion Seal Kit     |



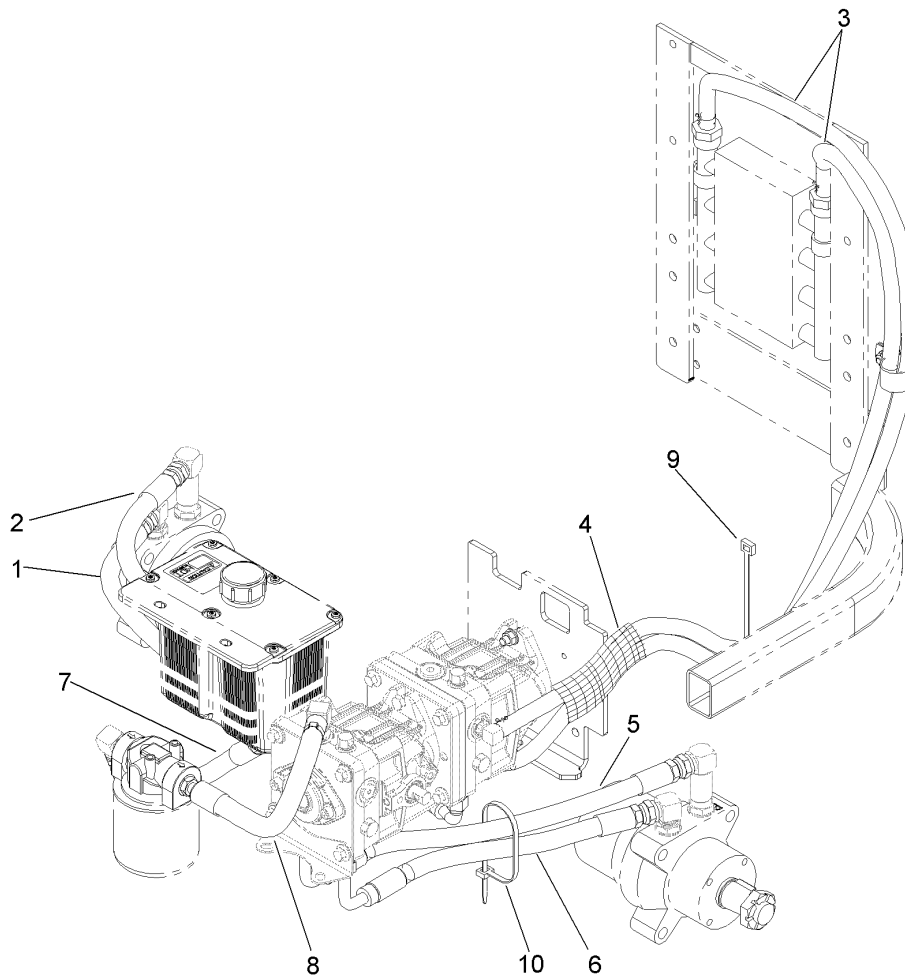
## Hydraulic Motor Assembly No. 112-8357 (CCW)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 1           | 3257-42            | 1           | Key-Woodruff         |
| 2           | 1-809036           | 1           | Nut-HH               |
| 3           | 109-5966           | 1           | Wheel Motor Seal Kit |



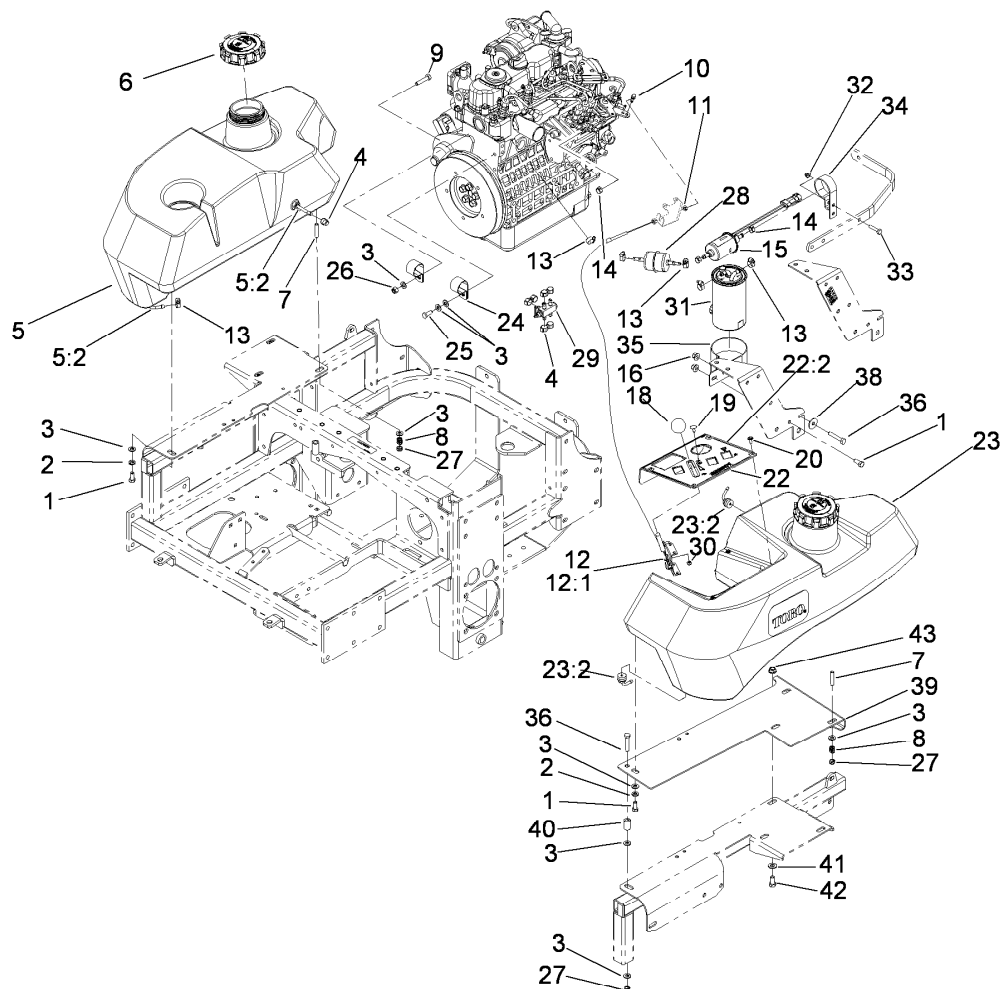
## Hydraulic Motor Assembly No. 112-8358 (CW)

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 3257-42     | 1    | Key-Woodruff         |
| 2    | 1-809036    | 1    | Nut-HH               |
| 3    | 109-5966    | 1    | Wheel Motor Seal Kit |



## Hydraulic Hose System Assembly

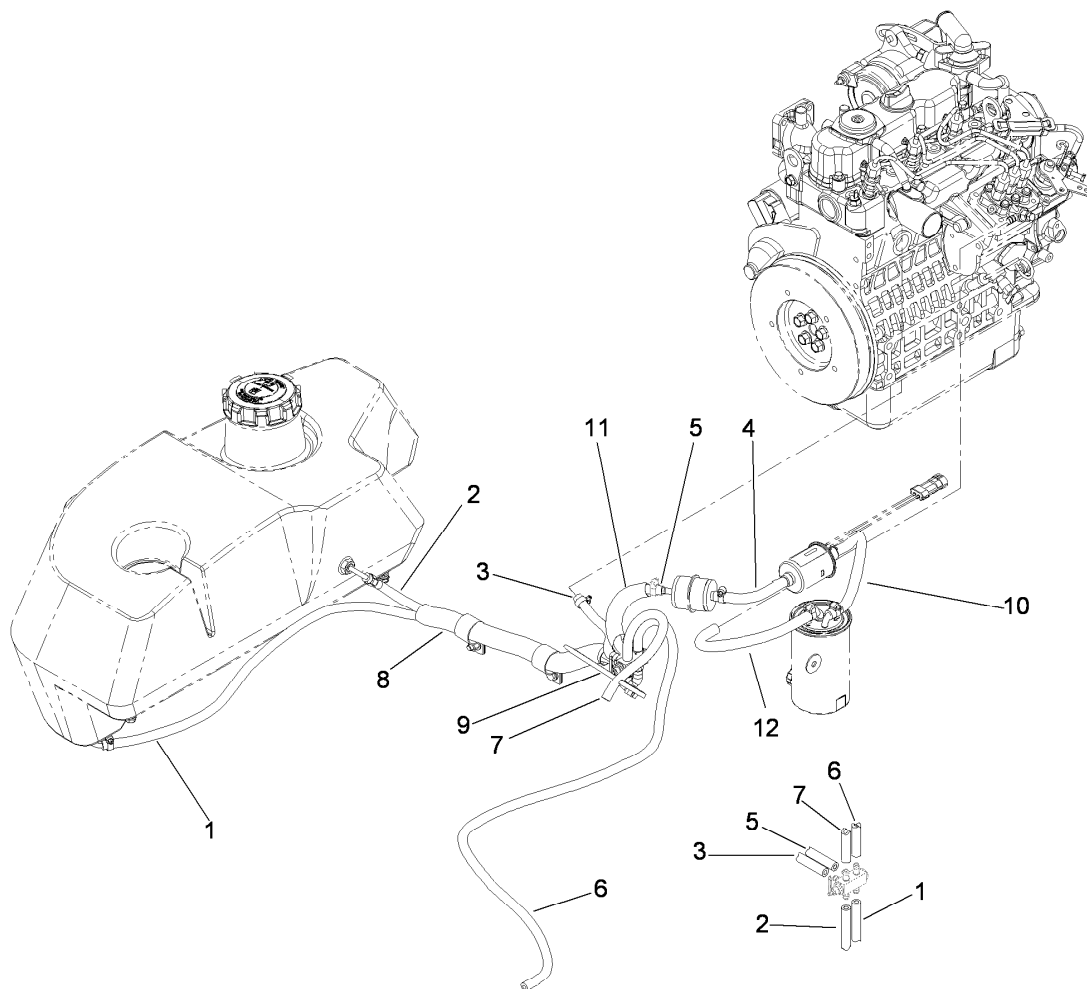
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 107-3495           | 1           | Hydraulic Hose ASM |
| 2           | 107-3490           | 1           | Hydraulic Hose ASM |
| 3           | 114-8169           | 2           | Hose-Hydraulic     |
| 4           | 114-8201           | 1           | Sleeve-Fabric      |
| 5           | 108-5318           | 1           | Hydraulic Hose ASM |
| 6           | 107-3491           | 1           | Hydraulic Hose ASM |
| 7           | 110-3854           | 1           | Hydraulic Hose ASM |
| 8           | 108-5374           | 1           | Hydraulic Hose ASM |
| 9           | 1-303335           | 1           | Tie-Plastic        |
| 10          | 1-809066           | 1           | Cable Tie-Plastic  |



## Fuel System and Throttle Control Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 322-3       | 3    | Screw-HH               |
| 2    | 1-805005    | 2    | Washer-Lock            |
| 3    | 3256-23     | 13   | Washer-Plain           |
| 4    | 1-643293    | 8    | Clamp-Hose, Fuel       |
| 5    | 114-8221    | 1    | RH Fuel Tank ASM       |
| 5:2  | 103-2615    | 2    | Fitting-Fuel, Bulkhead |
| 6    | 114-8214    | 2    | Biodiesel Cap ASM      |
| 7    | 1-633023    | 6    | Stud                   |
| 8    | 1-633349    | 6    | Spring-Tank, Fuel      |
| 9    | 322-7       | 1    | Screw-HH               |
| 10   | 108-5928    | 1    | Swivel-Stop, Cable     |
| 11   | 3220-1      | 2    | Nut-Jam                |
| 12   | 117-3850    | 1    | Throttle Control ASM   |
| 12:1 | 112-2334    | 1    | Lever-Throttle         |
| 13   | 2412-108    | 7    | Clamp-Worm             |
| 14   | 1-643277    | 3    | Clamp-Hose, Fuel       |
| 15   | 110-8806    | 1    | Pump-Fuel              |
| 16   | 3296-58     | 2    | Nut-Lock, NI           |
| 18   | 1-603175    | 1    | Knob-Ball              |
| 19   | 1-807513    | 2    | Bolt-CARR              |
| 20   | 109-2661    | 4    | Screw-PPH              |
| 22   | 117-0913    | 1    | Control Panel ASM      |

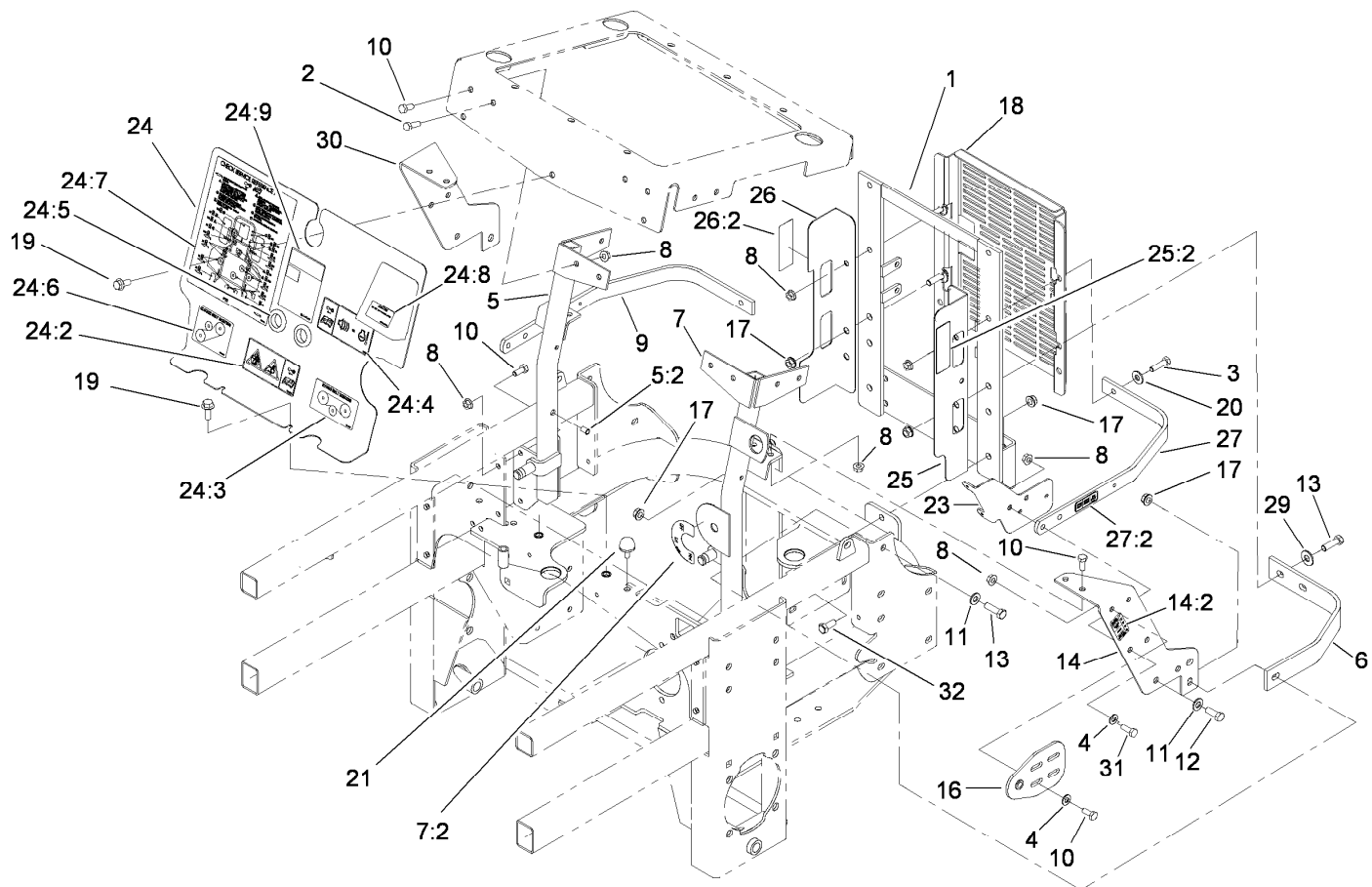
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 22:2 | 117-0912    | 1    | Decal-Panel, Control       |
| 23   | 114-8222    | 1    | LH Fuel Tank ASM           |
| 23:2 | 103-2615    | 2    | Fitting-Fuel, Bulkhead     |
| 24   | 1-643312    | 2    | Clip-Loom                  |
| 25   | 33114-020   | 1    | Screw-HH                   |
| 26   | 3296-29     | 1    | Nut-Lock, NI               |
| 27   | 3296-47     | 7    | Nut-Lock, NI               |
| 28   | 112-7836    | 1    | Filter-Inline              |
| 29   | 1-643234    | 1    | Valve-Fuel, Dual Flow      |
| 30   | 3296-2      | 2    | Nut-Lock, NI               |
| 31   | 112-9188    | 1    | Element-Filter, Fuel/Water |
| 32   | 104-7201    | 1    | Nut-HF                     |
| 33   | 321-8       | 1    | Screw-HH                   |
| 34   | 110-8817    | 1    | Bracket-Pump, Fuel         |
| 35   | 110-8807    | 1    | Bracket-Filter, Fuel       |
| 36   | 322-9       | 2    | Screw-HH                   |
| 38   | 3256-82     | 1    | Washer-Flat                |
| 39   | 114-1545-03 | 1    | Bracket-Fuel Tank, LH      |
| 40   | 94-7564     | 1    | Spacer                     |
| 41   | 3256-24     | 2    | Washer-Flat                |
| 42   | 323-4       | 2    | Screw-HH                   |
| 43   | 3290-357    | 2    | Nut-HHF, Whiz              |



## Fuel Line Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 108-5376    | 1    | Hose-Fuel         |
| 2    | 109-0301    | 1    | Hose-Fuel         |
| 3    | 110-1876    | 1    | Hose-Fuel         |
| 4    | 108-3283    | 1    | Hose-Fuel         |
| 5    | 109-0303    | 1    | Hose-Fuel         |
| 6    | 109-0275    | 1    | Hose-Fuel         |
| 7    | 109-0297    | 1    | Hose-Fuel         |
| 8    | 108-5377    | 1    | Sleeve-Fabric     |
| 9    | 1-303335    | 1    | Tie-Plastic       |
| 10   | 110-4124    | 1    | Hose-Fuel         |
| 11   | 114-8224    | 1    | Conduit-Fuel Line |
| 12   | 110-4105    | 1    | Hose-Fuel         |

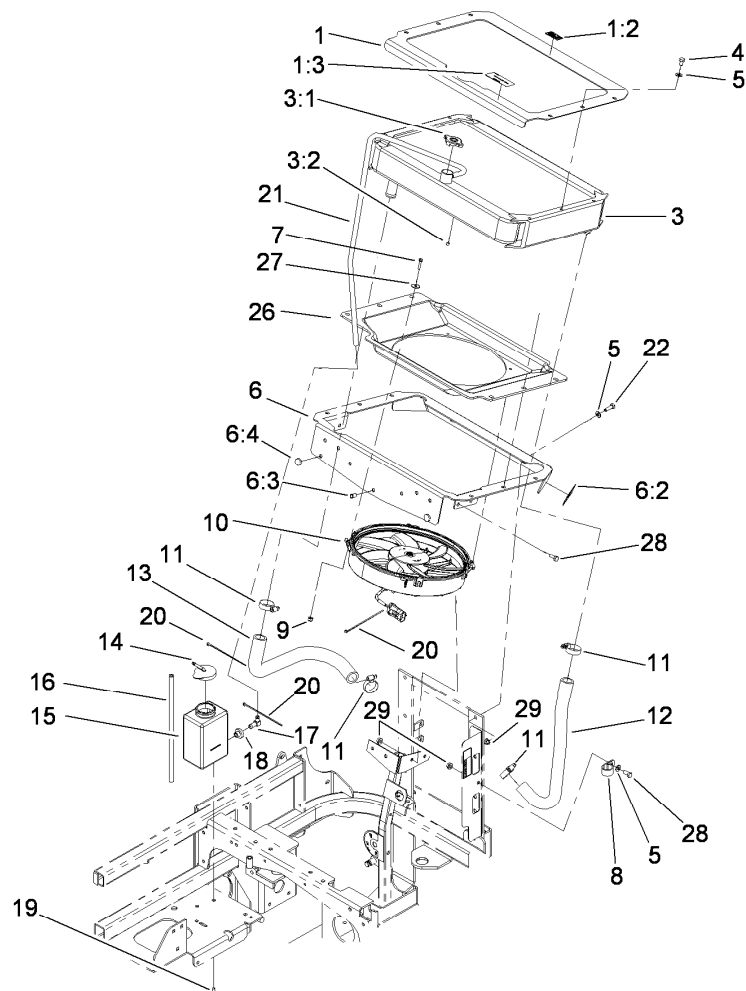




## Engine Housing Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 107-9934-03 | 1    | Support-Radiator, Rear |
| 2    | 322-5       | 2    | Screw-HH               |
| 3    | 322-6       | 2    | Screw-HH               |
| 4    | 3256-23     | 8    | Washer-Plain           |
| 5    | 114-1170    | 1    | RH Radiator Brace ASM  |
| 5:2  | 32148-11    | 1    | Nut-Clinch             |
| 6    | 103-7623-03 | 2    | Strap-Guard            |
| 7    | 110-3870    | 1    | LH Radiator Brace ASM  |
| 7:2  | 107-2114    | 1    | Decal-Valve, Fuel      |
| 8    | 32128-20    | 22   | Nut-HF                 |
| 9    | 114-8223-03 | 1    | Top-Rib                |
| 10   | 322-3       | 14   | Screw-HH               |
| 11   | 3256-24     | 3    | Washer-Flat            |
| 12   | 323-6       | 1    | Screw-HH               |
| 13   | 323-7       | 4    | Screw-HH               |
| 14   | 112-8318    | 1    | LH Support Bracket ASM |
| 14:2 | 117-3865    | 1    | Decal-Fuses            |
| 16   | 108-5345-03 | 2    | Plate-Pivot, Hood      |
| 17   | 3290-357    | 7    | Nut-HHF, Whiz          |
| 18   | 112-8302-03 | 1    | Shield-Cooler          |
| 19   | 98-8332     | 3    | Knob                   |
| 20   | 3256-3      | 2    | Washer-Flat            |

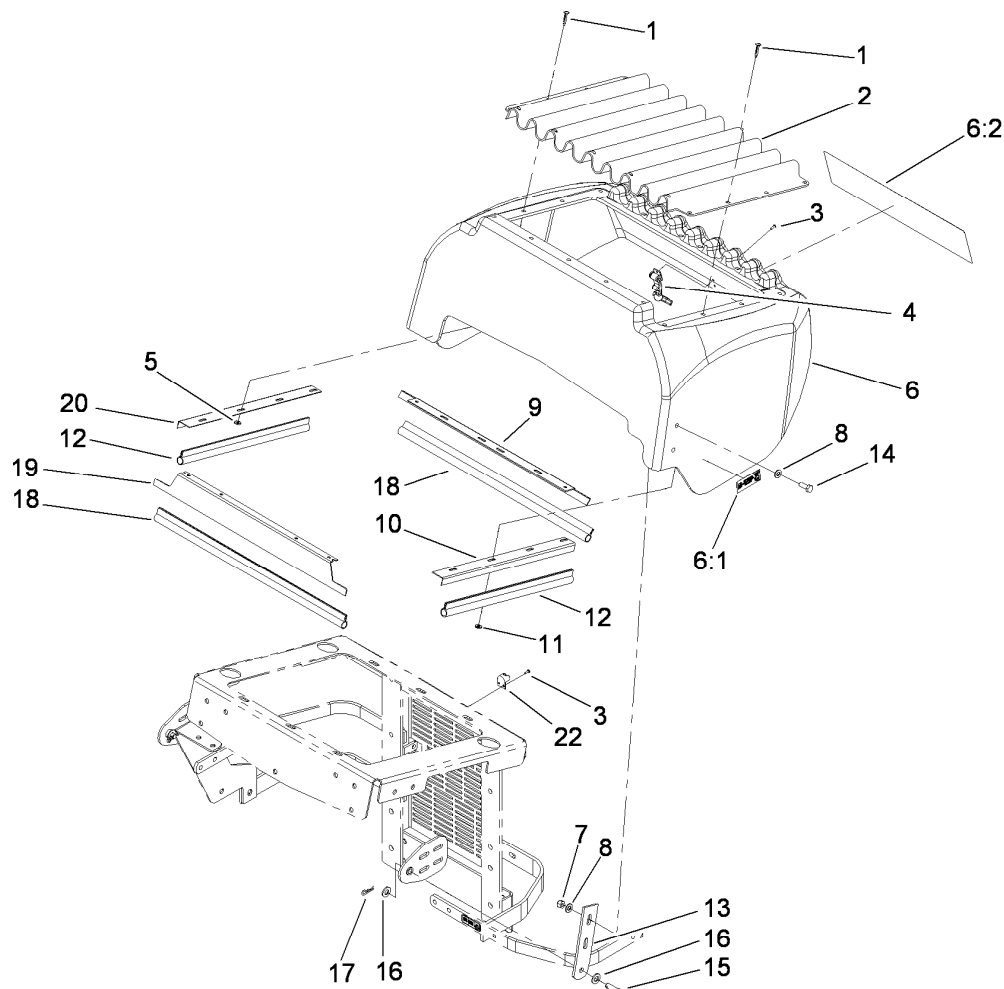
| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 21   | 109-2365    | 2    | Bumper-Rubber                  |
| 23   | 107-8081-03 | 1    | Bracket-Relay/Fuse             |
| 24   | 108-5936    | 1    | Front Engine Shield ASM        |
| 24:2 | 110-3853    | 1    | Decal-Danger, Rotating Devices |
| 24:3 | 108-5955    | 1    | Decal-Routing, Hydro Belt      |
| 24:4 | 110-3852    | 1    | Decal- Warning, Buzzer         |
| 24:5 | 100-3815    | 2    | Grommet-Rubber                 |
| 24:6 | 108-5957    | 1    | Decal-Routing, Clutch Belt     |
| 24:7 | 110-3851    | 1    | Decal-Check, Service           |
| 24:8 | 110-0806    | 1    | Decal-Caution                  |
| 24:9 | 104-2449    | 1    | Decal-Coolant                  |
| 25   | 110-0878    | 1    | LH Fan Guard ASM               |
| 25:2 | 1-643253    | 1    | Decal-Fan, Radiator            |
| 26   | 110-0887    | 1    | RH Fan Guard ASM               |
| 26:2 | 1-643253    | 1    | Decal-Fan, Radiator            |
| 27   | 110-0890    | 1    | Strap-Top                      |
| 27:2 | 110-0305    | 1    | Decal-Relay                    |
| 29   | 3256-4      | 2    | Washer-Flat                    |
| 30   | 108-5339-03 | 1    | Bracket-Support, RH            |
| 31   | 322-4       | 4    | Screw-HH                       |
| 32   | 323-5       | 2    | Screw-HH                       |



## Cooling System Assembly

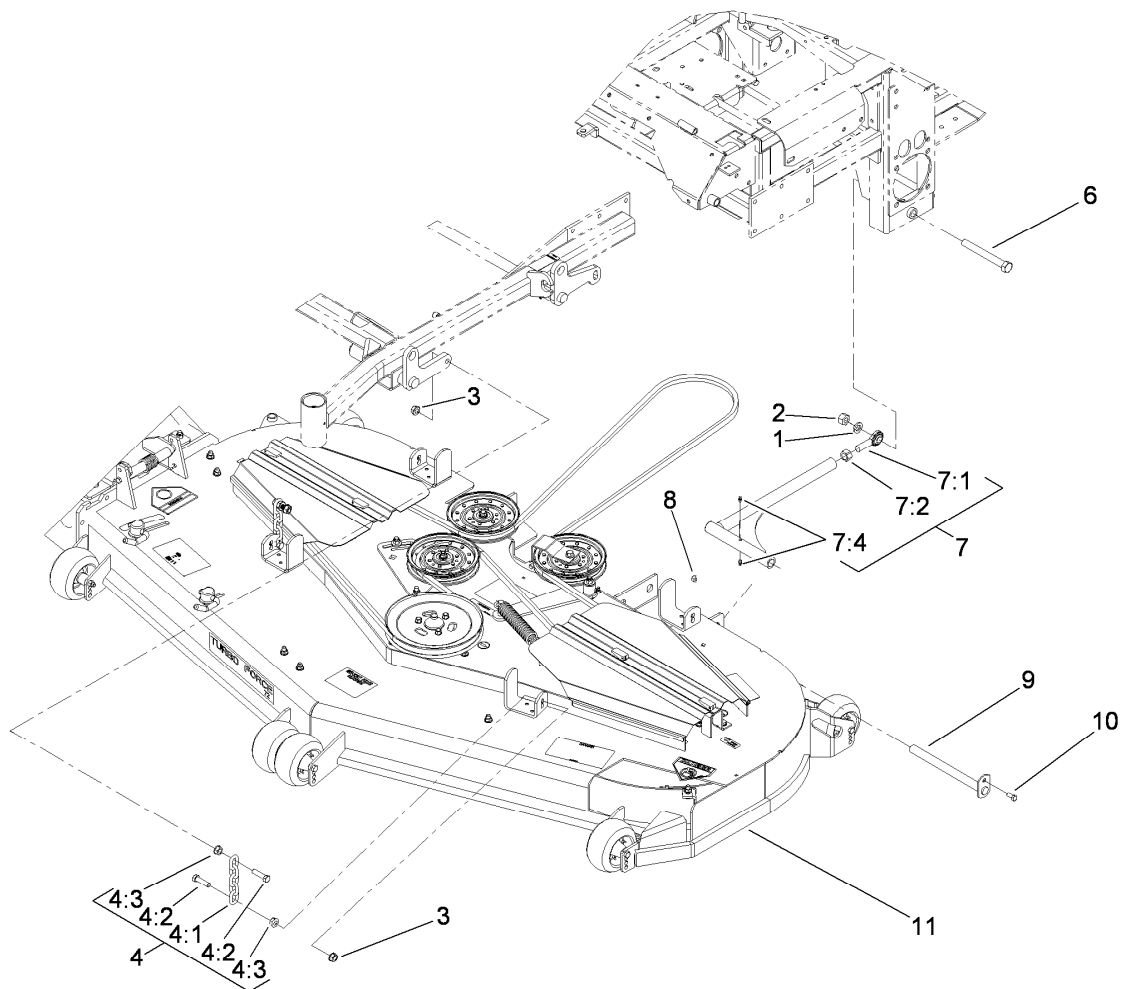
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 112-8305    | 1    | Top Radiator Plate ASM |
| 1:2  | 65-2690     | 1    | Decal-Surface, Hot     |
| 1:3  | 110-3842    | 1    | Decal-Antifreeze       |
| 3    | 108-5382    | 1    | Radiator ASM           |
| 3:1  | 114-8202    | 1    | Cap-Radiator           |
| 3:2  | 99-8551     | 1    | Plug-Pipe              |
| 4    | 322-1       | 6    | Screw-HH               |
| 5    | 3256-23     | 16   | Washer-Plain           |
| 6    | 112-8306    | 1    | Bottom Rad Plate ASM   |
| 6:2  | 1-643253    | 2    | Decal-Fan, Radiator    |
| 6:3  | 32148-6     | 1    | Nut-Clinch             |
| 6:4  | 1-513658    | 2    | Bumper                 |
| 7    | 1-803067    | 4    | Screw                  |
| 8    | 1-643312    | 1    | Clip-Loom              |
| 9    | 1-804254    | 4    | Nut-Lock, HH           |
| 10   | 112-4172    | 1    | Fan-Hi Performance     |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 11   | 1-633989    | 4    | Clamp-Hose          |
| 12   | 108-5372    | 1    | Hose-Radiator, LH   |
| 13   | 112-8314    | 1    | Hose-Radiator, RH   |
| 14   | 1-643164    | 1    | Cap-Tank, Overflow  |
| 15   | 1-643163    | 1    | Tank-Overflow       |
| 16   | 1-603954    | 1    | Hose-Line, Fuel     |
| 17   | 1-643259    | 1    | Fitting-Elbow       |
| 18   | 1-513645    | 1    | Bushing-Valve, Fuel |
| 19   | 321-2       | 2    | Screw-HH            |
| 20   | 1-303287    | 5    | Tie-Cable           |
| 21   | 103-1428    | 1    | Hose-Overflow       |
| 22   | 322-5       | 3    | Screw-HH            |
| 26   | 112-8317    | 1    | Shroud              |
| 27   | 3256-67     | 4    | Washer              |
| 28   | 322-3       | 10   | Screw-HH            |
| 29   | 32128-20    | 3    | Nut-HF              |



## Hood Assembly

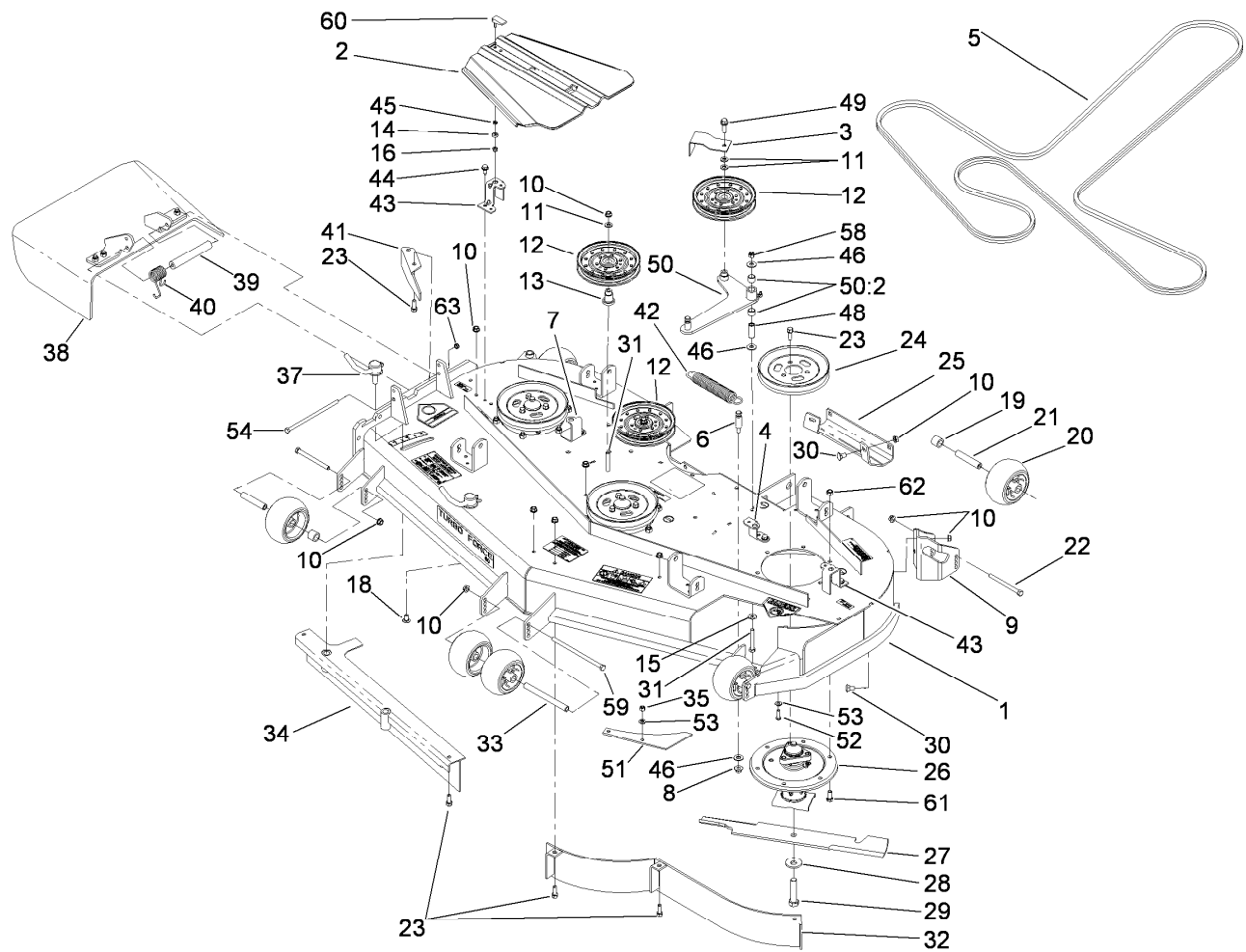
| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 1    | 1-803072    | 17   | Rivet                        |
| 2    | 1-633864-03 | 1    | Screen-Radiator              |
| 3    | 923786      | 4    | Rivet                        |
| 4    | 1-643188    | 1    | Latch-Rubber                 |
| 5    | 1-303435    | 4    | Washer-Spring                |
| 6    | 114-8225    | 1    | Hood ASM                     |
| 6:1  | 114-9600    | 2    | Decal-Low Sulfur             |
| 6:2  | 107-7674    | 1    | Decal                        |
| 7    | 3296-29     | 4    | Nut-Lock, NI                 |
| 8    | 3256-23     | 8    | Washer-Plain                 |
| 9    | 1-643108-03 | 1    | Angle-Radiator, Bottom       |
| 10   | 1-643105-03 | 1    | Angle-Radiator, LH           |
| 11   | 3256-14     | 12   | Washer-Flat                  |
| 12   | 1-643186    | 2    | Seal-Trim                    |
| 13   | 108-5337-03 | 2    | Plate-Hinge, Hood            |
| 14   | 322-4       | 4    | Screw-HH                     |
| 15   | 1-808285    | 2    | Pin-Clevis                   |
| 16   | 3256-24     | 4    | Washer-Flat                  |
| 17   | 1-806003    | 2    | Pin-Cotter                   |
| 18   | 1-643187    | 2    | Seal-Trim                    |
| 19   | 117-6166-03 | 1    | Bracket Seal, Radiator Front |
| 20   | 1-643106-03 | 1    | Angle-Radiator, RH           |
| 22   | 1-643189    | 1    | Keeper-Latch, Rubber         |



## Deck Connection Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 3253-8      | 2    | Washer-Lock         |
| 2    | 3217-11     | 2    | Nut-Hex             |
| 3    | 32128-37    | 8    | Nut-HF              |
| 4    | 103-9792    | 4    | Deck Chain ASM      |
| 4:1  | 1-633447    | 1    | Chain-Lift, Deck    |
| 4:2  | 103-1898    | 2    | Screw-HH            |
| 4:3  | 32128-37    | 2    | Nut-HF              |
| 6    | 327-28      | 2    | Screw-HH            |
| 7    | 108-5969    | 2    | Strut ASM           |
| 7:1  | 1-633029    | 1    | Balljoint-Spherical |
| 7:2  | 3219-6      | 1    | Nut-Hex             |
| 7:4  | 109-1380    | 1    | Fitting-Grease      |
| 8    | 3296-29     | 2    | Nut-Lock, NI        |
| 9    | 1-632199-01 | 2    | Pin-Strut           |
| 10   | 322-3       | 2    | Screw-HH            |
| 11   |             | 1    | Deck ASM ●          |

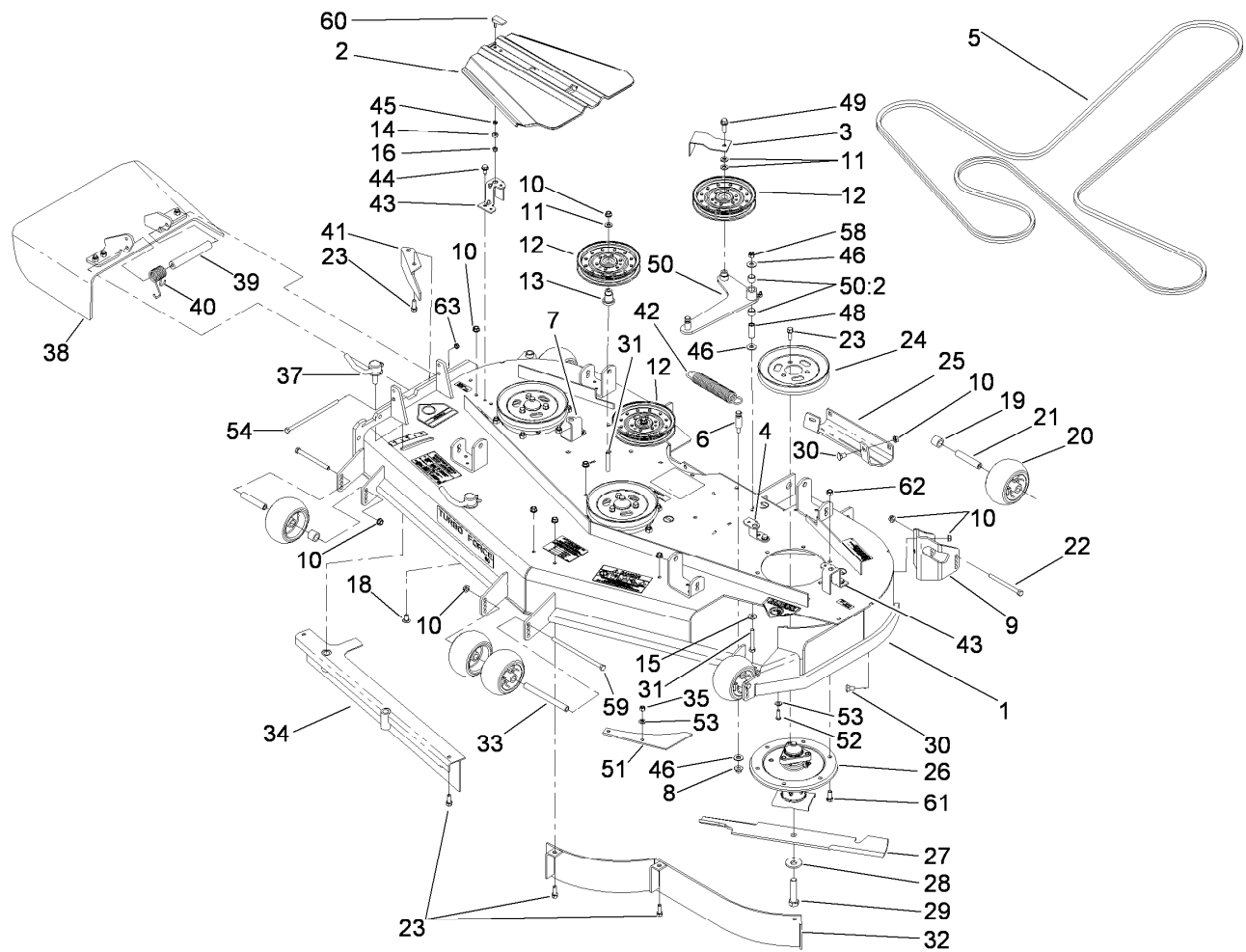
● Not serviced separately



## Deck Assembly

| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 1    | 114-4478    | 1    | Deck Decal ASM                 |
| 2    | 112-8664    | 2    | Cover-Belt                     |
| 3    | 108-7220-01 | 1    | Guide-Belt                     |
| 4    | 108-2177-01 | 1    | Bracket-Cover, Tall            |
| 5    | 114-4420    | 1    | Belt-V                         |
| 6    | 110-0801    | 1    | Pin-Threaded, Spring<br>Anchor |
| 7    | 108-4122-01 | 1    | Bracket-Cover                  |
| 8    | 32128-19    | 1    | Nut-HF                         |
| 9    | 106-7354-01 | 1    | Mount-Wheel, LH                |
| 10   | 3290-357    | 25   | Nut-HHF, Whiz                  |
| 11   | 3256-24     | 4    | Washer-Flat                    |
| 12   | 1-633109    | 3    | Idler-Flat                     |
| 13   | 106-3214    | 2    | Mount-Pulley                   |
| 14   | 106-6778    | 2    | Bushing-Latch, Swell           |
| 15   | 98-5975     | 1    | Washer-Belleville              |
| 16   | 1-804254    | 2    | Nut-Lock, HH                   |
| 18   | 3231-21     | 1    | Screw-CARR                     |
| 19   | 98-7913     | 4    | Tube-Spacer                    |
| 20   | 1-603299    | 6    | Roller-Scalp, Anti             |
| 21   | 98-7912     | 4    | Tube-Spanner                   |
| 22   | 323-23      | 4    | Screw-HH                       |
| 23   | 92-1624     | 15   | Screw-HWH                      |
| 24   | 105-7734    | 3    | Pulley                         |
| 25   | 105-8792-01 | 1    | Plate-Skid                     |
| 26   | 108-7713    | 3    | Spindle ASM                    |
| 27   | 105-7718-03 | 3    | Blade-Hi Flow                  |
| 28   | 103-0865    | 3    | Washer-Blade Bolt, Heavy       |

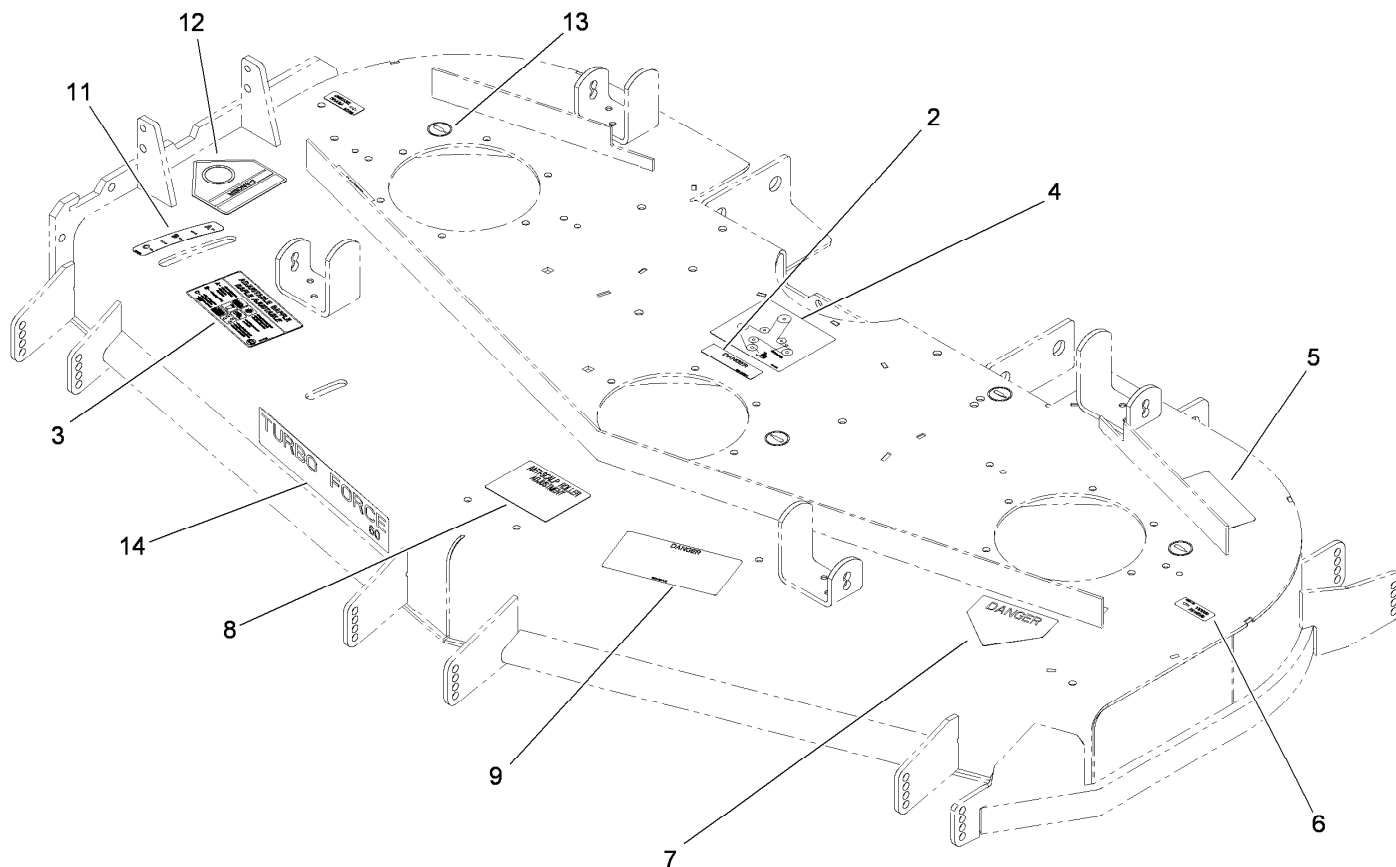
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 29   | 103-0862    | 3    | Screw-Cap            |
| 30   | 3231-1      | 11   | Screw-CARR           |
| 31   | 323-12      | 3    | Screw-HH             |
| 32   | 105-7657-01 | 1    | Baffle               |
| 33   | 98-5967     | 1    | Spacer-Wheel         |
| 34   | 105-7669-01 | 1    | Baffle               |
| 35   | 3296-29     | 2    | Nut-Lock, NI         |
| 37   | 107-1664    | 2    | Lever ASM            |
| 38   | 108-2792    | 1    | Rubber Deflector ASM |
| 39   | 105-4622    | 1    | Spacer               |
| 40   | 108-4052    | 1    | Spring-Torsion       |
| 41   | 106-3216-01 | 1    | Baffle-Discharge     |
| 42   | 110-0818    | 1    | Spring-Extension     |
| 43   | 108-4121-01 | 2    | Bracket-Cover        |
| 44   | 32144-70    | 4    | Screw-HWHTF          |
| 45   | 99-3058     | 2    | Washer               |
| 46   | 3256-4      | 3    | Washer-Flat          |
| 48   | 1-603044    | 1    | Bushing              |
| 49   | 3234-24     | 1    | Screw-HHF            |
| 50   | 108-5949    | 1    | Deck Idler Arm ASM   |
| 50:2 | 103-4681    | 2    | Sleeve-Bearing       |
| 51   | 107-3137    | 1    | Plate-Turbo          |
| 52   | 3274-104    | 2    | Screw-HSBH           |
| 53   | 1-303334    | 4    | Washer-Spring        |
| 54   | 322-50      | 1    | Screw-HH             |
| 58   | 3296-39     | 1    | Nut-Lock, NI         |
| 59   | 108-5388    | 1    | Screw-HH             |
| 60   | 106-6777    | 2    | Handle-Latch, Swell  |



## Deck Assembly (continued)

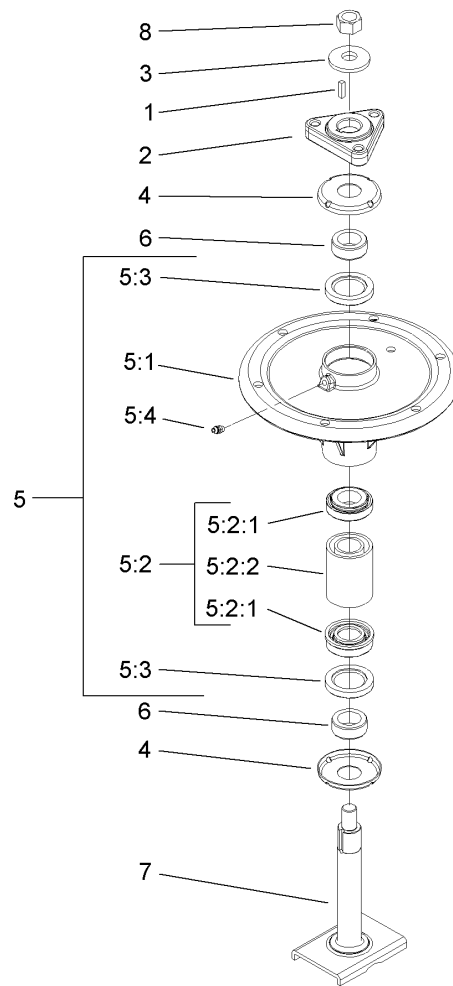
| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 61   | 33115-025   | 18   | Screw-HH    |

| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 62   | 33025-00    | 18   | Nut-Lock, NI |
| 63   | 3296-47     | 1    | Nut-Lock, NI |



## Deck Decal Assembly No. 114-4478

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 2    | 98-5954     | 3    | Decal-Cover, Missing        |
| 3    | 110-2068    | 1    | Decal-Adjustment, Baffle    |
| 4    | 108-5981    | 1    | Decal-Routing, Belt         |
| 5    | 68-8340     | 1    | Decal-Torque                |
| 6    | 107-1613    | 2    | Decal-Grease                |
| 7    | 1-403005    | 1    | Decal-Danger                |
| 8    | 105-7798    | 1    | Decal-Scalp, Anti           |
| 9    | 66-1340     | 1    | Decal-Danger, Thrown Object |
| 11   | 110-2067    | 1    | Decal-Setting, Baffle       |
| 12   | 54-9220     | 1    | Decal-Danger                |
| 13   | 58-6520     | 4    | Decal-Grease                |
| 14   | 107-1619    | 1    | Decal                       |

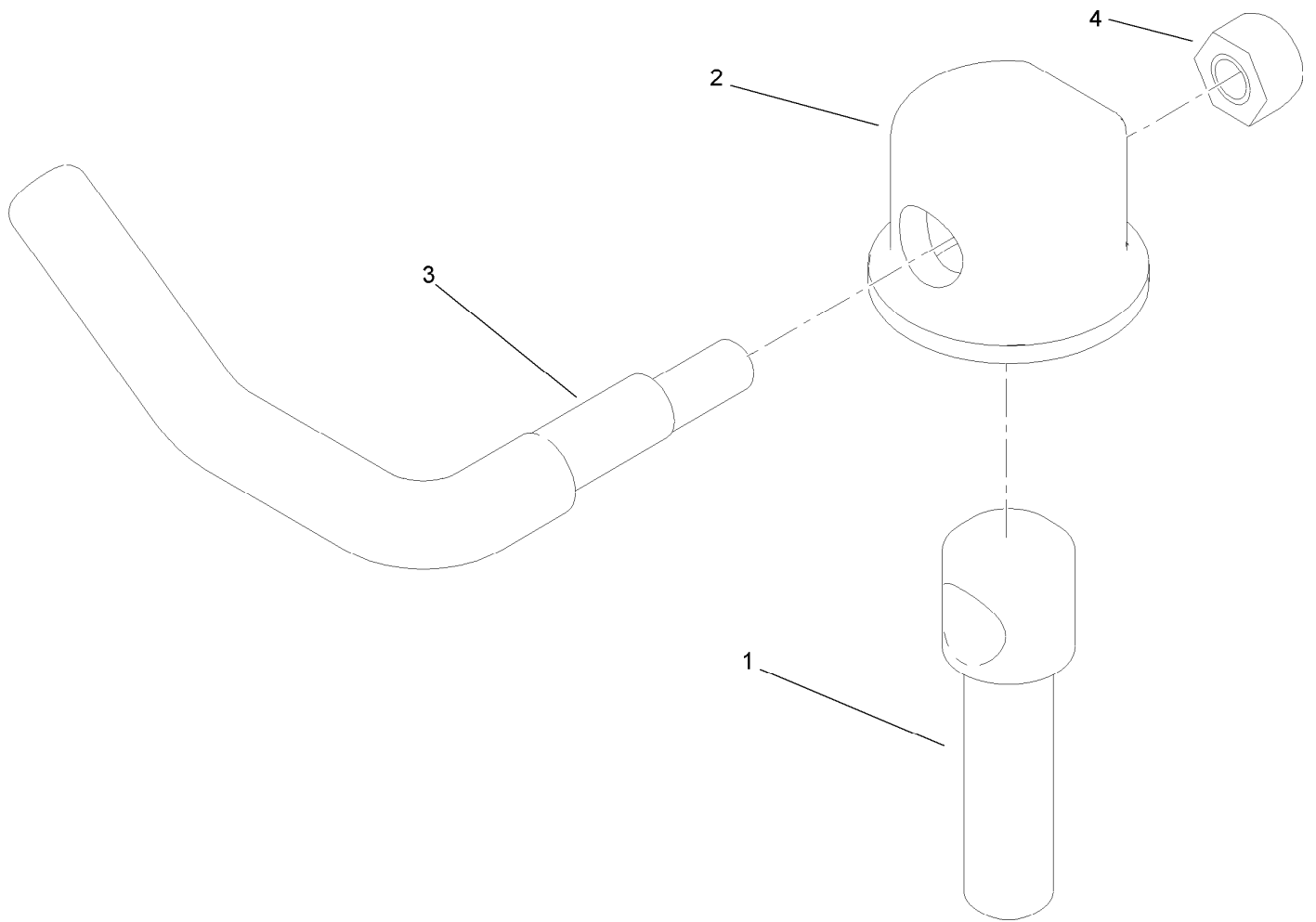


## Spindle Assembly No. 108-7713

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       |
|-------------|--------------------|-------------|--------------------------|
| 1           | 10-8040            | 1           | Key-Square               |
| 2           | 106-3277           | 1           | Hub-Pulley               |
| 3           | 103-0865           | 1           | Washer-Blade Bolt, Heavy |
| 4           | 106-3204           | 2           | Shield-Bearing           |
| 5           |                    | 1           | Spindle Bearing ASM ●    |
| 5:1         | 106-3211           | 1           | Housing-Spindle          |
| 5:2         | 108-7711           | 1           | Bearing ASM              |
| 5:2:1       | 108-7710           | 1           | Bearing ASM              |
| 5:2:2       | 106-3206           | 1           | Spacer (Matched Set)     |
| 5:3         | 253-133            | 2           | Seal-Oil                 |
| 5:4         | 302-5              | 1           | Fitting-Grease           |
| 6           | 106-3218           | 2           | Spacer-Seal              |
| 7           | 106-3233           | 1           | Spindle Shaft ASM        |
| 8           | 3219-6             | 1           | Nut-Hex                  |

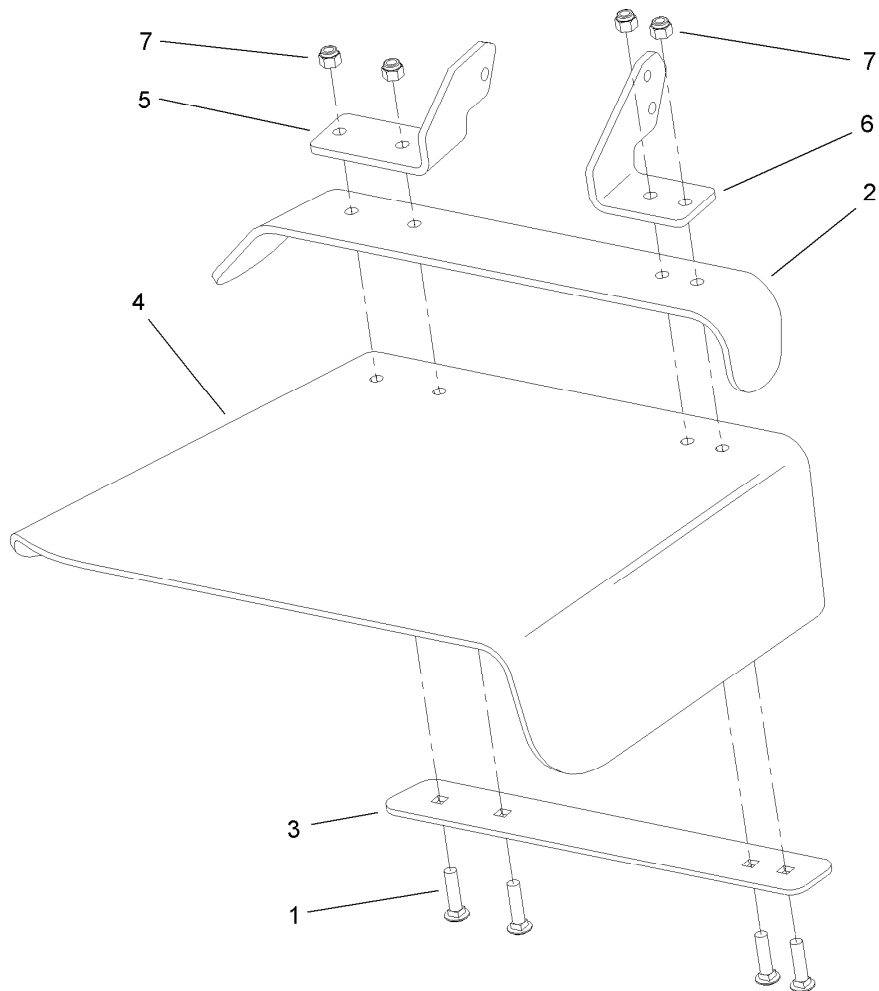
● Not serviced separately





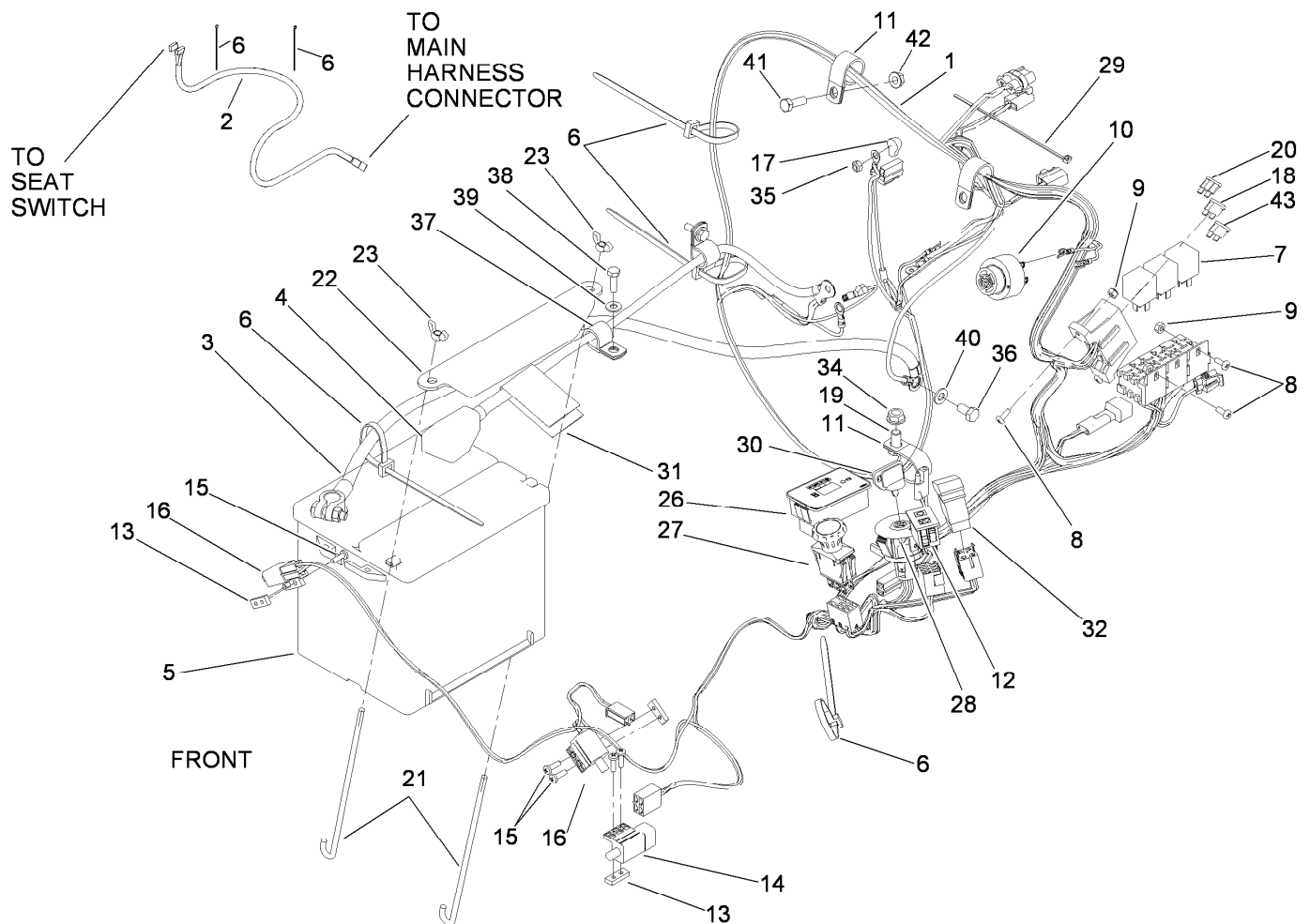
## Lever Assembly No. 107-1664

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 106-3239           | 1           | Screw-Lock         |
| 2           | 107-1644           | 1           | Cap-Lock           |
| 3           | 106-3241           | 1           | Lever-Lock         |
| 4           | 3296-29            | 1           | Nut-Lock, NI       |



## Rubber Deflector Assembly No. 108-2792

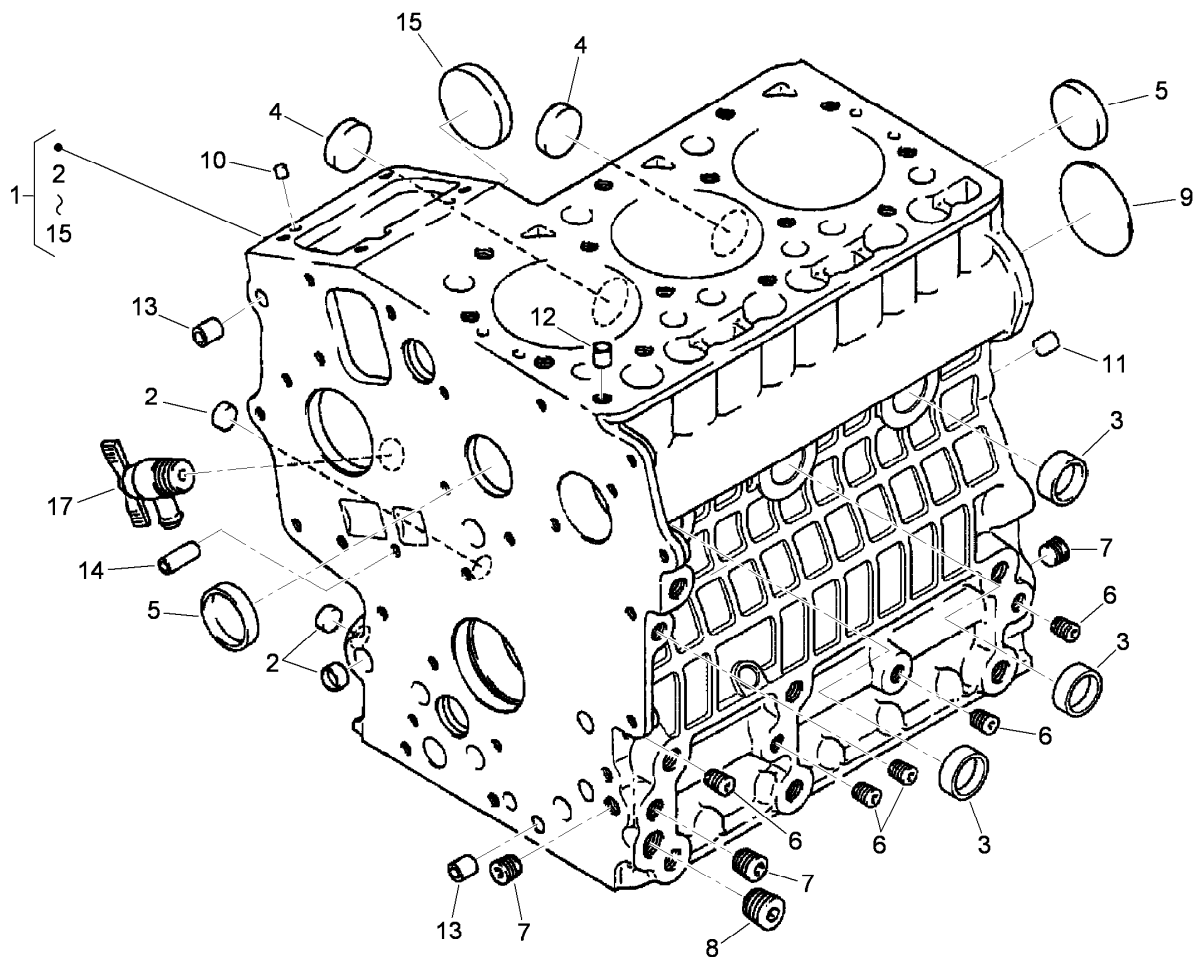
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 3231-4             | 4           | Screw-CARR         |
| 2           | 106-3246-01        | 1           | Deflector          |
| 3           | 106-3248-03        | 1           | Strap-Discharge    |
| 4           | 108-5029           | 1           | Deflector-Rubber   |
| 5           | 108-4059-01        | 1           | Plate-Hinge, Rear  |
| 6           | 106-3253-01        | 1           | Plate-Hinge, Front |
| 7           | 3296-39            | 4           | Nut-Lock, NI       |



## Electrical Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 117-3802    | 1    | Harness-Wire            |
| 2    | 103-1227    | 1    | Harness-Wiring, Seat    |
| 3    | 110-0303    | 1    | Cable-Battery, Negative |
| 4    | 110-0304    | 1    | Cable-Battery, Positive |
| 5    | 106-5187    | 1    | Battery-Dry             |
| 6    | 1-303335    | 7    | Tie-Plastic             |
| 7    | 1-643275    | 3    | Relay                   |
| 8    | 1-803071    | 4    | Screw                   |
| 9    | 3296-2      | 4    | Nut-Lock, NI            |
| 10   | 103-0205    | 1    | Alarm-Tone, Dual        |
| 11   | 1-643312    | 3    | Clip-Loom               |
| 12   | 100-8071    | 1    | Lamp-Warning            |
| 13   | 1-633181    | 3    | Plate-Tapped            |
| 14   | 1-633111    | 1    | Switch                  |
| 15   | 3290-500    | 6    | Screw-PPH               |
| 16   | 1-513051    | 2    | Switch-Open, Normally   |
| 17   | 1-643178    | 1    | Cap-Insulator, Red      |
| 18   | 103-1368    | 1    | Fuse-40 Amp             |
| 19   | 323-4       | 1    | Screw-HH                |
| 20   | 109103      | 1    | Fuse-Blade, 30 Amp      |
| 21   | 103-1312    | 2    | Bolt-Holddown           |

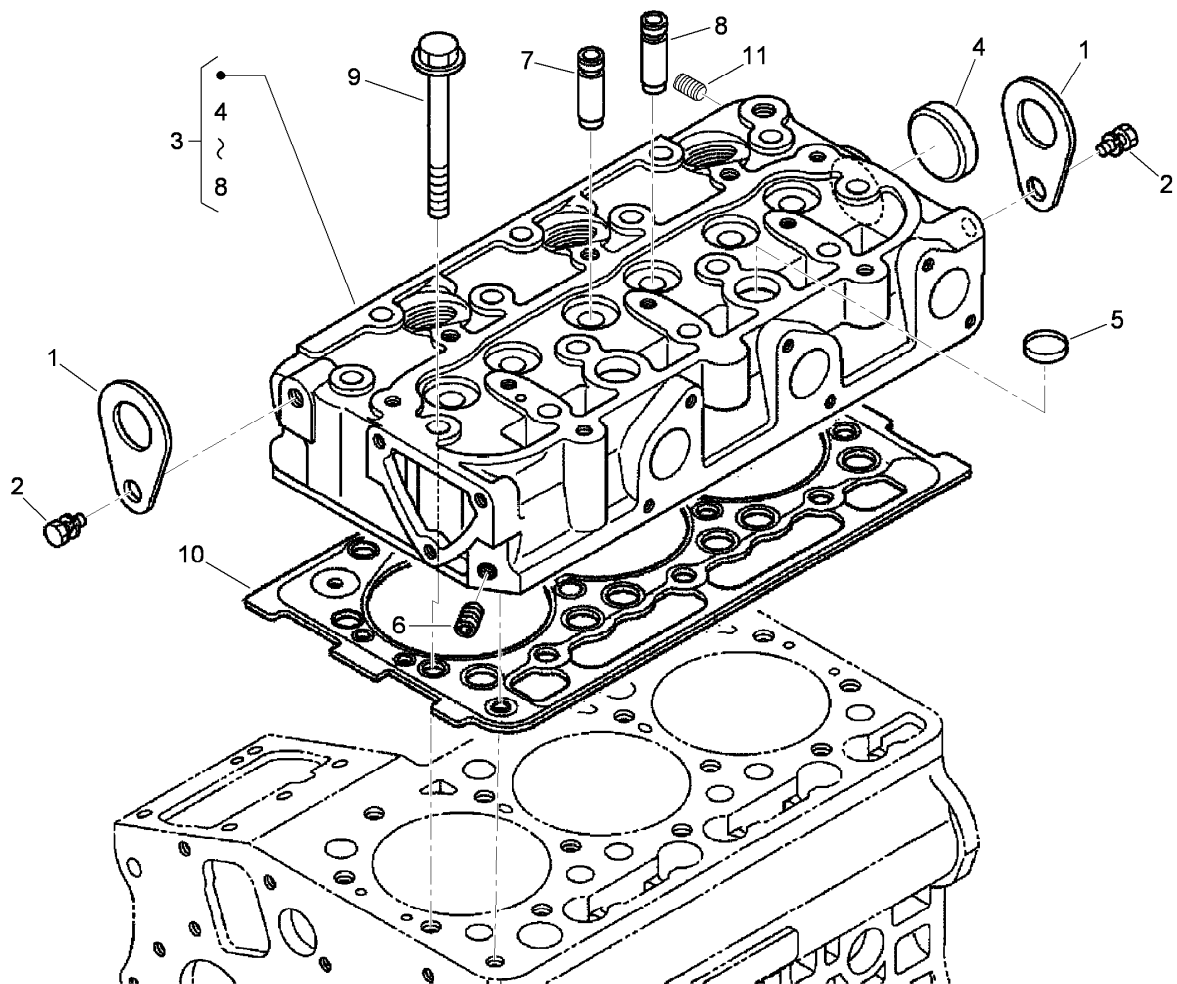
| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 22   | 103-1311-03 | 1    | Holddown-Battery             |
| 23   | 1-543792    | 2    | Wingnut                      |
| 26   | 112-8650    | 1    | Hour Meter ASM               |
| 27   | 116-0124    | 1    | Switch-PTO, 10 Amp           |
| 28   | 116-0050    | 1    | Switch-Ignition              |
| 29   | 1-303287    | 1    | Tie-Cable                    |
| 30   | 63-8360     | 2    | Key-Ignition                 |
| 31   | 107-9309    | 1    | Decal-Instructions, Charging |
| 32   | 110-0811    | 1    | Switch-Rocker                |
| 34   | 3290-357    | 1    | Nut-HHF, Whiz                |
| 35   | 33023-00    | 1    | Nut-Lock                     |
| 36   | 33114-016   | 1    | Screw-HH                     |
| 37   | 1-633396    | 2    | Clip-Loom                    |
| 38   | 321-5       | 2    | Screw-HH                     |
| 39   | 3256-22     | 2    | Washer-Flat                  |
| 40   | 3256-23     | 1    | Washer-Plain                 |
| 41   | 322-5       | 2    | Screw-HH                     |
| 42   | 32128-20    | 2    | Nut-HF                       |
| 43   | 218-578     | 1    | Fuse-Blade, 10 Amp           |



## Crankcase Assembly

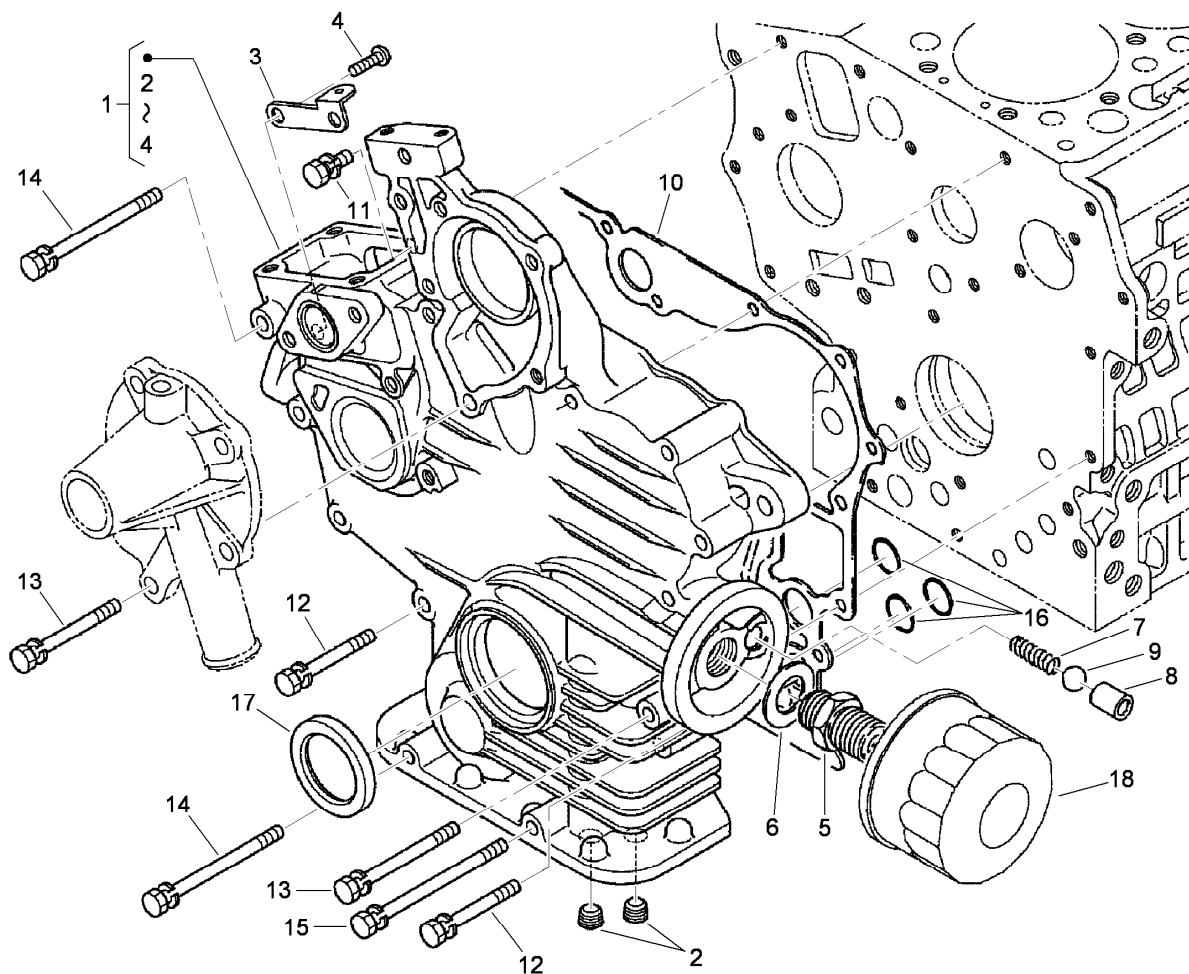
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 117-0301    | 1    | Crankcase ASM        |
| 2    | 100-2019    | 3    | Cap-Sealing          |
| 3    | 100-2020    | 3    | Cap-Sealing          |
| 4    | 110-3702    | 2    | Cap-Sealing          |
| 5    | 98-9398     | 2    | Cap-Sealing          |
| 6    | 98-9687     | 5    | Plug                 |
| 7    | 98-7487     | 3    | Plug                 |
| 8    | 98-7488     | 1    | Plug                 |
| 9    | 100-1851    | 1    | Plug-Expansion       |
| 10   | 98-9375     | 2    | Pin-Straight         |
| 11   | 98-9377     | 2    | Pin-Straight         |
| 12   | 98-7506     | 1    | Pin-Pipe             |
| 13   | 98-9387     | 2    | Pin-Pipe             |
| 14   | 100-2051    | 2    | Pin-Pipe             |
| 15   | 100-1991    | 1    | Cover-Fuel, Camshaft |
| 17   | 98-9436     | 1    | Drain Cock ASM       |

3361-744C



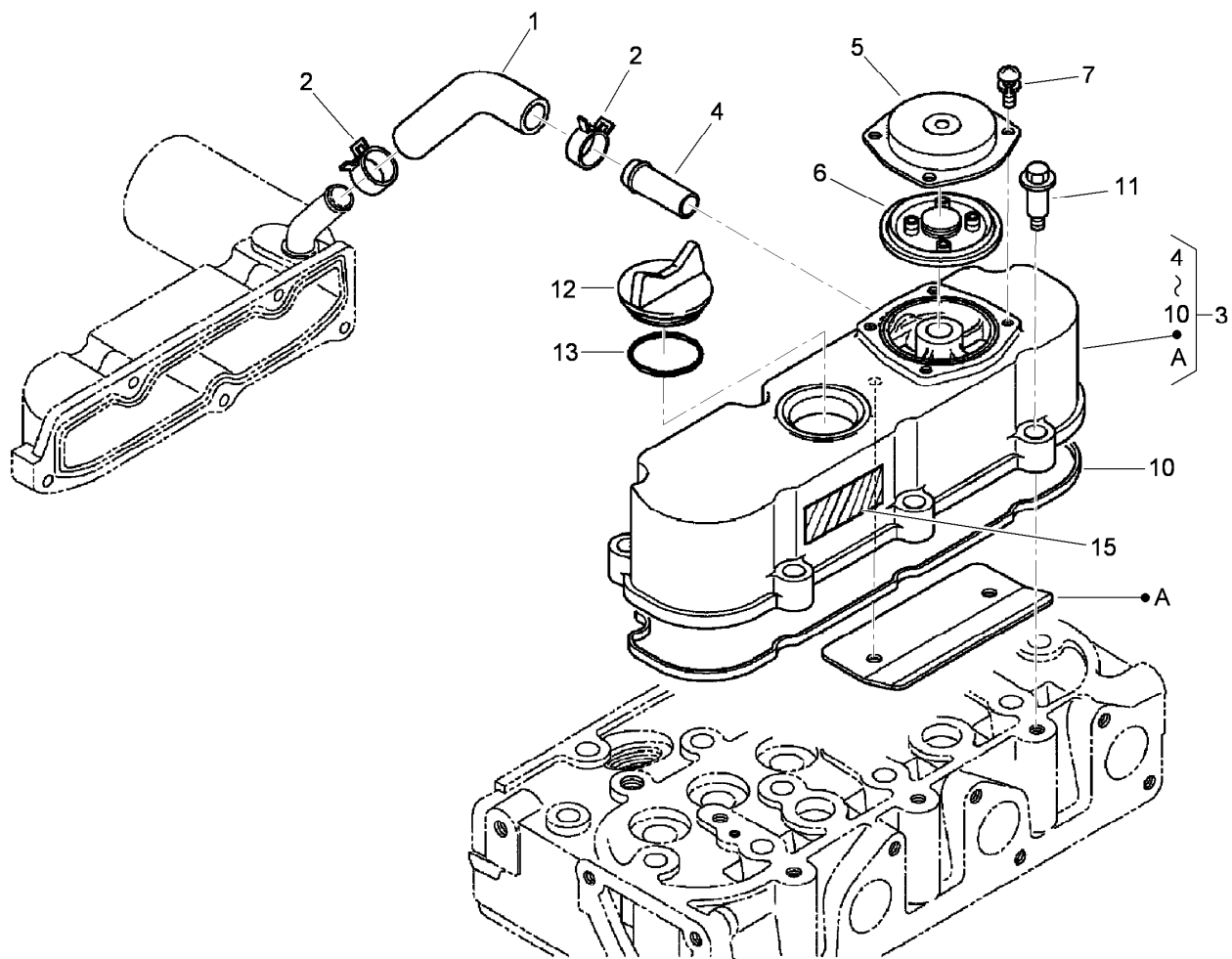
## Cylinder Head Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 1           | 98-7531            | 2           | Hook-Engine           |
| 2           | 98-7526            | 2           | Bolt                  |
| 3           | 112-8329           | 1           | Head-Cylinder         |
| 4           | 105-3705           | 1           | Cap-Sealing           |
| 5           | 98-9389            | 2           | Cap-Sealing           |
| 6           | 98-9687            | 1           | Plug                  |
| 7           | 100-1882           | 3           | Guide-Valve, Inlet    |
| 8           | 100-1883           | 3           | Guide-Valve, Exhaust  |
| 9           | 100-1820           | 14          | Bolt-Head, Cylinder   |
| 10          | 112-2520           | 1           | Gasket-Head, Cylinder |
| 11          | 98-9444            | 1           | Plug                  |



## Gear Case and Oil Filter Cartridge Assembly

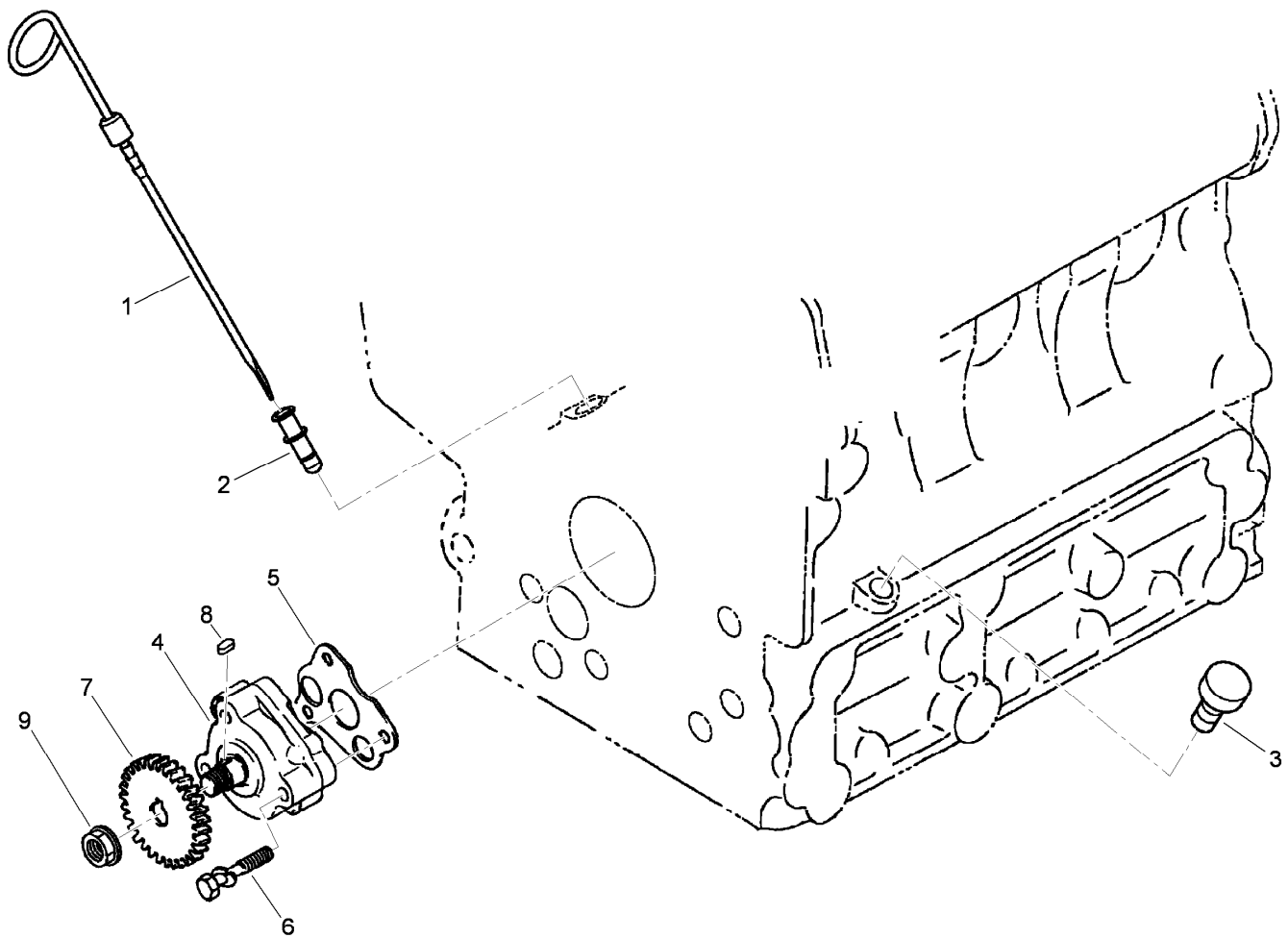
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 112-8331    | 1    | Case-Gear             |
| 2    | 98-7488     | 2    | Plug                  |
| 3    | 110-3708    | 1    | Stay-Spring, Start    |
| 4    | 100-2040    | 2    | Screw                 |
| 5    | 98-9388     | 1    | Joint-Pipe            |
| 6    | 100-1926    | 1    | Washer-Plain          |
| 7    | 100-2004    | 1    | Spring                |
| 8    | 100-1894    | 1    | Seat-Valve            |
| 9    | 100-1792    | 1    | Ball                  |
| 10   | 110-3709    | 1    | Gasket-Gearcase       |
| 11   | 98-7605     | 1    | Bolt                  |
| 12   | 105-3797    | 9    | Bolt                  |
| 13   | 100-1922    | 2    | Bolt                  |
| 14   | 98-9357     | 2    | Bolt                  |
| 15   | 110-3710    | 1    | Bolt                  |
| 16   | 100-2206    | 3    | O-Ring                |
| 17   | 100-1971    | 1    | Seal-Oil              |
| 18   | 100-1892    | 1    | Cartridge-Filter, Oil |



## Cylinder Head Cover Assembly

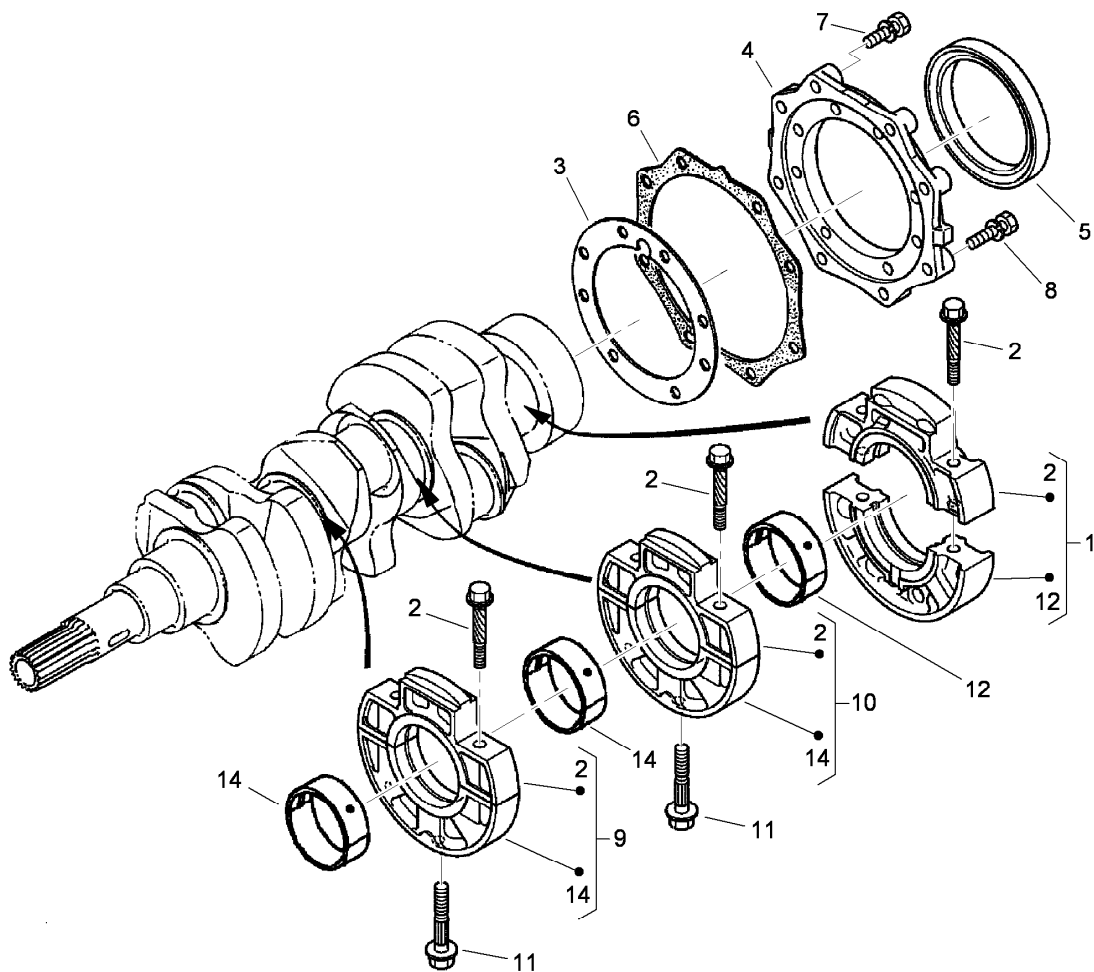
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 110-3711    | 1    | Tube-Breather           |
| 2    | 110-3712    | 2    | Clamp-Hose              |
| 3    | 112-8332    | 1    | Cylinder Head Cover ASM |
| 4    | 98-9580     | 1    | Pipe-Return, Water      |
| 5    | 110-3714    | 1    | Cover-Breather          |
| 6    | 110-3715    | 1    | Valve-Breather          |
| 7    | 98-9364     | 4    | Screw (With Washer)     |
| 10   | 112-2521    | 1    | Gasket-Cover, Head      |
| 11   | 108-7063    | 6    | Bolt                    |
| 12   | 107-9075    | 1    | Plug-Filler, Oil        |
| 13   | 99-3446     | 1    | O-Ring                  |
| 15   | 110-3843    | 1    | Label-Instruction       |





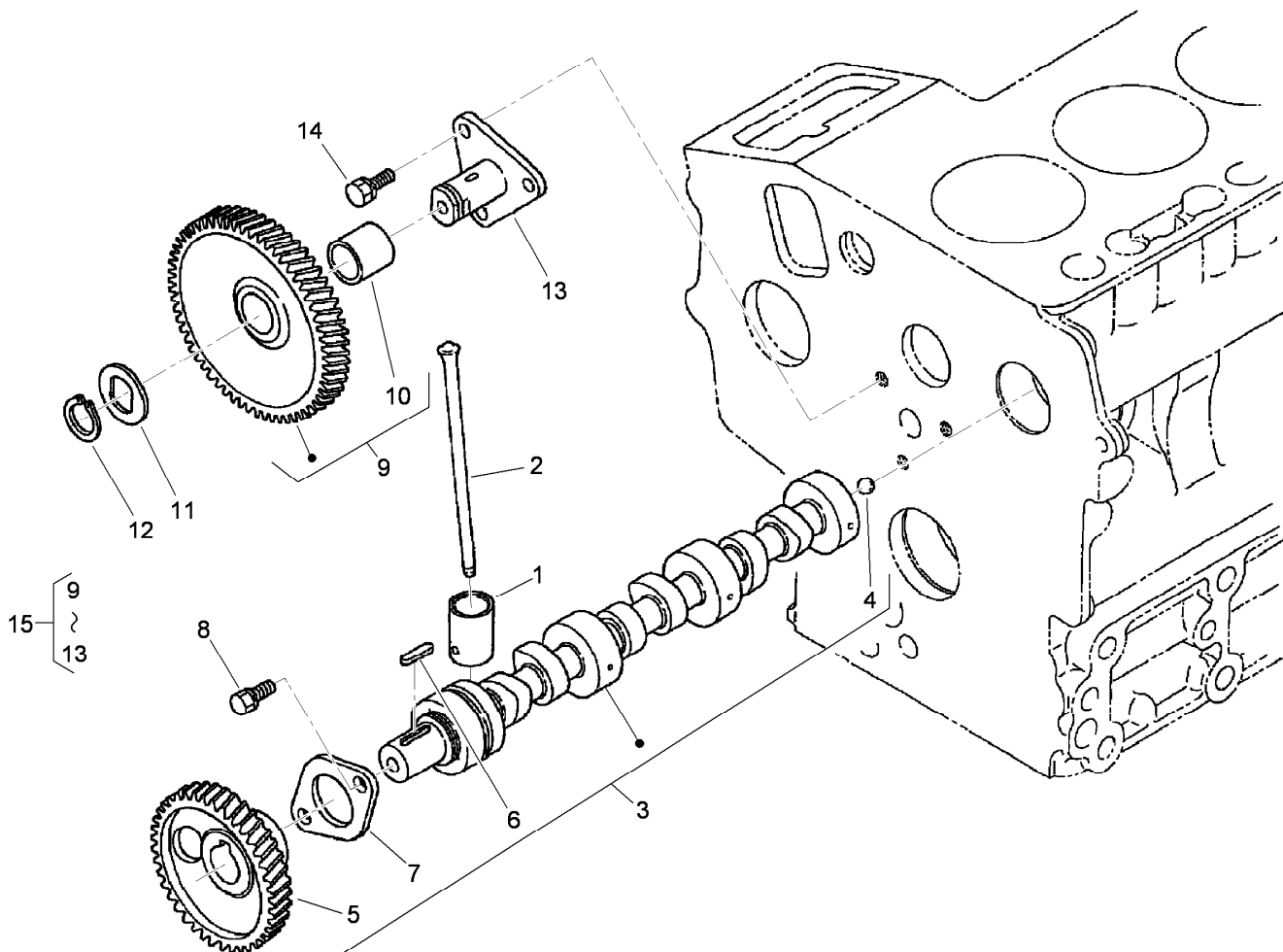
## Dipstick, Guide and Oil Pump Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 110-3719    | 1    | Gauge-Oil            |
| 2    | 105-4580    | 1    | Guide-Gauge, Oil     |
| 3    | 110-3720    | 1    | Plug-Gauge, Oil      |
| 4    | 100-2002    | 1    | Oil Pump ASM         |
| 5    | 100-2003    | 1    | Gasket-Pump, Oil     |
| 6    | 100-1923    | 3    | Bolt                 |
| 7    | 100-1893    | 1    | Gear-Drive, Oil Pump |
| 8    | 98-7658     | 1    | Key-Feather          |
| 9    | 100-1779    | 1    | Nut-Flange           |



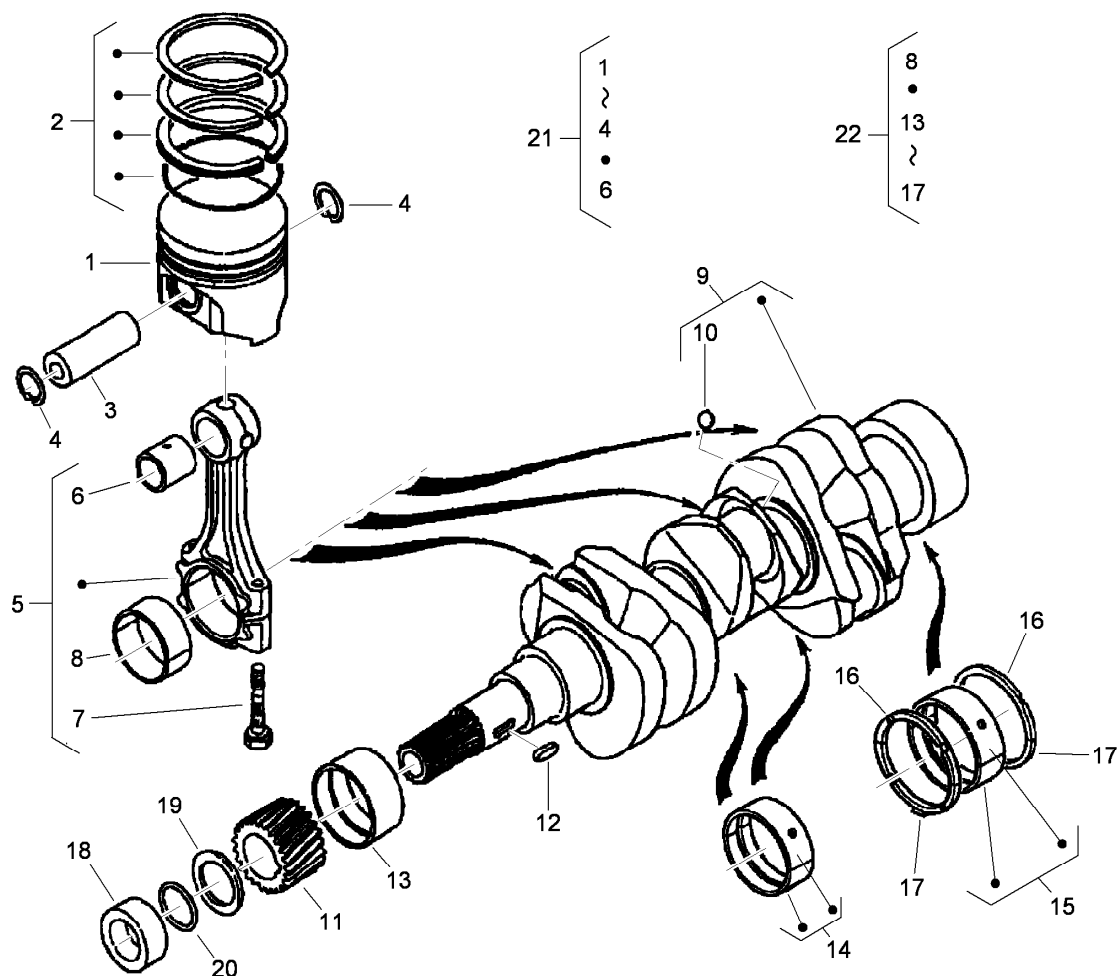
## Main Bearing Case Assembly

| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 1    | 112-2494    | 1    | Wheel Case Bearing ASM         |
| 2    | 110-3723    | 6    | Bolt-Case, Bearing             |
| 3    | 117-0304    | 1    | Gasket-Case, Bearing           |
| 4    | 112-8334    | 1    | Cover-Case, Bearing            |
| 5    | 110-3724    | 1    | Seal-Oil                       |
| 6    | 100-1876    | 1    | Gasket-Cover, Case             |
| 7    | 98-7568     | 8    | Bolt                           |
| 8    | 100-1750    | 8    | Bolt                           |
| 9    | 112-2495    | 1    | Main Case Bearing ASM          |
| 10   | 112-2496    | 1    | Main Case Bearing ASM          |
| 11   | 100-1874    | 2    | Bolt-Case, Bearing             |
| 12   | 110-3744    | 1    | Crankshaft Metal ASM (STD)     |
| 12   | 110-3745    | 1    | Crankshaft Metal ASM (-0.20Mm) |
| 12   | 110-3746    | 1    | Crankshaft Metal ASM (-0.40Mm) |
| 14   | 110-3741    | 2    | Crankshaft Metal ASM (STD)     |
| 14   | 110-3742    | 2    | Crankshaft Metal ASM (-0.20Mm) |
| 14   | 110-3743    | 2    | Crankshaft Metal ASM (-0.40Mm) |



## Cam Shaft and Idle Gear Assembly

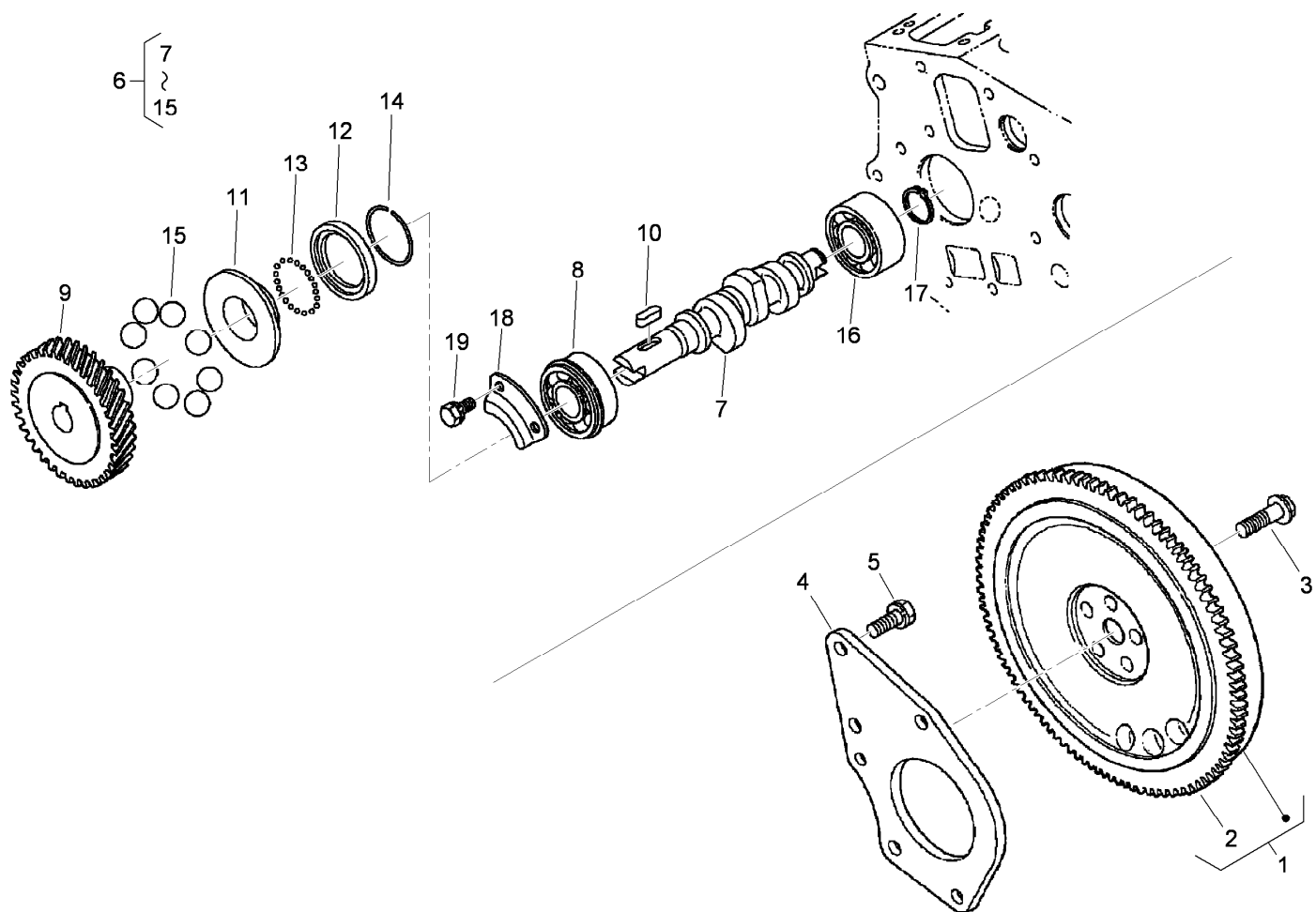
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 110-3727    | 6    | Tappet            |
| 2    | 100-1989    | 6    | Rod-Push          |
| 3    | 117-0305    | 1    | Camshaft ASM      |
| 4    | 110-3729    | 1    | Ball              |
| 5    | 100-2163    | 1    | Gear-Cam          |
| 6    | 98-9378     | 1    | Key-Feather       |
| 7    | 100-1887    | 1    | Stopper-Camshaft  |
| 8    | 98-9350     | 2    | Bolt              |
| 9    | 100-1966    | 1    | Gear-Idle         |
| 10   | 100-1968    | 1    | Bushing           |
| 11   | 100-1970    | 1    | Collar-Gear, Idle |
| 12   | 100-1969    | 1    | Ring-Snap         |
| 13   | 100-1967    | 1    | Shaft-Gear, Idle  |
| 14   | 98-9351     | 1    | Bolt              |
| 15   | 100-2240    | 1    | Idle Gear ASM     |



## Piston and Crankshaft Assembly

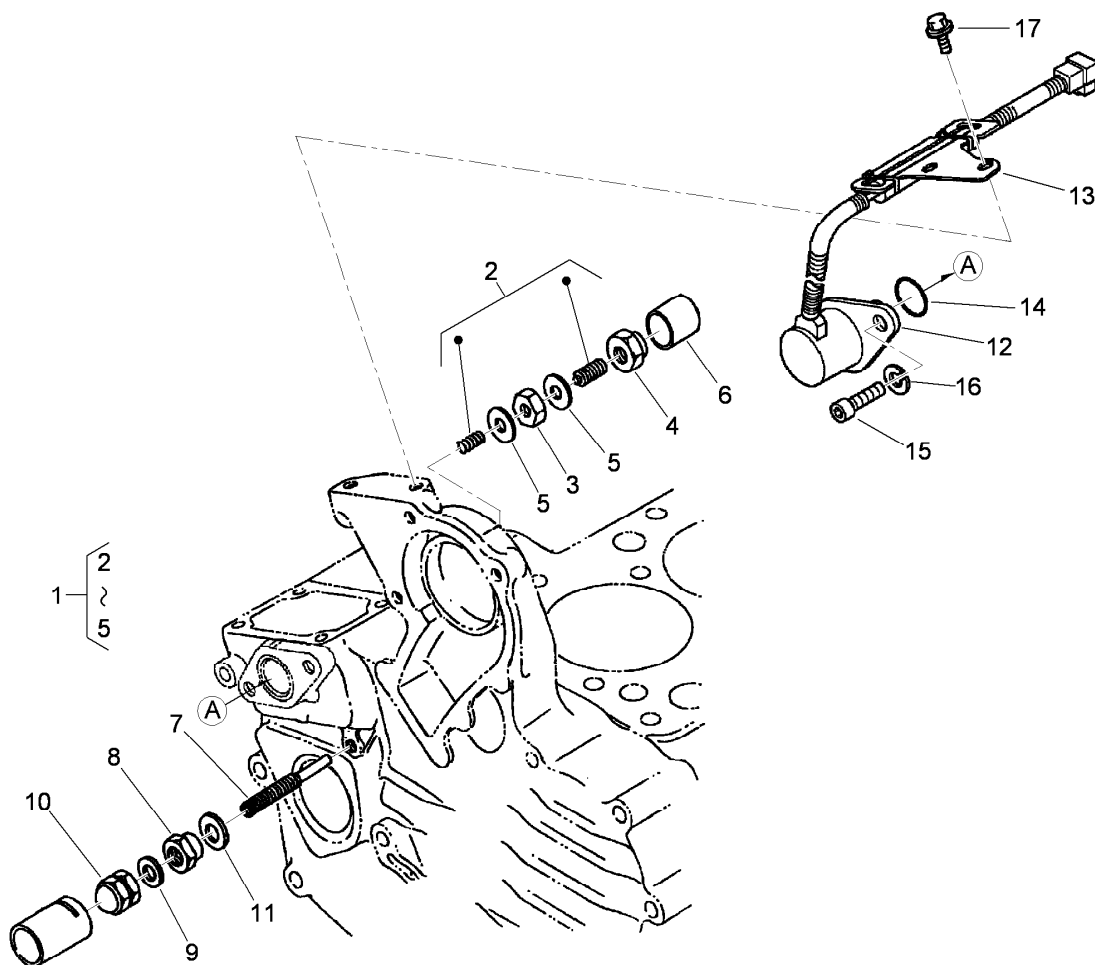
| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 1    | 117-0306    | 3    | Piston (STD)                   |
| 1    | 117-0307    | 3    | Piston (+.25Mm)                |
| 2    | 112-2501    | 3    | Piston Ring ASM (STD)          |
| 2    | 112-2502    | 3    | Piston Ring ASM (+.25Mm)       |
| 3    | 110-3734    | 3    | Pin-Piston                     |
| 4    | 100-1835    | 6    | Circlip-Internal               |
| 5    | 110-3735    | 3    | Connecting Rod ASM             |
| 6    | 110-3736    | 3    | Bushing-Pin, Piston            |
| 7    | 100-1999    | 6    | Bolt-Rod, Connecting           |
| 8    | 100-1942    | 3    | Metal-Crankpin (-0.20Mm)       |
| 8    | 100-1943    | 3    | Metal-Crankpin (-0.40Mm)       |
| 8    | 100-2000    | 3    | Metal-Crankpin (STD)           |
| 9    | 117-0308    | 1    | Crankshaft                     |
| 10   | 100-1791    | 3    | Ball                           |
| 11   | 100-1891    | 1    | Gear-Crankshaft                |
| 12   | 100-1752    | 1    | Key-Feather                    |
| 13   | 110-3738    | 1    | Metal-Crankshaft (STD)         |
| 13   | 110-3739    | 1    | Metal-Crankshaft (-0.20Mm)     |
| 13   | 110-3740    | 1    | Metal-Crankshaft (-0.40Mm)     |
| 14   | 110-3741    | 1    | Crankshaft Metal ASM (STD)     |
| 14   | 110-3742    | 1    | Crankshaft Metal ASM (-0.20Mm) |

| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 14   | 110-3743    | 1    | Crankshaft Metal ASM (-0.40Mm) |
| 15   | 110-3744    | 1    | Crankshaft Metal ASM (STD)     |
| 15   | 110-3745    | 1    | Crankshaft Metal ASM (-0.20Mm) |
| 15   | 110-3746    | 1    | Crankshaft Metal ASM (-0.40Mm) |
| 16   | 100-1836    | 2    | Metal-Side (STD)               |
| 16   | 100-1838    | 2    | Metal-Side (+0.20Mm)           |
| 16   | 100-1839    | 2    | Metal-Side (+0.40Mm)           |
| 17   | 117-0309    | 2    | Metal-Side (STD)               |
| 17   | 117-0310    | 2    | Metal-Side (+0.20Mm)           |
| 17   | 117-0311    | 2    | Metal-Side (+0.40Mm)           |
| 18   | 100-1890    | 1    | Collar-Crankshaft              |
| 19   | 100-1974    | 1    | Slinger-Oil                    |
| 20   | 100-2209    | 1    | O-Ring                         |
| 21   | 112-2497    | 3    | Piston Kit (STD)               |
| 21   | 112-2498    | 3    | Piston Kit (+.25Mm)            |
| 22   | 110-3749    | 1    | Engine Metal Kit               |
| 22   | 110-3750    | 1    | Engine Metal Kit               |
| 22   | 110-3751    | 1    | Engine Metal Kit               |



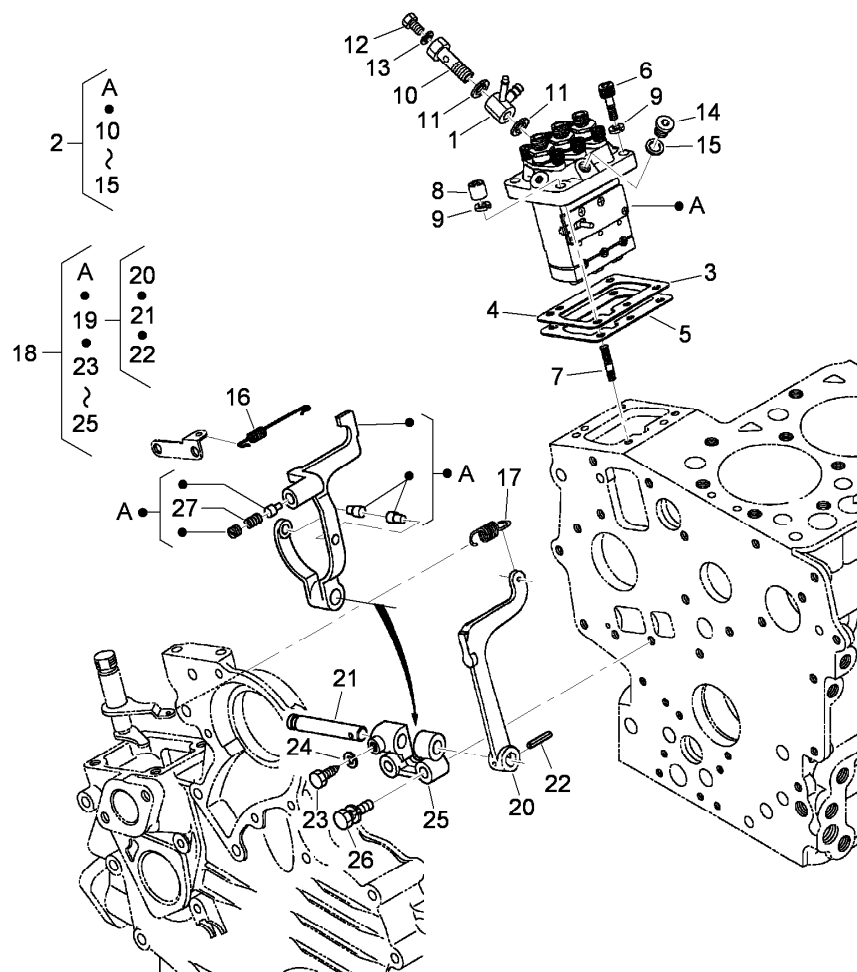
## Flywheel and Fuel Camshaft Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 110-3752    | 1    | Flywheel               |
| 2    | 112-2816    | 1    | Gear-Ring              |
| 3    | 100-1930    | 5    | Bolt-Flywheel          |
| 4    | 117-0323    | 1    | Plate-End, Rear        |
| 5    | 110-3754    | 3    | Bolt                   |
| 6    | 112-8335    | 1    | Fuel Camshaft ASM      |
| 7    | 110-3756    | 1    | Camshaft-Fuel          |
| 8    | 100-1795    | 1    | Bearing-Ball           |
| 9    | 100-2006    | 1    | Gear-Pump, Injection   |
| 10   | 100-1752    | 1    | Key-Feather            |
| 11   | 112-8336    | 1    | Sleeve-Governor        |
| 12   | 100-1904    | 1    | Case-Ball, Governor    |
| 13   | 100-1790    | 32   | Ball                   |
| 14   | 100-1843    | 1    | Circ-Clip              |
| 15   | 100-1793    | 8    | Ball                   |
| 16   | 110-3757    | 1    | Bearing-Ball           |
| 17   | 100-1784    | 1    | Circ-Clip, External    |
| 18   | 100-1888    | 1    | Stopper-Fuel, Camshaft |
| 19   | 98-9350     | 2    | Bolt                   |



## Idle Apparatus and Stop Solenoid Assembly

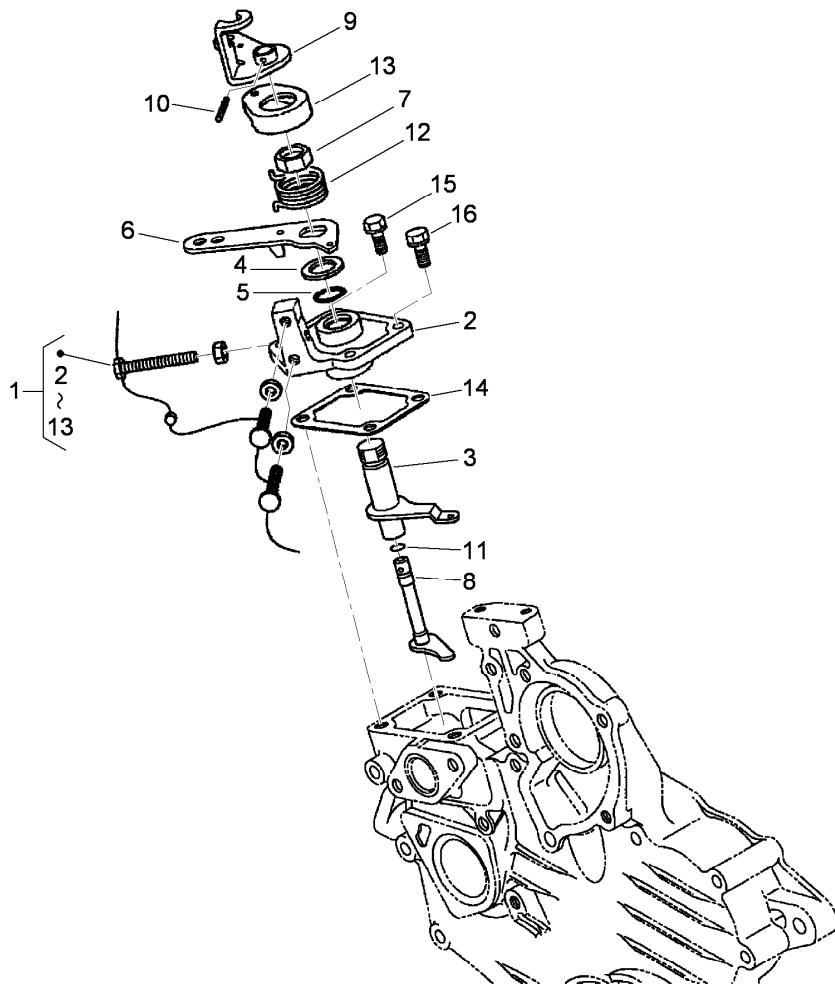
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 100-1898    | 1    | Idle Apparatus ASM   |
| 2    | 100-1899    | 1    | Adjusting Bolt ASM   |
| 3    | 100-1846    | 1    | Nut                  |
| 4    | 100-1901    | 1    | Nut-Cap              |
| 5    | 98-7428     | 2    | Gasket               |
| 6    | 100-1902    | 1    | Cap                  |
| 7    | 110-3758    | 1    | Bolt-Adjusting       |
| 8    | 100-2175    | 1    | Nut-Lock             |
| 9    | 98-7654     | 1    | Gasket               |
| 10   | 99-8387     | 1    | Nut-Cap              |
| 11   | 107-9081    | 1    | Gasket               |
| 12   | 110-3760    | 1    | Solenoid-Stop        |
| 13   | 110-3761    | 1    | Stay-Commander, Coil |
| 14   | 110-3762    | 1    | O-Ring               |
| 15   | 110-3763    | 2    | Bolt-HSH             |
| 16   | 98-7699     | 2    | Washer-Spring        |
| 17   | 100-1774    | 2    | Bolt-Flange          |



## Injection Pump and Governor Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 110-3764    | 1    | Joint                   |
| 2    | 110-3765    | 1    | Injection Pump ASM      |
| 3    | 98-9456     | 1    | Shim-Injection (0.20Mm) |
| 4    | 98-9457     | 1    | Shim-Injection (0.25Mm) |
| 5    | 98-9458     | 1    | Shim-Injection (0.30Mm) |
| 6    | 98-9361     | 2    | Bolt-HSH                |
| 7    | 98-9438     | 2    | Stud                    |
| 8    | 98-9440     | 2    | Nut-Cap                 |
| 9    | 98-7699     | 4    | Washer-Spring           |
| 10   | 100-1896    | 1    | Screw-Hollow            |
| 11   | 98-9445     | 2    | Gasket                  |
| 12   | 98-9430     | 1    | Screw                   |
| 13   | 98-9446     | 1    | Gasket                  |
| 14   | 98-9466     | 1    | Plug                    |

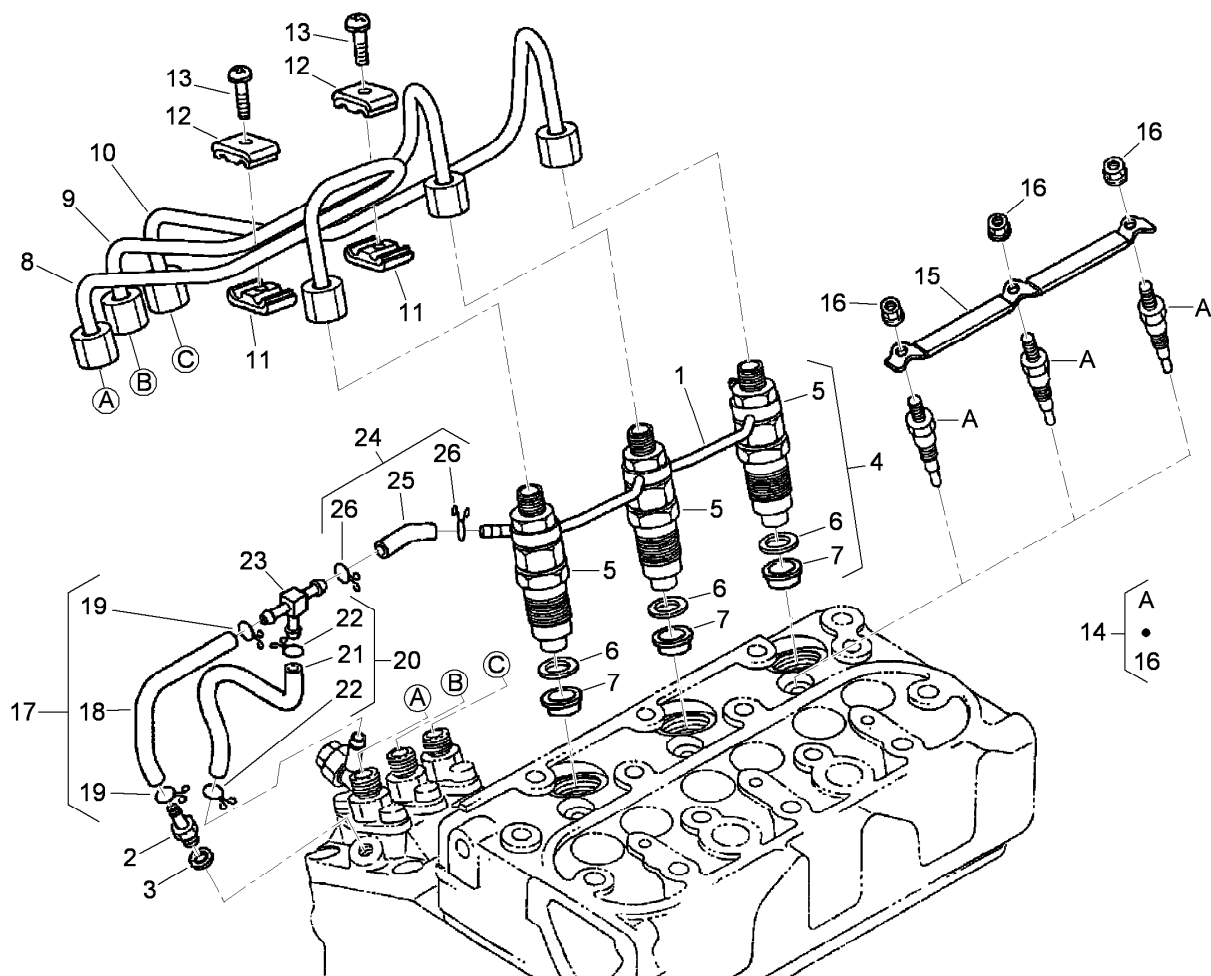
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 15   | 98-9451     | 1    | Gasket             |
| 16   | 110-3766    | 1    | Spring-Start       |
| 17   | 110-3767    | 1    | Spring-Governor    |
| 18   | 112-8337    | 1    | Fork Lever ASM     |
| 19   | 100-1905    | 1    | Fork Lever ASM     |
| 20   | 100-1907    | 1    | Lever-Fork         |
| 21   | 100-1908    | 1    | Shaft-Lever, Fork  |
| 22   | 100-1751    | 1    | Pin-Spring         |
| 23   | 100-1845    | 1    | Bolt               |
| 24   | 100-2204    | 1    | Washer-Spring      |
| 25   | 100-1909    | 1    | Holder-Lever, Fork |
| 26   | 100-1763    | 2    | Bolt               |
| 27   | 117-0313    | 1    | Spring             |



## Speed Control Plate Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 110-3769    | 1    | Speed Control Plate ASM |
| 2    | 110-3770    | 1    | Plate-Control, Speed    |
| 3    | 110-3771    | 1    | Lever-Governor          |
| 4    | 110-3772    | 1    | Collar                  |
| 5    | 100-2208    | 1    | O-Ring                  |
| 6    | 110-3773    | 1    | Lever-Control, Speed    |
| 7    | 110-3774    | 1    | Nut-Control, Speed      |
| 8    | 110-3775    | 1    | Shaft-Lever             |
| 9    | 110-3776    | 1    | Lever-Stop, Engine      |
| 10   | 110-3777    | 1    | Pin-Spring              |
| 11   | 100-2207    | 1    | O-Ring                  |
| 12   | 110-3778    | 1    | Spring-Return           |
| 13   | 110-3779    | 1    | Cap                     |
| 14   | 100-1962    | 1    | Gasket-Plate, Control   |
| 15   | 98-7605     | 2    | Bolt                    |
| 16   | 112-2507    | 2    | Bolt                    |



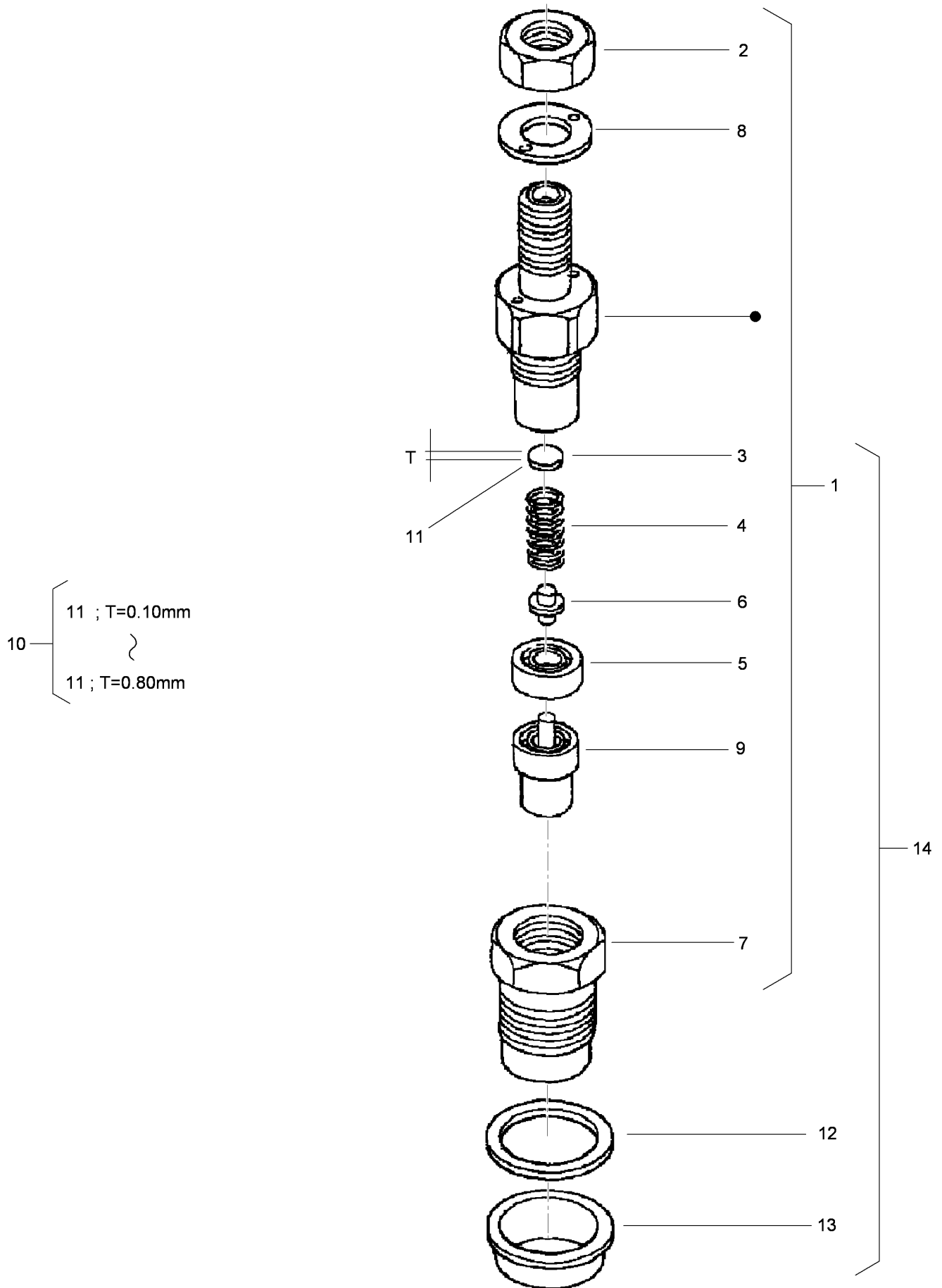


## Nozzle Holder and Glow Plug Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 110-3780    | 1    | Over Flow Pipe ASM |
| 2    | 98-9431     | 1    | Screw-Bleeder, Air |
| 3    | 98-7654     | 1    | Gasket             |
| 4    | 100-1982    | 3    | Nozzle Holder Kit  |
| 5    | 100-1758    | 3    | Nozzle Holder ASM  |
| 6    | 98-7676     | 3    | Gasket             |
| 7    | 98-7677     | 3    | Seal-Heat          |
| 8    | 110-3781    | 1    | Pipe-Injection     |
| 9    | 110-3782    | 1    | Pipe-Injection     |
| 10   | 110-3783    | 1    | Pipe-Injection     |
| 11   | 98-7682     | 2    | Clamp-Pipe         |
| 12   | 98-7683     | 2    | Clamp-Pipe         |
| 13   | 98-7684     | 2    | Screw (W/Washer)   |

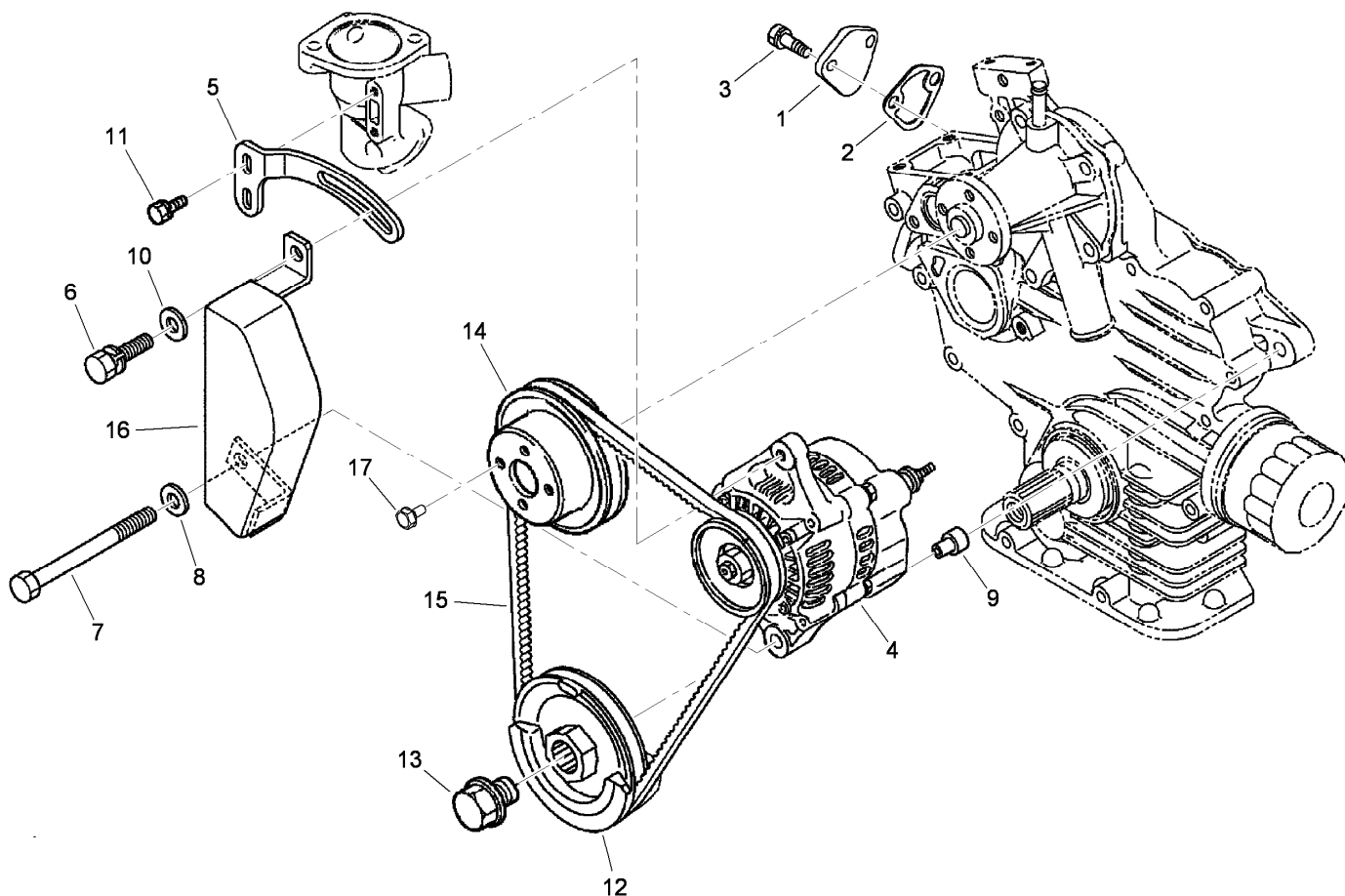
| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 14   | 98-7685     | 3    | Plug-Glow       |
| 15   | 110-3784    | 1    | Cord-Plug, Glow |
| 16   | 99-8377     | 3    | Nut-Flange      |
| 17   | 110-3785    | 1    | Fuel Tube ASM   |
| 18   | 110-3786    | 1    | Tube-Fuel       |
| 19   | 98-7671     | 4    | Clip-Pipe       |
| 20   | 110-3787    | 1    | Fuel Tube ASM   |
| 21   | 110-3788    | 1    | Tube-Fuel       |
| 22   | 98-7671     | 2    | Clip-Pipe       |
| 23   | 112-8338    | 1    | Pipe-Joint, T   |
| 24   | 110-3790    | 1    | Fuel Tube ASM   |
| 25   | 110-3791    | 1    | Tube-Fuel       |
| 26   | 100-2217    | 2    | Clip-Pipe       |

# Nozzle Holder Assembly



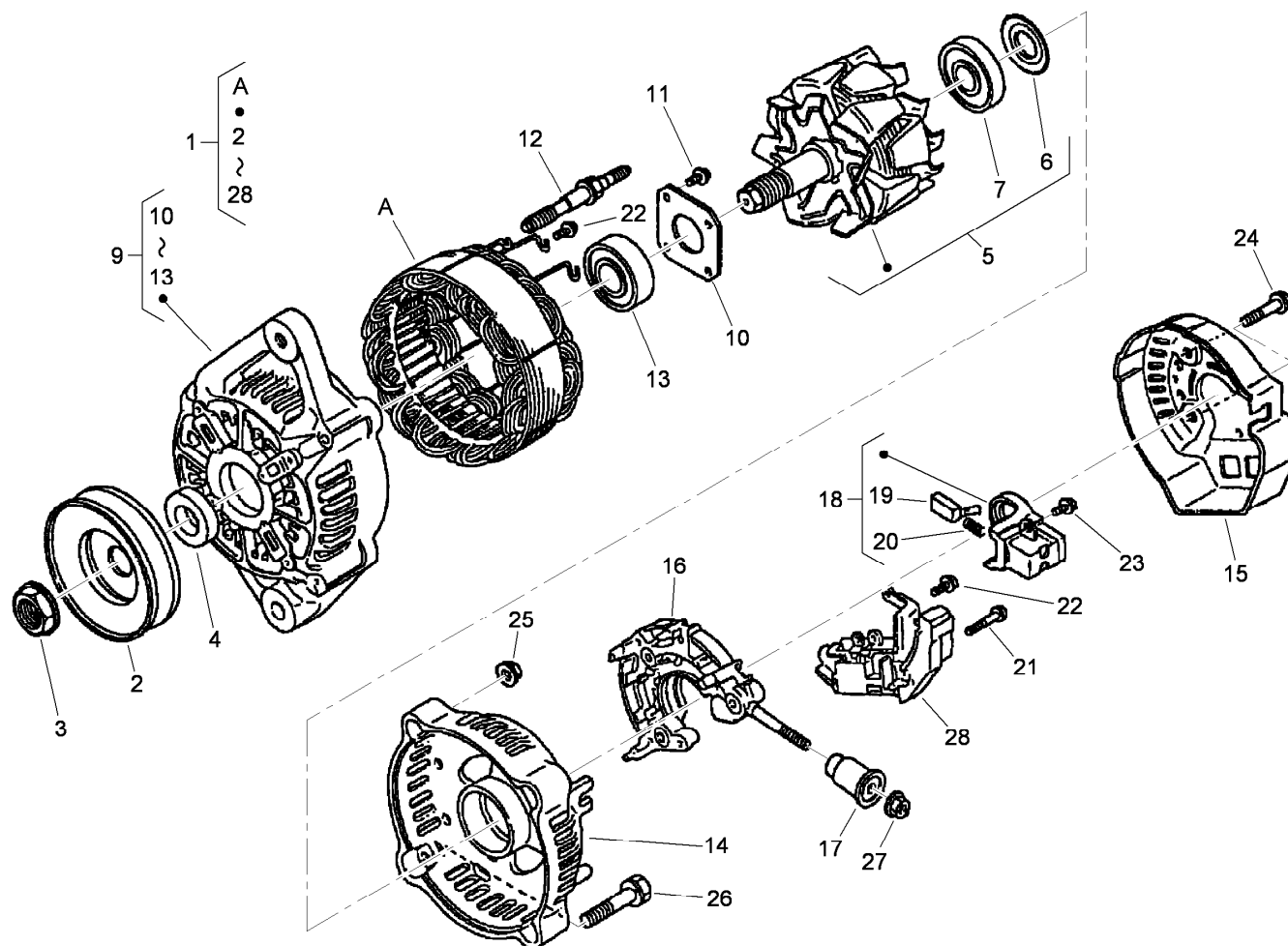
## Nozzle Holder Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>         | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>         |
|-------------|--------------------|-------------|----------------------------|-------------|--------------------|-------------|----------------------------|
| 1           | 100-1758           | 3           | Nozzle Holder ASM          | 11          | 98-7860            | 3           | Washer-Adjusting (1.400Mm) |
| 2           | 98-7613            | 3           | Nut                        | 11          | 98-7861            | 3           | Washer-Adjusting (1.425Mm) |
| 3           | 98-7642            | 3           | Washer-Adjusting (0.900Mm) | 11          | 98-7862            | 3           | Washer-Adjusting (1.450Mm) |
| 4           | 98-7647            | 3           | Spring-Nozzle              | 11          | 98-7863            | 3           | Washer-Adjusting (1.475Mm) |
| 5           | 98-7665            | 3           | Spacer-Distance            | 11          | 98-7864            | 3           | Washer-Adjusting (1.500Mm) |
| 6           | 98-7666            | 3           | Rod-Push                   | 11          | 98-7865            | 3           | Washer-Adjusting (1.525Mm) |
| 7           | 100-2008           | 3           | Nut-Nozzle                 | 11          | 98-7866            | 3           | Washer-Adjusting (1.550Mm) |
| 8           | 98-7668            | 3           | Washer                     | 11          | 98-7867            | 3           | Washer-Adjusting (1.575Mm) |
| 9           | 100-2009           | 3           | Piece-Nozzle               | 11          | 98-7868            | 3           | Washer-Adjusting (1.600Mm) |
| 10          | 98-9448            | 3           | Adjusting Washer ASM       | 11          | 98-7869            | 3           | Washer-Adjusting (1.625Mm) |
| 11          | 98-7642            | 3           | Washer-Adjusting (0.900Mm) | 11          | 98-7870            | 3           | Washer-Adjusting (1.650Mm) |
| 11          | 98-7841            | 3           | Washer-Adjusting (0.925Mm) | 11          | 98-7871            | 3           | Washer-Adjusting (1.675Mm) |
| 11          | 98-7842            | 3           | Washer-Adjusting (0.950Mm) | 11          | 98-7872            | 3           | Washer-Adjusting (1.700Mm) |
| 11          | 98-7843            | 3           | Washer-Adjusting (0.975Mm) | 11          | 98-7873            | 3           | Washer-Adjusting (1.725Mm) |
| 11          | 98-7844            | 3           | Washer-Adjusting (1.000Mm) | 11          | 98-7874            | 3           | Washer-Adjusting (1.750Mm) |
| 11          | 98-7845            | 3           | Washer-Adjusting (1.025Mm) | 11          | 98-7875            | 3           | Washer-Adjusting (1.775Mm) |
| 11          | 98-7846            | 3           | Washer-Adjusting (1.050Mm) | 11          | 98-7876            | 3           | Washer-Adjusting (1.800Mm) |
| 11          | 98-7847            | 3           | Washer-Adjusting (1.075Mm) | 11          | 98-7877            | 3           | Washer-Adjusting (1.825Mm) |
| 11          | 98-7848            | 3           | Washer-Adjusting (1.100Mm) | 11          | 98-7878            | 3           | Washer-Adjusting (1.850Mm) |
| 11          | 98-7849            | 3           | Washer-Adjusting (1.125Mm) | 11          | 98-7879            | 3           | Washer-Adjusting (1.875Mm) |
| 11          | 98-7850            | 3           | Washer-Adjusting (1.150Mm) | 11          | 98-7880            | 3           | Washer-Adjusting (1.900Mm) |
| 11          | 98-7851            | 3           | Washer-Adjusting (1.175Mm) | 11          | 98-7881            | 3           | Washer-Adjusting (1.925Mm) |
| 11          | 98-7852            | 3           | Washer-Adjusting (1.200Mm) | 11          | 98-7882            | 3           | Washer-Adjusting (1.950Mm) |
| 11          | 98-7853            | 3           | Washer-Adjusting (1.225Mm) | 12          | 98-7676            | 3           | Gasket                     |
| 11          | 98-7854            | 3           | Washer-Adjusting (1.250Mm) | 13          | 98-7677            | 3           | Seal-Heat                  |
| 11          | 98-7855            | 3           | Washer-Adjusting (1.275Mm) | 14          | 100-1982           | 3           | Nozzle Holder Kit          |
| 11          | 98-7856            | 3           | Washer-Adjusting (1.300Mm) |             |                    |             |                            |
| 11          | 98-7857            | 3           | Washer-Adjusting (1.325Mm) |             |                    |             |                            |
| 11          | 98-7858            | 3           | Washer-Adjusting (1.350Mm) |             |                    |             |                            |
| 11          | 98-7859            | 3           | Washer-Adjusting (1.375Mm) |             |                    |             |                            |



## Alternator, Pulley and Fuel Pump Cover Assembly

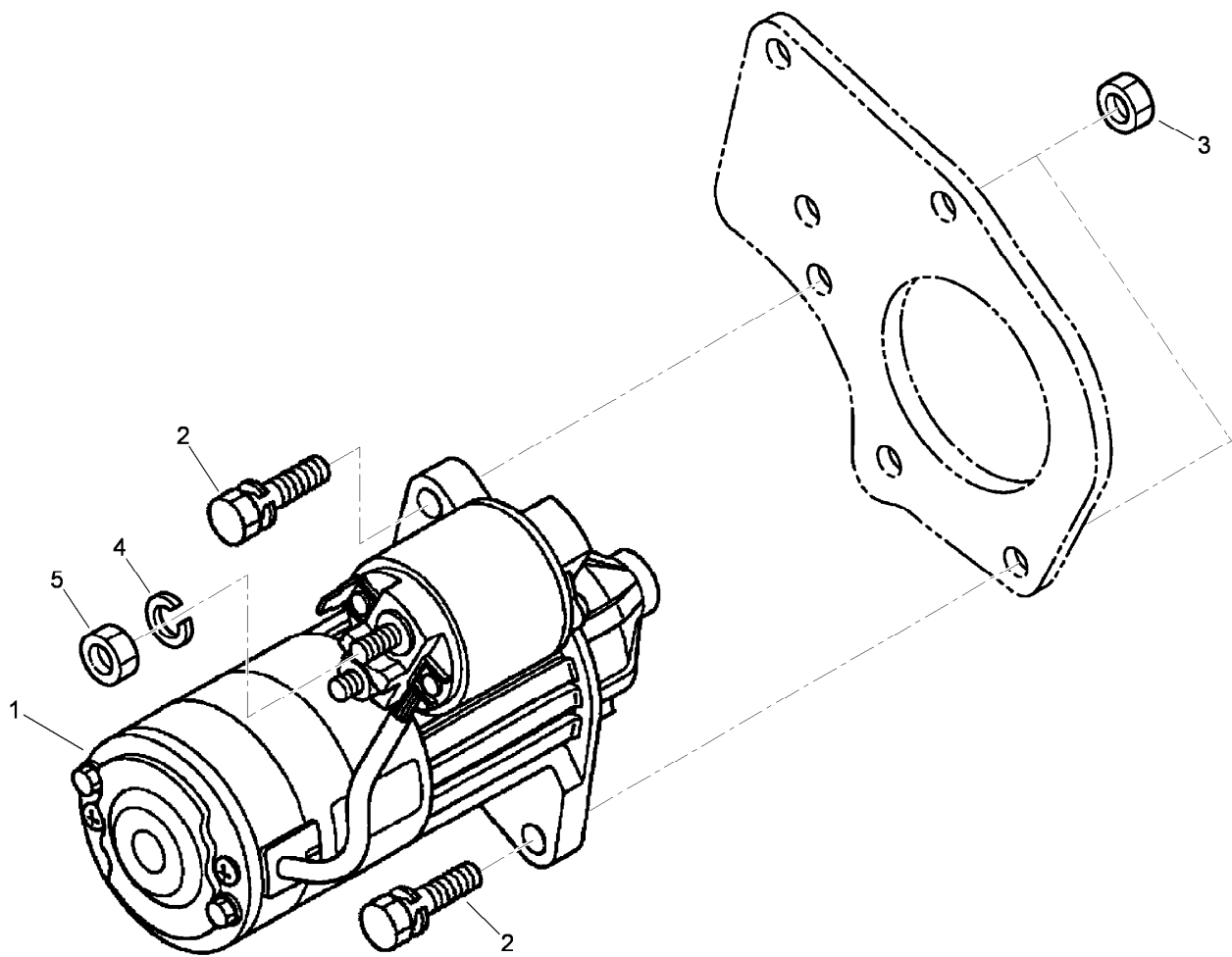
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 99-3514     | 1    | Cover                  |
| 2    | 98-9636     | 1    | Gasket-Pump, Fuel      |
| 3    | 98-7692     | 2    | Bolt                   |
| 4    | 112-8350    | 1    | Alternator (12V-60Amp) |
| 5    | 117-0314    | 1    | Stay-Alternator        |
| 6    | 98-7697     | 1    | Bolt                   |
| 7    | 110-3793    | 1    | Bolt                   |
| 8    | 98-7660     | 1    | Washer-Plain           |
| 9    | 110-3794    | 1    | Collar                 |
| 10   | 100-9233    | 1    | Washer-Plain           |
| 11   | 98-7605     | 2    | Bolt                   |
| 12   | 112-8339    | 1    | Pulley-Drive, Fan      |
| 13   | 100-1978    | 1    | Bolt                   |
| 14   | 100-1921    | 1    | Pulley-Fan             |
| 15   | 110-3796    | 1    | Belt-V                 |
| 16   | 117-0315    | 1    | Cover-Alternator       |
| 17   | 99-8363     | 4    | Bolt-Flange            |



## Alternator Components Assembly

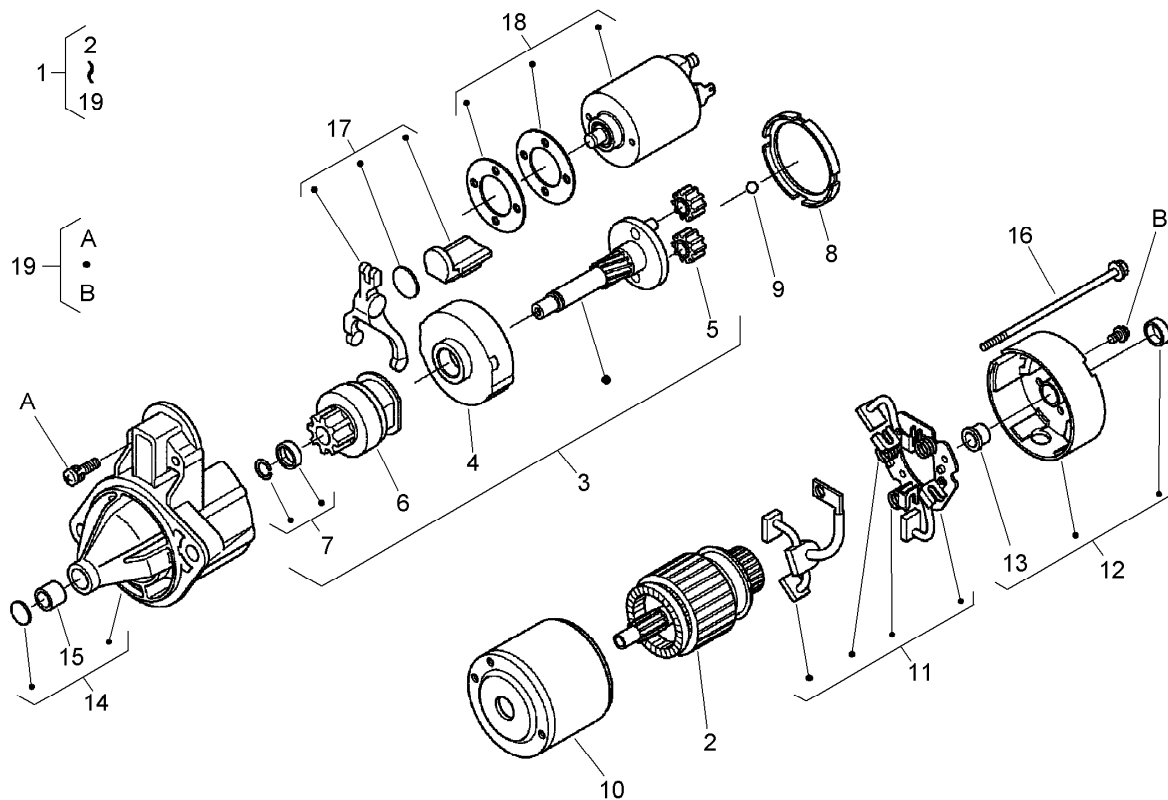
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 112-8350    | 1    | Alternator (12V-60Amp) |
| 2    | 98-9453     | 1    | Pulley-Dynamo          |
| 3    | 98-7708     | 1    | Nut                    |
| 4    | 98-7709     | 1    | Collar                 |
| 5    | 117-0317    | 1    | Rotor ASM              |
| 6    | 98-7711     | 1    | Cover-Bearing          |
| 7    | 107-0138    | 1    | Bearing-Ball           |
| 9    | 117-0316    | 1    | Drive End Frame ASM    |
| 10   | 98-7715     | 1    | Plate-Retainer         |
| 11   | 98-7716     | 4    | Screw-Head, Round      |
| 12   | 98-7717     | 2    | Bolt-Through           |
| 13   | 107-0137    | 1    | Bearing-Ball           |
| 14   | 117-0318    | 1    | *obs* Frame-End        |
| 15   | 117-0320    | 1    | Cover-End              |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 16   | 117-0322    | 1    | Holder            |
| 17   | 117-0321    | 1    | Insulation-Brush  |
| 18   | 107-0141    | 1    | Brush Holder ASM  |
| 19   | 98-7724     | 2    | Brush             |
| 20   | 98-7725     | 2    | Spring-Brush      |
| 21   | 98-7726     | 2    | Screw-Head, Round |
| 22   | 98-7727     | 6    | Screw-Head, Round |
| 23   | 98-7728     | 1    | Screw-Head, Round |
| 24   | 98-7729     | 3    | Bolt              |
| 25   | 98-7730     | 2    | Nut               |
| 26   | 98-7731     | 2    | Bolt              |
| 27   | 98-7732     | 1    | Nut               |
| 28   | 117-0319    | 1    | Regulator ASM     |



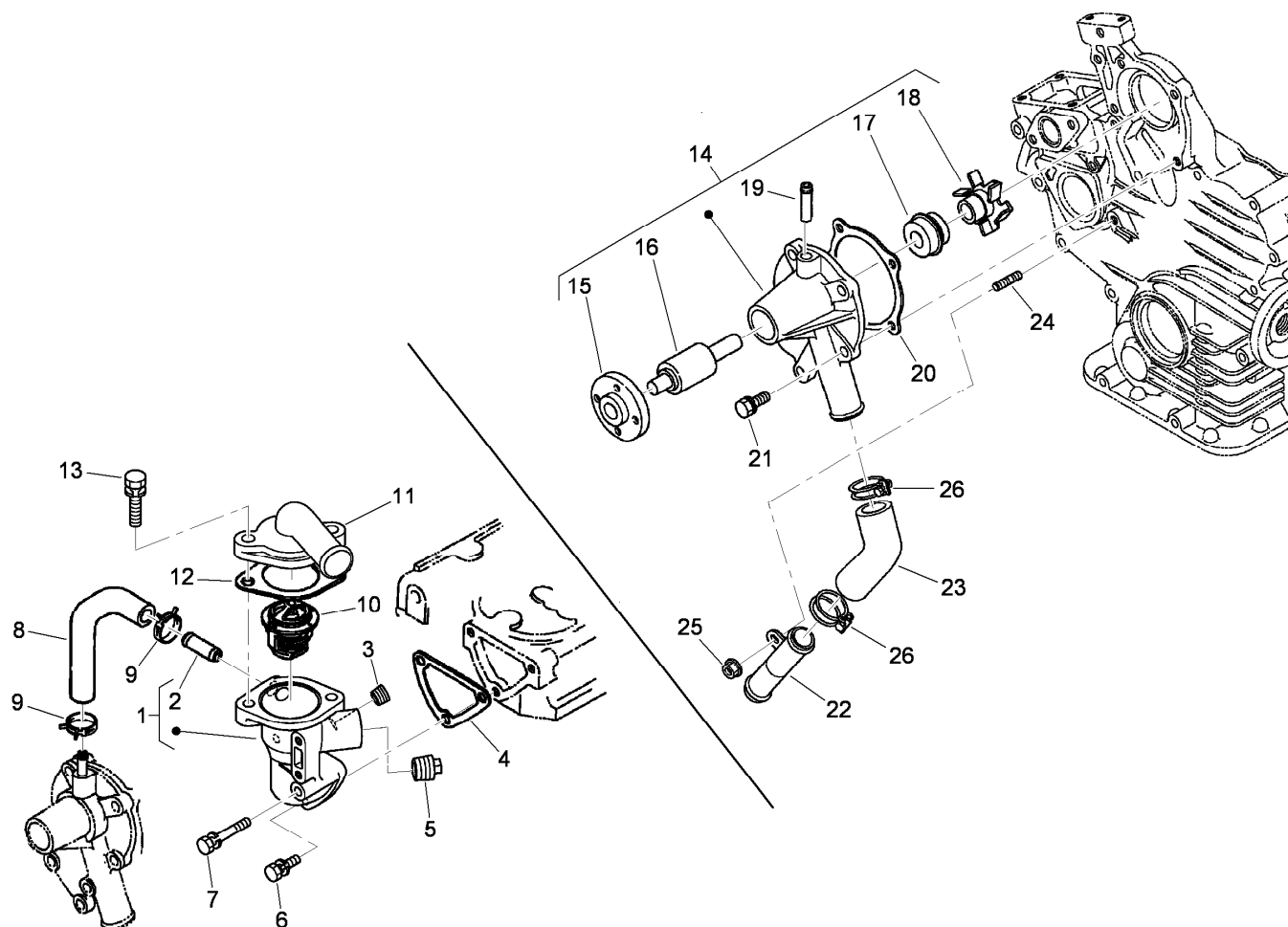
## Starter Assembly

| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 1    | 110-3800    | 1    | Starter ASM   |
| 2    | 100-1770    | 2    | Bolt          |
| 3    | 98-7661     | 2    | Nut           |
| 4    | 98-7535     | 1    | Washer-Spring |
| 5    | 98-7534     | 1    | Nut           |



## Starter Components Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 110-3800    | 1    | Starter ASM          |
| 2    | 110-3801    | 1    | Armature             |
| 3    | 110-3802    | 1    | Shaft ASM            |
| 4    | 110-3803    | 1    | Gear-Internal        |
| 5    | 110-3804    | 3    | Gear-Planetary       |
| 6    | 110-3805    | 1    | Clutch-Running, Over |
| 7    | 110-3806    | 1    | Stopper              |
| 8    | 110-3807    | 1    | Gasket               |
| 9    | 110-3808    | 1    | Ball                 |
| 10   | 110-3809    | 1    | Yoke                 |
| 11   | 110-3810    | 1    | Brush Holder ASM     |
| 12   | 110-3811    | 1    | Rear Bracket ASM     |
| 13   | 110-3812    | 1    | Bushing              |
| 14   | 110-3813    | 1    | Front Bracket ASM    |
| 15   | 110-3814    | 1    | Bushing              |
| 16   | 110-3815    | 2    | Bolt                 |
| 17   | 110-3816    | 1    | Fork Lever ASM       |
| 18   | 110-3817    | 1    | Magnetic Switch ASM  |
| 19   | 110-3818    | 1    | Screws (Set Of 4)    |

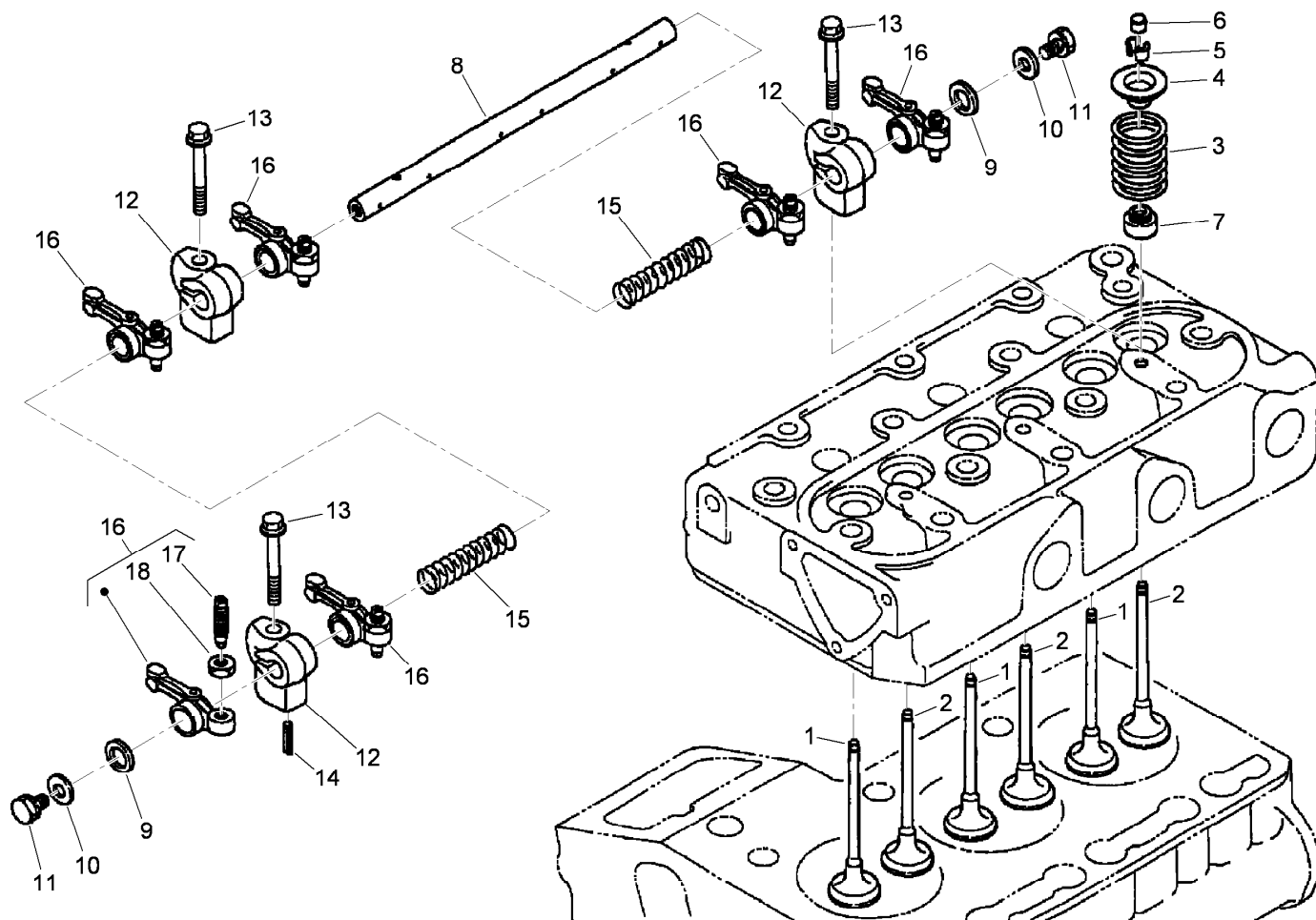


## Water Flange and Thermostat Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 110-3819    | 1    | Water Flange ASM     |
| 2    | 98-9580     | 1    | Pipe-Return, Water   |
| 3    | 98-9444     | 1    | Plug                 |
| 4    | 110-3820    | 1    | Gasket-Flange, Water |
| 5    | 110-3821    | 1    | Plug                 |
| 6    | 98-7692     | 2    | Bolt                 |
| 7    | 105-3797    | 1    | Bolt                 |
| 8    | 110-3822    | 1    | Pipe-Return, Water   |
| 9    | 98-9579     | 2    | Band-Pipe            |
| 10   | 98-7778     | 1    | Thermostat ASM       |
| 11   | 110-3823    | 1    | Cover-Thermostat     |
| 12   | 105-3748    | 1    | Gasket-Thermostat    |
| 13   | 98-7777     | 2    | Bolt                 |

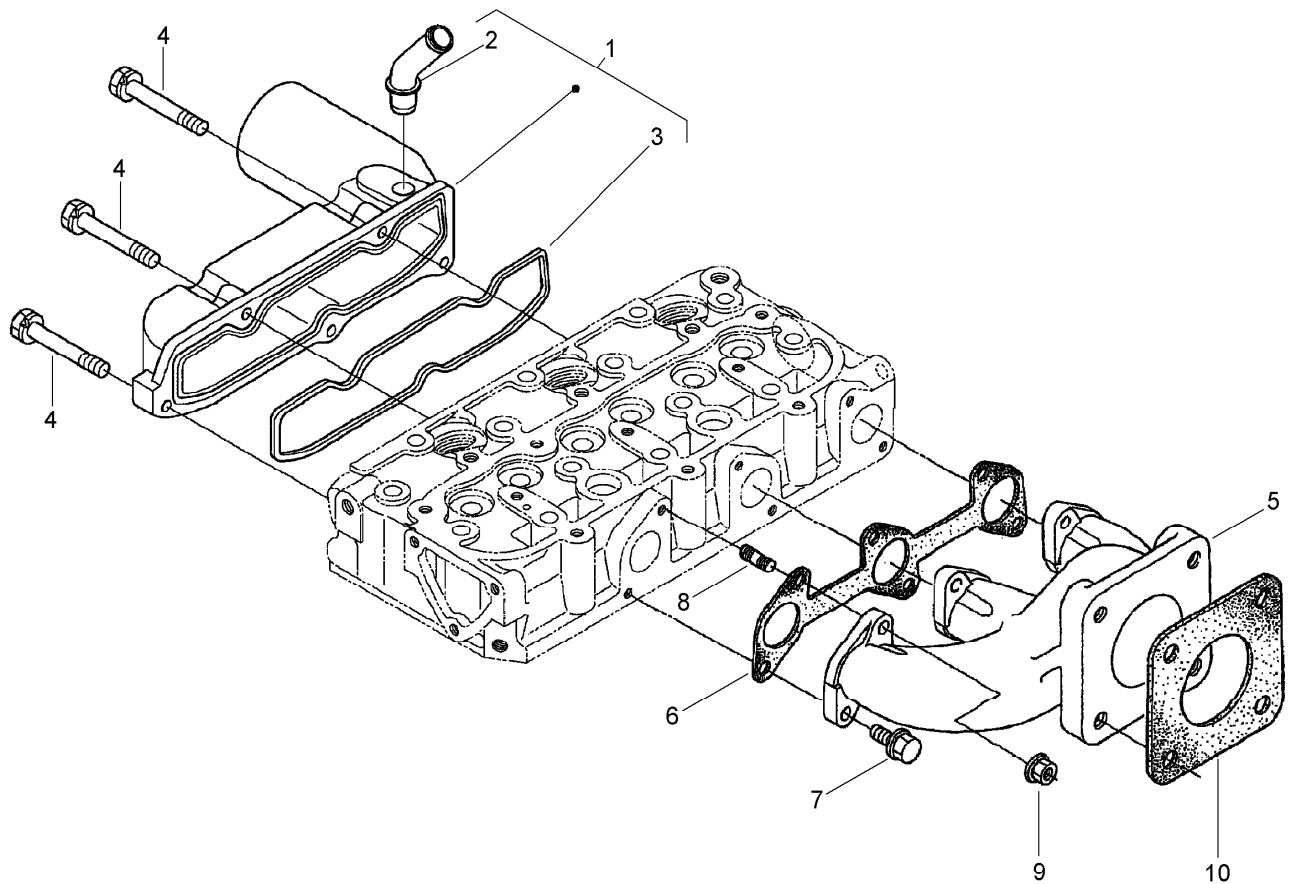
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 14   | 110-3824    | 1    | Water Pump ASM       |
| 15   | 100-1933    | 1    | Flange-Pump, Water   |
| 16   | 100-1934    | 1    | Bearing-Ball         |
| 17   | 99-3518     | 1    | Water Pump Seal ASM  |
| 18   | 110-3825    | 1    | Impeller-Pump, Water |
| 19   | 100-1932    | 1    | Pipe-Return, Water   |
| 20   | 110-3826    | 1    | Gasket-Pump, Water   |
| 21   | 100-1750    | 4    | Bolt                 |
| 22   | 100-1918    | 1    | Pipe-Water           |
| 23   | 110-3827    | 1    | Pipe-Water           |
| 24   | 100-1924    | 1    | Stud                 |
| 25   | 100-2203    | 1    | Nut-Flange           |
| 26   | 110-3828    | 2    | Band-Pipe            |





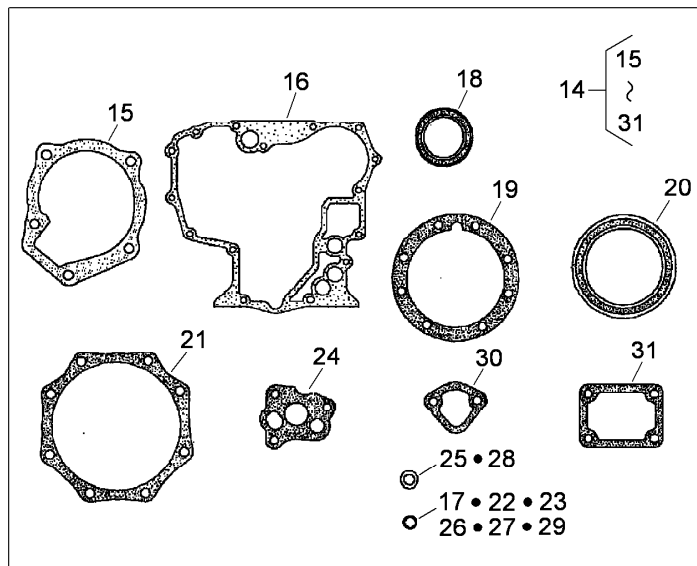
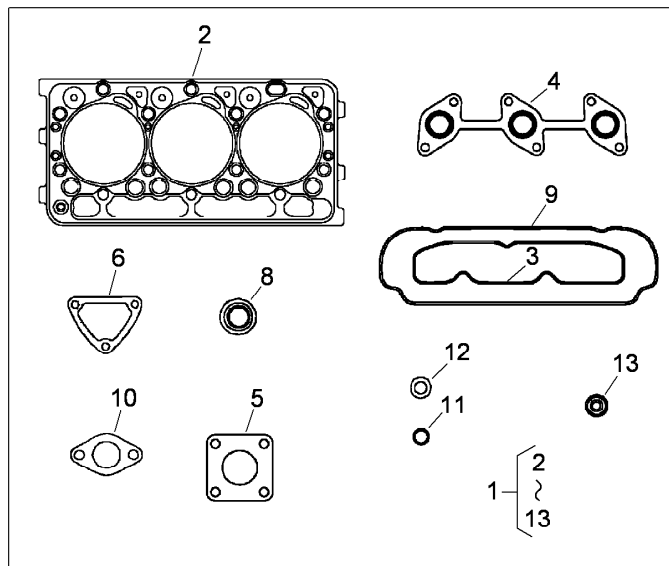
## Valve and Rocker Arm Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 112-2514    | 3    | Valve-Inlet            |
| 2    | 112-2515    | 3    | Valve-Exhaust          |
| 3    | 100-1823    | 6    | Spring-Valve           |
| 4    | 100-1825    | 6    | Retainer-Spring, Valve |
| 5    | 100-1826    | 6    | Collet-Spring, Valve   |
| 6    | 100-2155    | 6    | Cap-Valve              |
| 7    | 100-1797    | 6    | Seal-Stem, Valve       |
| 8    | 112-8341    | 1    | Shaft-Arm, Rocker      |
| 9    | 100-2044    | 2    | Washer                 |
| 10   | 110-3832    | 2    | Washer-Plain           |
| 11   | 100-1762    | 2    | Bolt                   |
| 12   | 110-3833    | 3    | Bracket-Arm, Rocker    |
| 13   | 110-3834    | 3    | Bolt-Flange            |
| 14   | 98-7602     | 1    | Pin-Spring             |
| 15   | 112-8342    | 2    | Spring                 |
| 16   | 100-1884    | 6    | Rocker Arm ASM         |
| 17   | 100-1885    | 6    | Screw-Adjusting        |
| 18   | 100-1827    | 6    | Nut                    |



## Inlet and Exhaust Manifold Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 110-3836    | 1    | Inlet Manifold ASM       |
| 2    | 110-3837    | 1    | Pipe-Breather            |
| 3    | 110-3838    | 1    | Gasket-Manifold, Intake  |
| 4    | 98-9352     | 5    | Bolt                     |
| 5    | 110-3839    | 1    | Manifold-Exhaust         |
| 6    | 110-3840    | 1    | Gasket-Manifold, Exhaust |
| 7    | 100-1775    | 3    | Bolt                     |
| 8    | 100-2202    | 3    | Stud                     |
| 9    | 100-1778    | 3    | Nut                      |
| 10   | 99-8343     | 1    | Gasket-Muffler           |



## Upper and Lower Gasket Kits

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 112-2518    | 1    | Upper Gasket Kit         |
| 2    | 112-2520    | 1    | Gasket-Head, Cylinder    |
| 3    | 110-3838    | 1    | Gasket-Manifold, Intake  |
| 4    | 110-3840    | 1    | Gasket-Manifold, Exhaust |
| 5    | 99-8343     | 1    | Gasket-Muffler           |
| 6    | 110-3820    | 1    | Gasket-Flange, Water     |
| 8    | 100-1797    | 6    | Seal-Stem, Valve         |
| 9    | 112-2521    | 1    | Gasket-Cover, Head       |
| 10   | 105-3748    | 1    | Gasket-Thermostat        |
| 11   | 99-3446     | 1    | O-Ring                   |
| 12   | 98-7676     | 3    | Gasket                   |
| 13   | 98-7677     | 3    | Seal-Heat                |
| 14   | 117-0324    | 1    | Lower Gasket Kit         |
| 15   | 100-1976    | 1    | Gasket-Pump, Water       |
| 16   | 110-3707    | 1    | Case-Gear                |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 17   | 110-3762    | 1    | O-Ring                |
| 18   | 100-1971    | 1    | Seal-Oil              |
| 19   | 117-0304    | 1    | Gasket-Case, Bearing  |
| 20   | 110-3724    | 1    | Seal-Oil              |
| 21   | 100-1876    | 1    | Gasket-Cover, Case    |
| 22   | 100-2206    | 3    | O-Ring                |
| 23   | 100-2209    | 1    | O-Ring                |
| 24   | 100-2003    | 3    | Gasket-Pump, Oil      |
| 25   | 98-7654     | 3    | Gasket                |
| 26   | 100-2208    | 1    | O-Ring                |
| 27   | 100-2207    | 1    | O-Ring                |
| 28   | 110-9715    | 3    | Gasket-Pan, Oil       |
| 29   | 105-3776    | 1    | O-Ring                |
| 30   | 98-9636     | 1    | Gasket-Pump, Fuel     |
| 31   | 100-1962    | 1    | Gasket-Plate, Control |

# Attachments and Accessories

## For 74267 Z580-D Z Master With 60in TURBO FORCE Side Discharge Mower

| Product Name                                          | Model/Part  |
|-------------------------------------------------------|-------------|
| Z Stand Kit .....                                     | 105-1622    |
| Blade-Mid Flow, 20.5in .....                          | 105-7715-03 |
| Blade-Lo Flow, 20.5in .....                           | 105-7716-03 |
| Blade-Hi Flow, 20.5in .....                           | 105-7718-03 |
| Blade-Recycler, 20.5in .....                          | 105-7777-03 |
| Blade-Atomic, 20.5in .....                            | 105-8777-03 |
| Recycler Kit .....                                    | 107-1611    |
| Striping Kit .....                                    | 107-1630    |
| Turbo Baffle Kit .....                                | 107-1634    |
| Light Kit .....                                       | 107-9880    |
| 6 Pack Blade, 20.5in Hi-Flow .....                    | 108-1114    |
| 6 Pack-Blade, 20.5in Atomic .....                     | 108-1115    |
| 6 Pack Blade, 20.5in Mid-Flow .....                   | 108-1123    |
| 6 Pack-Blade, 20.5in Lo Flow .....                    | 108-1128    |
| Roller Striping Kit .....                             | 108-2162    |
| 6 Pack-Blade, 20.5in Recycler .....                   | 110-0405    |
| Operator Fan Kit - US Sales Only, 2in ROPS Post ..... | 110-1996    |
| Bimini Folding Shade Assembly .....                   | 115-4510    |
| Chute Gate Kit .....                                  | 78521       |
| Deluxe Suspension Seat Kit .....                      | 78530       |
| Triple Bag Assembly .....                             | 78534       |
| Blower and Drive Kit .....                            | 78538       |
| DFS E-Z Vac Bagger .....                              | 78544       |
| Filter Minder Gauge .....                             | 99-4664     |
| Hitch Kit .....                                       | 99-8925     |

**Notes:**

**Notes:**

**Notes:**



**Count on it.**