



## **Z149 Z Master<sup>®</sup>**

### **With 112cm SFS Side Discharge Mower**

Model No. 74411TE - 260000001 and up.

## **Parts Catalog**

### **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 illustrations and in part 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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## Part Description Abbreviations

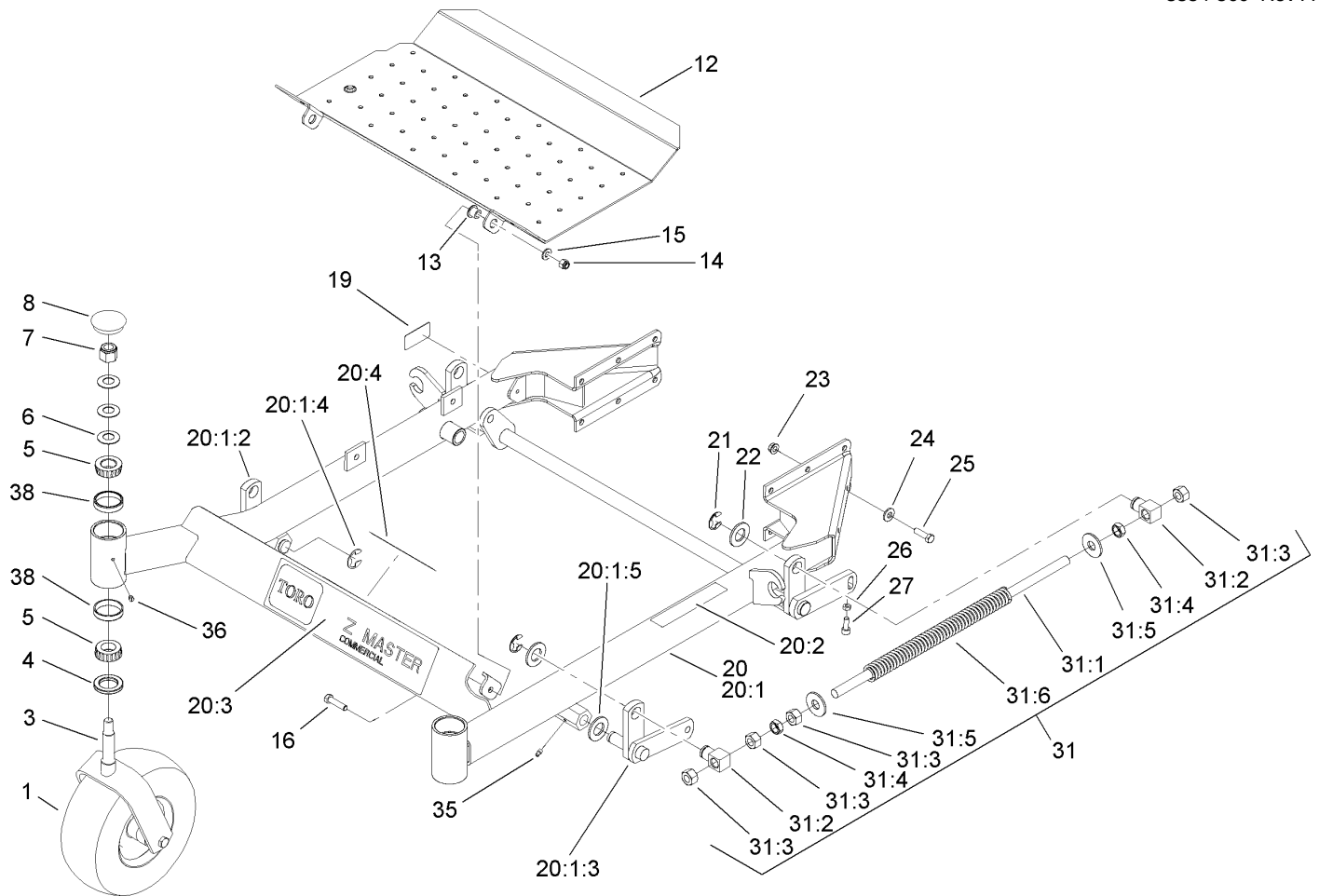
Part descriptions in this catalog may include the following abbreviations.

|                                            |                                              |
|--------------------------------------------|----------------------------------------------|
| AR. .... as required                       | INC. .... incorporated                       |
| ASM. .... assembly                         | LH. .... left hand                           |
| BBC. .... blade brake clutch               | NI. .... nylon insert                        |
| CARR. .... carriage                        | NPTF. .... national pipe thread fine         |
| DEG. .... degrees                          | PFH. .... phillips flat head                 |
| EXT. .... external                         | PPH. .... phillips pan head                  |
| FH. .... flat head                         | PPHTF. .... phillips pan head thread forming |
| GA. .... gauge                             | PRH. .... phillips round head                |
| HF. .... hex flange                        | PTH. .... phillips truss head                |
| HH. .... hex head                          | PTO. .... power-take-off                     |
| HHF. .... hex head flange                  | RH. .... right hand                          |
| HHFTF. .... hex head flange thread forming | ROPS. .... roll-over-protection-system       |
| HJ. .... hex jam                           | SFH. .... slotted fillister head             |
| HLH. .... hex lag head                     | SHH. .... slotted hex head                   |
| HOC. .... height-of-cut                    | SHWH. .... slotted hex washer head           |
| HSBH. .... hex socket button head          | SPH. .... slotted pan head                   |
| HSFH. .... hex socket flat head            | SQH. .... square head                        |
| HSH. .... hex socket head                  | SRH. .... slotted round head                 |
| HWH. .... hex washer head                  | STD. .... standard                           |
| HWHTF. .... hex washer head thread forming | TAP. .... self tapping                       |
| HYD. .... hydraulic                        | TTH. .... torx truss head                    |

## Footnotes

❶ Not serviced separately

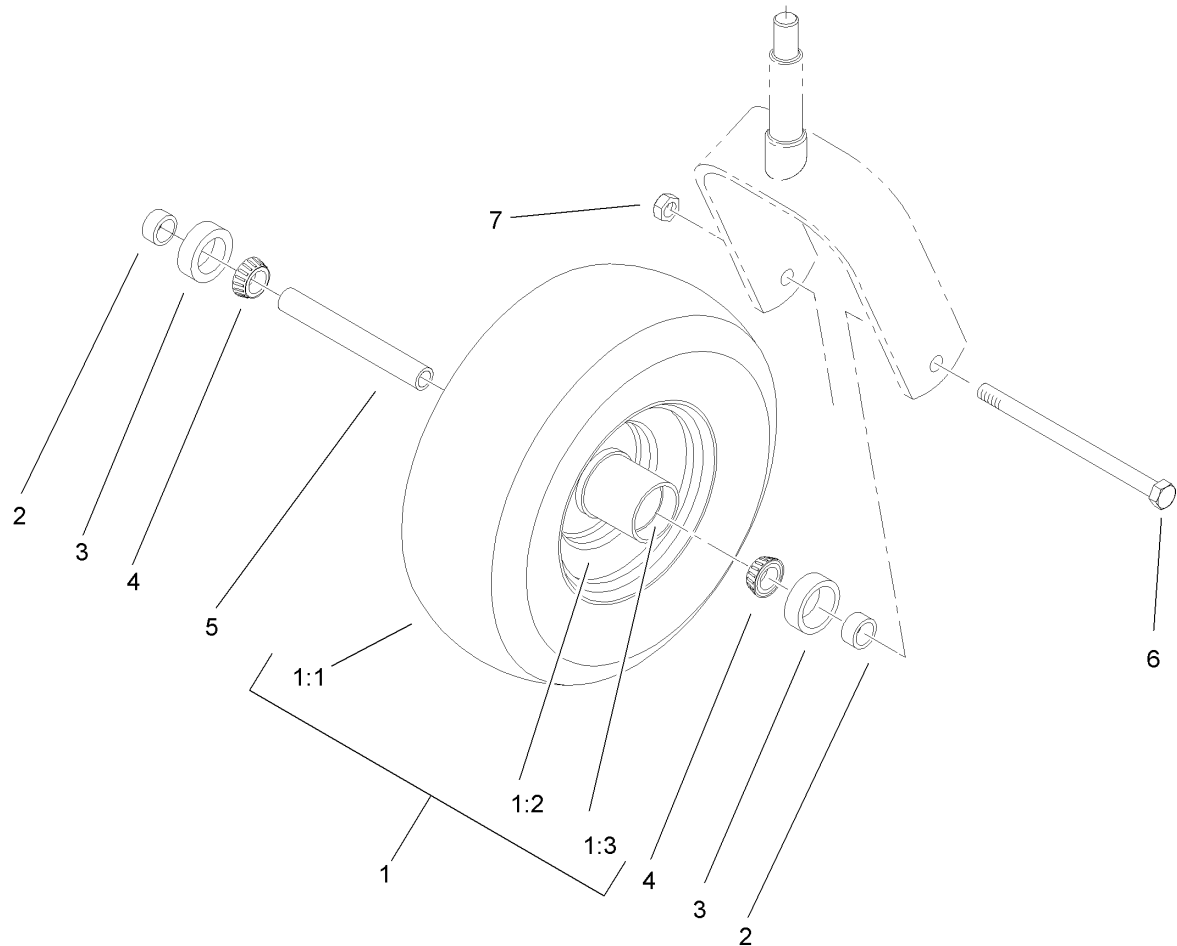
❷ Obtain from your local Kawasaki dealer



## Front Frame Assembly

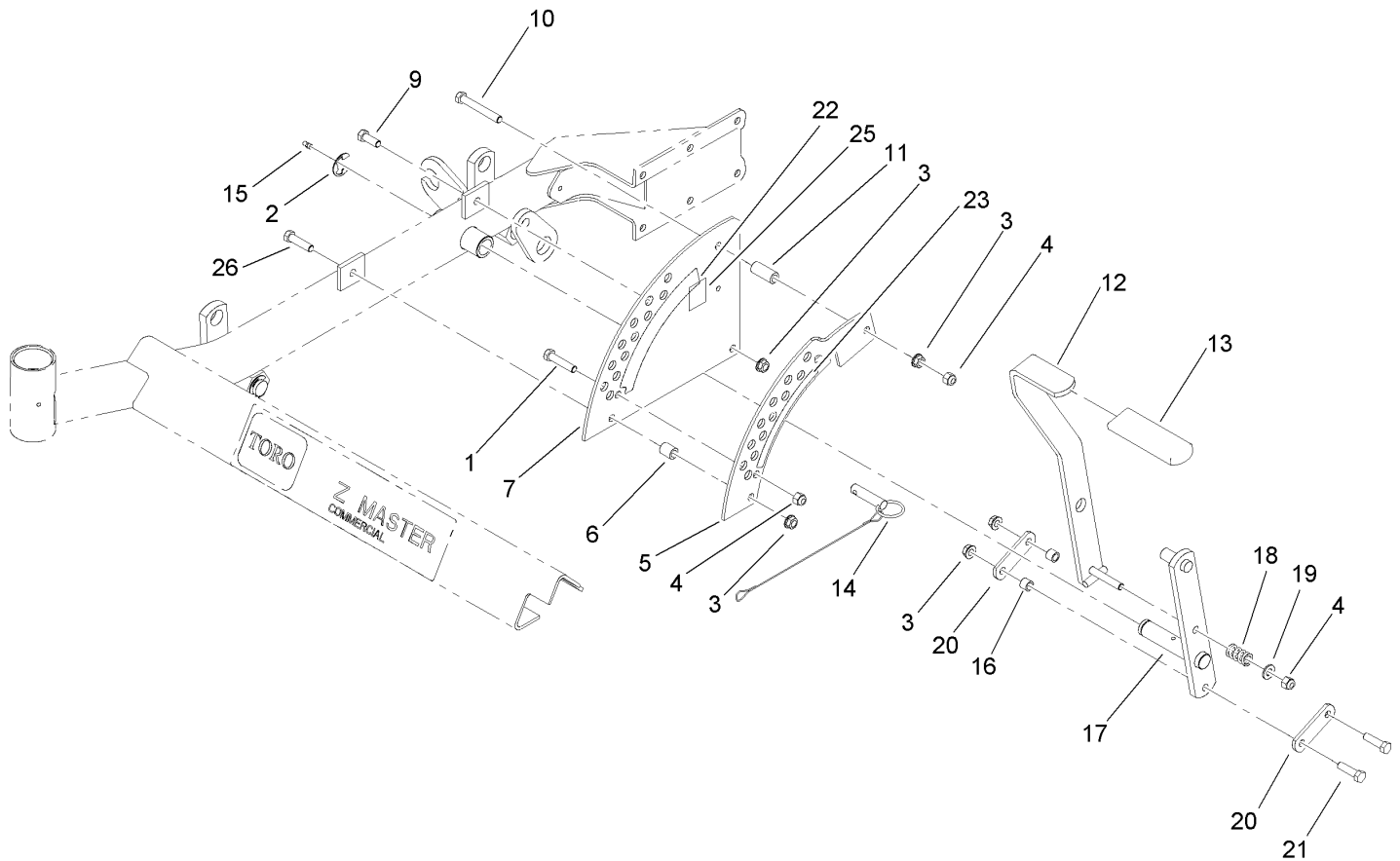
| Ref    | Part No.    | Qty. | Description           |
|--------|-------------|------|-----------------------|
| 1      | 1-634662    | 2    | Caster Wheel ASM      |
| 3      | 1-632511-01 | 2    | Caster                |
| 4      | 1-543511    | 2    | Seal-Grease           |
| 5      | 254-94      | 4    | Bearing-Cone, Tapered |
| 6      | 1-633508    | 6    | Washer-Bellville      |
| 7      | 3296-51     | 2    | Nut-Lock, NI          |
| 8      | 103-4882    | 2    | Cap-Grease            |
| 12     | 108-5007-03 | 1    | Floor Pan             |
| 13     | 86-2180     | 2    | Bushing-Flange        |
| 14     | 3296-39     | 2    | Nut-Lock, NI          |
| 15     | 3256-24     | 2    | Washer-Flat           |
| 16     | 323-8       | 2    | Screw-HH              |
| 19     | 108-5278    | 1    | Decal                 |
| 20     | 108-5042    | 1    | Front Frame ASM       |
| 20:1   |             | 1    | Frame-Front           |
| 20:1:2 | 99-3872     | 1    | RH Lift Arm ASM       |
| 20:1:3 | 99-3871     | 1    | LH Lift Arm ASM       |
| 20:1:4 | 32151-103   | 2    | Ring-Snap             |
| 20:1:5 | 3256-29     | 2    | Washer-Flat           |
| 20:2   | 107-2132    | 1    | Decal-Warning         |
| 20:3   | 106-7451    | 1    | Decal                 |
| 20:4   | 107-1866    | 1    | Decal-Danger, Slope   |
| 21     | 32151-103   | 4    | Ring-Snap             |
| 22     | 3256-29     | 4    | Washer-Flat           |

| Ref  | Part No. | Qty. | Description             |
|------|----------|------|-------------------------|
| 23   | 3290-357 | 12   | Nut-HHF, Whiz           |
| 24   | 98-5975  | 12   | Washer-Bellville        |
| 25   | 323-7    | 12   | Screw-HH                |
| 26   | 3218-2   | 2    | Nut-Jam                 |
| 27   | 3274-18  | 2    | Screw-HSH               |
| 31   | 1-634439 | 2    | Front Frame Spring ASM  |
| 31:1 | 1-633096 | 1    | Rod-Lift, Deck          |
| 31:2 | 1-633441 | 2    | Swivel-Deck Mount, Rear |
| 31:3 | 3217-11  | 4    | Nut-Hex                 |
| 31:4 | 3218-6   | 2    | Nut-Jam                 |
| 31:5 | 3256-7   | 2    | Washer-Flat             |
| 31:6 | 1-633064 | 1    | Spring-Support, Deck    |
| 35   | 302-19   | 4    | Fitting-Grease          |
| 36   | 1-811010 | 2    | Plug                    |
| 38   | 254-72   | 4    | Bearing-Cup, Tapered    |



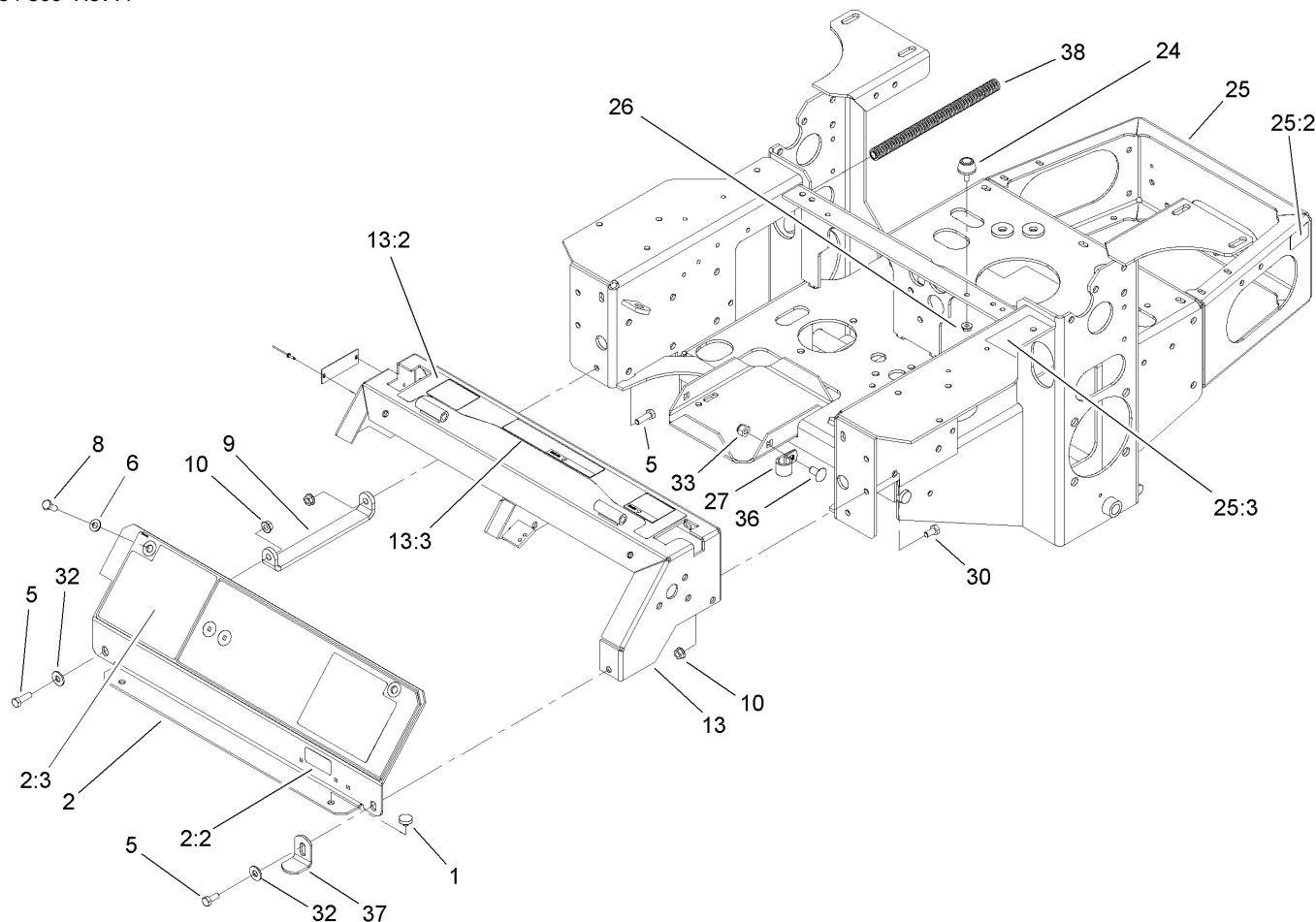
**Caster Wheel Assembly No. 1-634662**

| Ref | Part No. | Qty. | Description          |  |  |  |  |
|-----|----------|------|----------------------|--|--|--|--|
| 1   | 1-633582 | 1    | Wheel And Tire ASM   |  |  |  |  |
| 1:1 | 1-633002 | 1    | Tire                 |  |  |  |  |
| 1:2 | 1-633583 | 1    | Wheel                |  |  |  |  |
| 1:3 | 1-633584 | 2    | Bearing-Cup          |  |  |  |  |
| 2   | 1-633581 | 2    | Spacer-Bearing       |  |  |  |  |
| 3   | 1-633580 | 2    | Seal-Bearing         |  |  |  |  |
| 4   | 1-633585 | 2    | Bearing-Cone, Taper  |  |  |  |  |
| 5   | 1-633579 | 1    | Spacer-Caster, Front |  |  |  |  |
| 6   | 325-36   | 1    | Screw-HH             |  |  |  |  |
| 7   | 3296-45  | 1    | Nut-Lock, NI         |  |  |  |  |



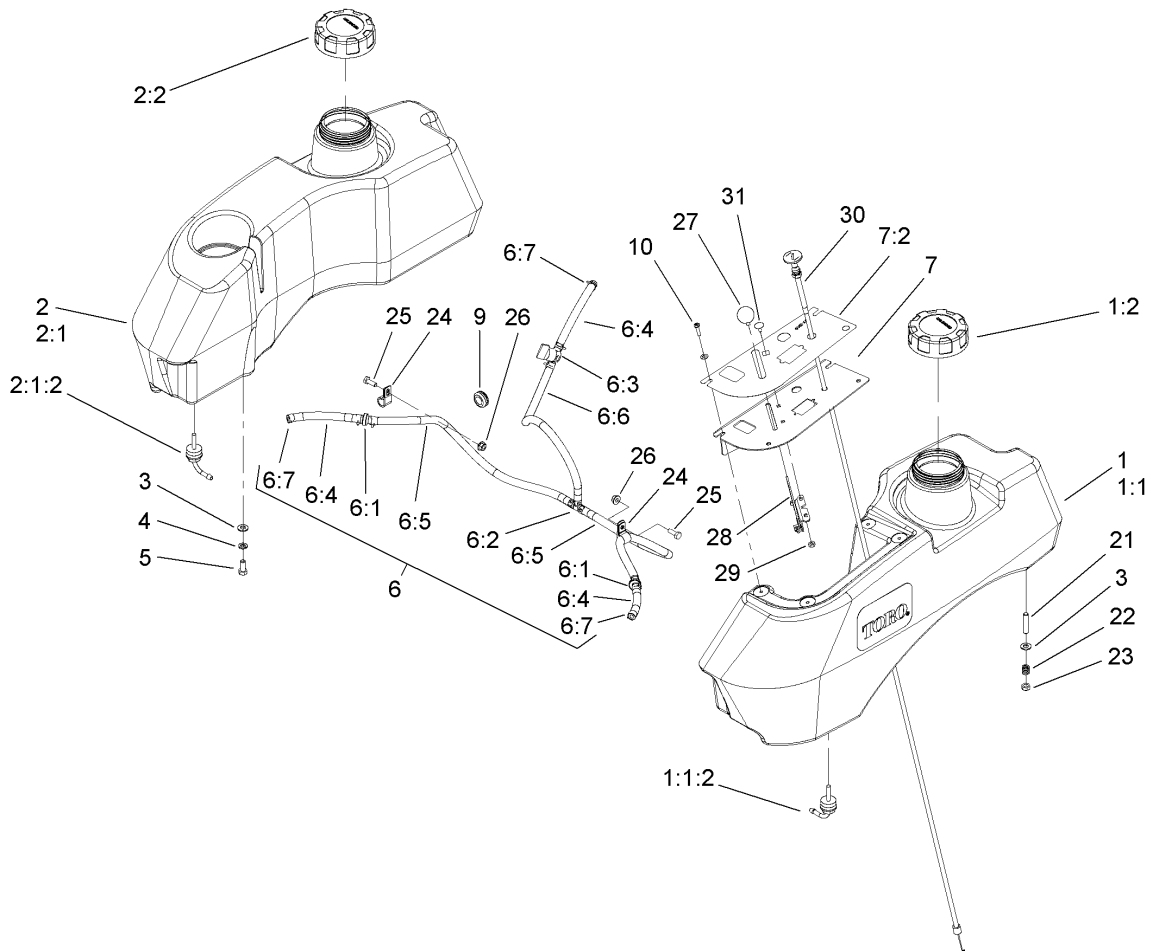
## Height-of-Cut Assembly

| Ref | Part No.    | Qty. | Description              |  |  |  |  |
|-----|-------------|------|--------------------------|--|--|--|--|
| 1   | 323-9       | 1    | Screw-HH                 |  |  |  |  |
| 2   | 32151-103   | 1    | Ring-Snap                |  |  |  |  |
| 3   | 3290-357    | 5    | Nut-HHF, Whiz            |  |  |  |  |
| 4   | 3296-39     | 3    | Nut-Lock, NI             |  |  |  |  |
| 5   | 108-7755-01 | 1    | Plate-Deck Lift          |  |  |  |  |
| 6   | 1-633080    | 1    | Bushing-Lever, Lift      |  |  |  |  |
| 7   | 1-653230-01 | 1    | Plate-Lift, Deck         |  |  |  |  |
| 9   | 323-6       | 1    | Screw-HH                 |  |  |  |  |
| 10  | 323-13      | 1    | Screw-HH                 |  |  |  |  |
| 11  | 1-633082    | 1    | Bushing-Lever, Lift      |  |  |  |  |
| 12  | 103-2078-03 | 1    | Handle-Lift              |  |  |  |  |
| 13  | 1-633295    | 1    | Grip-Lever, Lift         |  |  |  |  |
| 14  | 106-9951    | 1    | Hitch Pin ASM            |  |  |  |  |
| 15  | 302-19      | 1    | Fitting-Grease           |  |  |  |  |
| 16  | 103-1918    | 2    | Bushing                  |  |  |  |  |
| 17  | 106-6598-03 | 1    | Lift Arm ASM             |  |  |  |  |
| 18  | 1-633325    | 1    | Spring-Compression       |  |  |  |  |
| 19  | 3256-24     | 1    | Washer-Flat              |  |  |  |  |
| 20  | 1-633068    | 2    | Arm-Lift, Deck           |  |  |  |  |
| 21  | 323-29      | 2    | Screw-HH                 |  |  |  |  |
| 22  | 108-1053    | 1    | Decal-Deck Height, Outer |  |  |  |  |
| 23  | 108-1052    | 1    | Decal-Deck Height, Inner |  |  |  |  |
| 25  | 105-2699    | 1    | Decal-Noise              |  |  |  |  |
| 26  | 323-8       | 1    | Screw-HH                 |  |  |  |  |



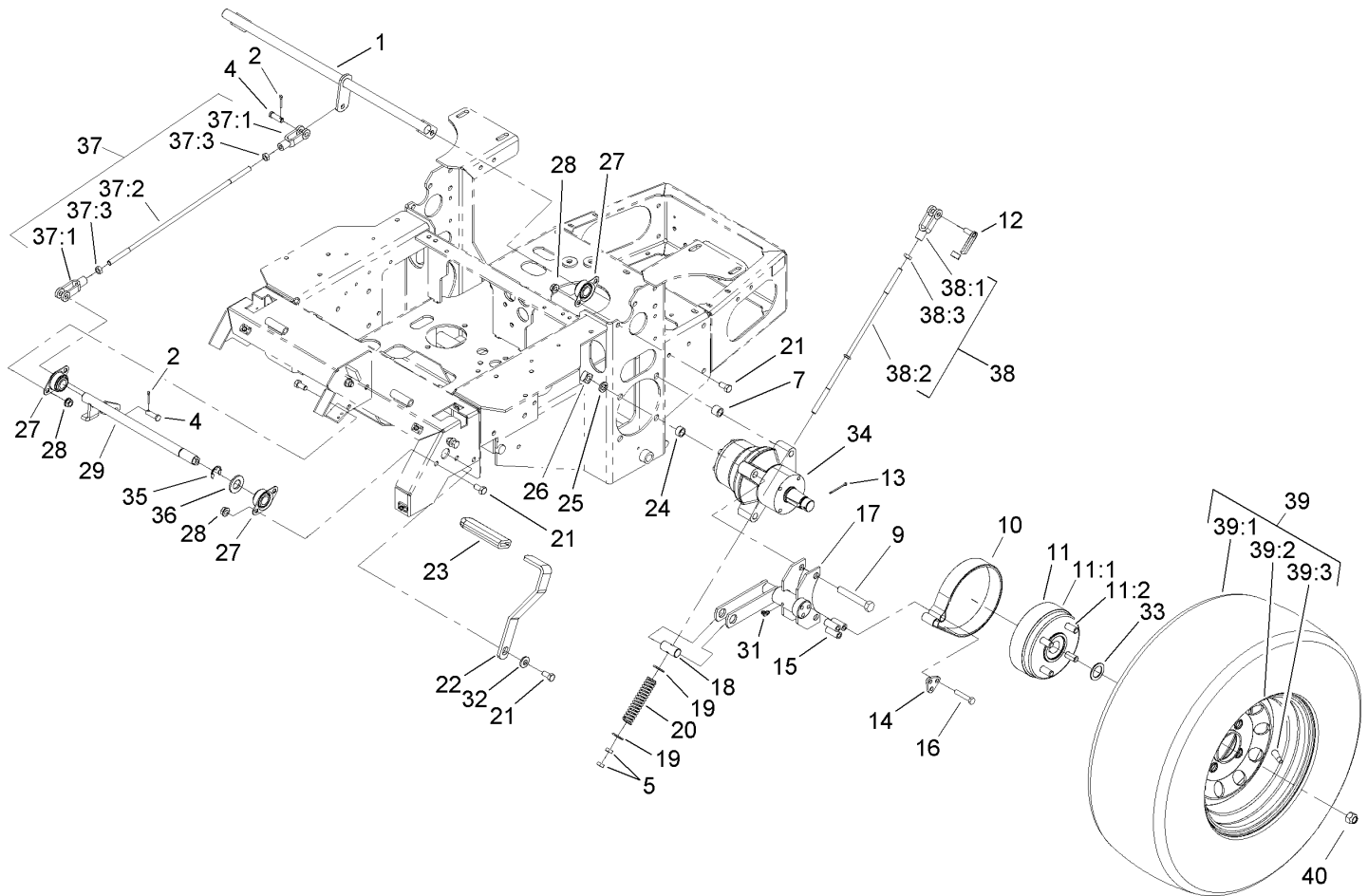
# Main Frame Assembly

| Ref  | Part No.    | Qty. | Description               |  |  |  |  |
|------|-------------|------|---------------------------|--|--|--|--|
| 1    | 1-513658    | 2    | Bumper                    |  |  |  |  |
| 2    | 108-1865    | 1    | Panel ASM                 |  |  |  |  |
| 2:2  | 98-4387     | 1    | Decal-Protection, Ear     |  |  |  |  |
| 2:3  | 108-1054    | 1    | Decal-Panel, Cover        |  |  |  |  |
| 5    | 322-5       | 3    | Screw-HH                  |  |  |  |  |
| 6    | 3256-23     | 2    | Washer-Flat               |  |  |  |  |
| 8    | 322-3       | 2    | Screw-HH                  |  |  |  |  |
| 9    | 103-7935-03 | 1    | Bracket, Instrument Panel |  |  |  |  |
| 10   | 32128-20    | 6    | Nut-HF                    |  |  |  |  |
| 13   | 105-6124    | 1    | Console                   |  |  |  |  |
| 13:2 | 99-8936     | 2    | Decal-Control, Motion     |  |  |  |  |
| 13:3 | 99-8944     | 1    | Decal-Battery             |  |  |  |  |
| 24   | 1-523420    | 2    | Bumper                    |  |  |  |  |
| 25   | 108-2784    | 1    | Main Frame ASM            |  |  |  |  |
| 25:2 | 106-5517    | 2    | Decal-Surface, Hot        |  |  |  |  |
| 25:3 | 105-6183    | 1    | Decal-Release, Drive      |  |  |  |  |
| 26   | 32128-33    | 2    | Nut-HF                    |  |  |  |  |
| 27   | 1-633396    | 1    | Clip-Loom                 |  |  |  |  |
| 30   | 322-2       | 4    | Screw-HH                  |  |  |  |  |
| 32   | 3256-3      | 2    | Washer-Flat               |  |  |  |  |
| 33   | 3296-39     | 1    | Nut-Lock, NI              |  |  |  |  |
| 36   | 3231-21     | 1    | Screw-CARR                |  |  |  |  |
| 37   | 99-8947-03  | 1    | Stop-Cover                |  |  |  |  |
| 38   | 24-7922     | 2    | Cover-Shaft, Drive        |  |  |  |  |



## Fuel System Assembly

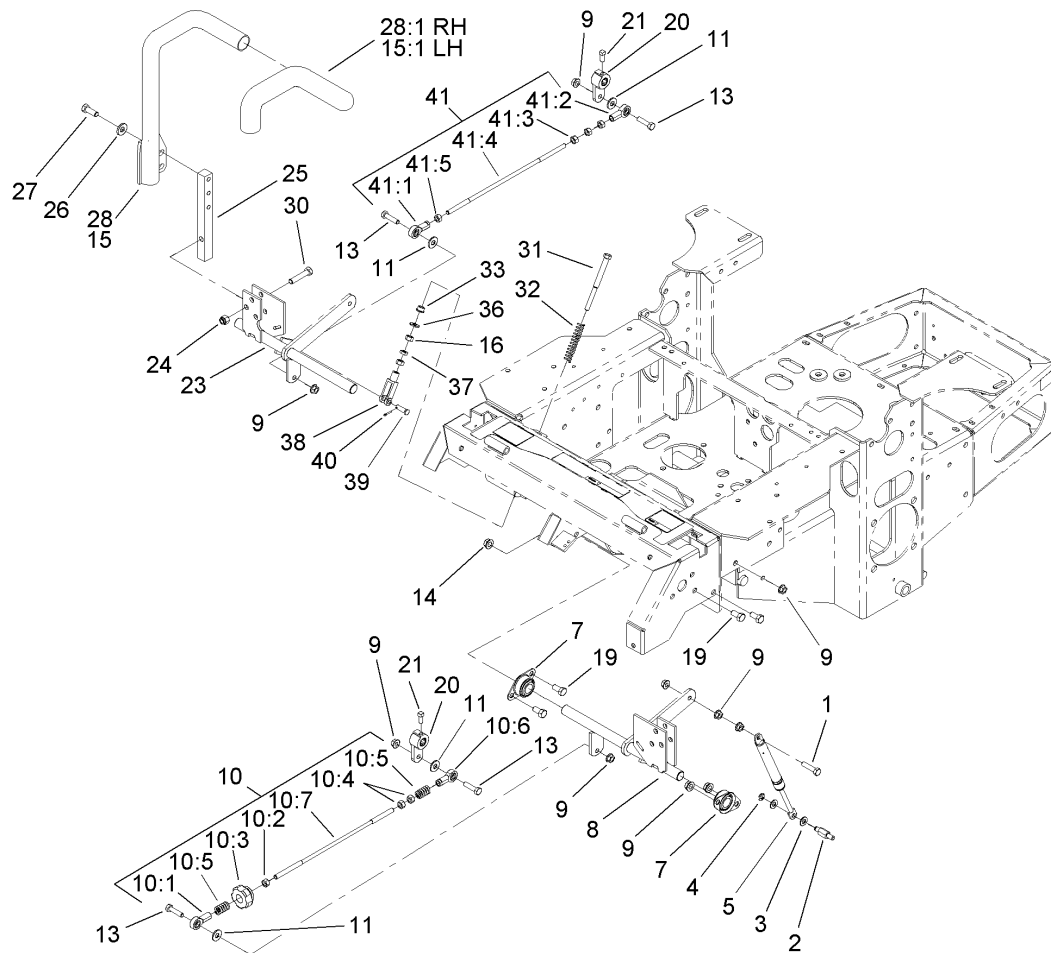
| Ref   | Part No. | Qty. | Description              | Ref | Part No. | Qty. | Description                |
|-------|----------|------|--------------------------|-----|----------|------|----------------------------|
| 1     | 110-4165 | 1    | LH Fuel Tank Service Kit | 22  | 1-633349 | 4    | Spring-Tank, Fuel          |
| ❶1:1  |          | 1    | LH Fuel Tank ASM         | 23  | 3296-47  | 4    | Nut-Lock, NI               |
| 1:1:2 | 103-2605 | 1    | Fitting-Fuel, Bulkhead   | 24  | 1-513762 | 2    | Clip-Loom                  |
| 1:2   | 109-0346 | 1    | Cap-Fuel, Gas            | 25  | 321-4    | 2    | Screw-HH                   |
| 2     | 105-3639 | 1    | RH Fuel Tank Service Kit | 26  | 32128-33 | 2    | Nut-HF                     |
| ❷2:1  |          | 1    | RH Fuel Tank ASM         | 27  | 1-513592 | 1    | Knob-Ball                  |
| 2:1:2 | 103-2605 | 1    | Fitting-Fuel, Bulkhead   | 28  | 1-633696 | 1    | Throttle Cable ASM         |
| 2:2   | 109-0346 | 1    | Cap-Fuel, Gas            | 29  | 3296-2   | 2    | Nut-Lock                   |
| 3     | 3256-23  | 8    | Washer-Flat              | 30  | 106-9962 | 1    | Control-Choke, Push / Pull |
| 4     | 1-805005 | 4    | Washer-Lock              | 31  | 1-807513 | 2    | Bolt-CARR                  |
| 5     | 322-3    | 4    | Screw-HH                 |     |          |      |                            |
| ❸6    |          | 1    | Fuel Line ASM            |     |          |      |                            |
| 6:1   | 99-5000  | 2    | Valve-Check, Fuel        |     |          |      |                            |
| 6:2   | 99-5005  | 1    | Fitting-Tee, Barbed      |     |          |      |                            |
| 6:3   | 1-603770 | 1    | Valve-Fuel               |     |          |      |                            |
| 6:4   | 109-0678 | 3    | Hose-Fuel                |     |          |      |                            |
| 6:5   | 110-5701 | 2    | Hose-Fuel                |     |          |      |                            |
| 6:6   | 109-0297 | 1    | Hose-Fuel                |     |          |      |                            |
| 6:7   | 1-303077 | 12   | Clamp                    |     |          |      |                            |
| 7     | 107-2149 | 1    | Control Panel ASM        |     |          |      |                            |
| 7:2   | 110-0439 | 1    | Decal-Panel, Control     |     |          |      |                            |
| 9     | 1-543296 | 2    | Grommet                  |     |          |      |                            |
| 10    | 1-803071 | 4    | Screw                    |     |          |      |                            |
| 21    | 1-633023 | 4    | Stud                     |     |          |      |                            |



## Parking Brake Assembly

| Ref  | Part No.    | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 1-652073-03 | 1    | Crank-Brake, Park    |
| 2    | 3272-10     | 2    | Pin-Cotter           |
| 4    | 1-808285    | 2    | Pin-Clevis           |
| 5    | 3219-3      | 4    | Nut-Hex              |
| 7    | 1-653068    | 4    | Spacer-Wheel         |
| 9    | 325-13      | 8    | Screw-HH             |
| 10   | 103-0355    | 2    | Band-Brake           |
| 11   | 103-0590    | 2    | Hub And Wheel ASM    |
| 11:1 | 103-0589    | 1    | Wheel Hub ASM        |
| 11:2 | 1-633926    | 4    | Stud-Wheel           |
| 12   | 103-2399    | 2    | Pin-Spring, Clevis   |
| 13   | 1-806800    | 2    | Pin-Cotter           |
| 14   | 103-0374    | 2    | Retainer-Band, Brake |
| 15   | 103-0384    | 6    | Spacer               |
| 16   | 322-9       | 6    | Screw-HH             |
| 17   | 103-0352-03 | 2    | Bracket-Brake        |
| 18   | 1-633144    | 2    | Pin-Trunion          |
| 19   | 3256-4      | 4    | Washer-Flat          |
| 20   | 1-633454    | 2    | Spring-Brake         |
| 21   | 323-4       | 9    | Screw-HH             |
| 22   | 1-653074-03 | 1    | Handle-Brake, Park   |
| 23   | 1-633268    | 1    | Grip-Lever, Brake    |
| 24   | 1-653069    | 4    | Spacer-Wheel         |
| 25   | 3253-7      | 8    | Washer-Lock          |

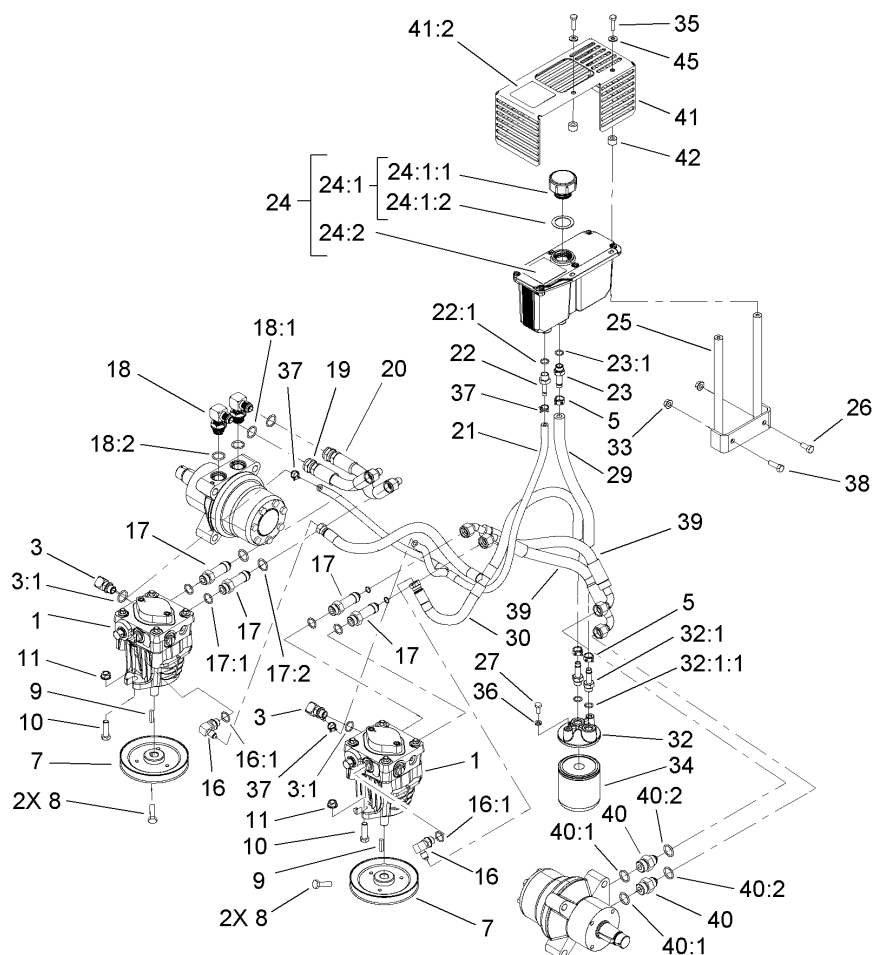
| Ref  | Part No. | Qty. | Description           |
|------|----------|------|-----------------------|
| 26   | 103-0131 | 8    | Nut-Square            |
| 27   | 1-633102 | 4    | Bearing-Flange, Side  |
| 28   | 3290-357 | 8    | Nut-HHF, Whiz         |
| 29   | 103-3116 | 1    | Shaft-Brake, Parking  |
| 31   | 1481     | 2    | Fitting-Grease        |
| 32   | 98-5975  | 1    | Washer-Belleville     |
| 33   | 1-523157 | 2    | Washer-Spacer         |
| 34   | 103-5333 | 2    | Motor-Wheel           |
| 35   | 32151-48 | 1    | E-Ring                |
| 36   | 3256-28  | 1    | Washer-Flat           |
| 37   | 103-4328 | 1    | Brake Rod ASM         |
| 37:1 | 1-633131 | 2    | Yoke-Linkage, Brake   |
| 37:2 | 1-653061 | 1    | Linkage-Handle, Brake |
| 37:3 | 3219-3   | 2    | Nut-Hex               |
| 38   | 103-4329 | 2    | Brake Rod ASM         |
| 38:1 | 1-633131 | 1    | Yoke-Linkage, Brake   |
| 38:2 | 103-0356 | 1    | Rod-Brake             |
| 38:3 | 3219-3   | 1    | Nut-Hex               |
| 39   | 1-653010 | 2    | Wheel And Tire ASM    |
| 39:1 | 1-653160 | 1    | Tire                  |
| 39:2 | 1-653158 | 1    | Wheel                 |
| 39:3 | 232-27   | 1    | Stem-Valve            |
| 40   | 242-50   | 8    | Nut-Lug               |



## Motion Control Assembly

| Ref  | Part No. | Qty. | Description            |
|------|----------|------|------------------------|
| 1    | 1-403180 | 2    | Screw-HH               |
| 2    | 103-4101 | 2    | Pin-Damper             |
| 3    | 3256-23  | 4    | Washer-Flat            |
| 4    | 32120-35 | 2    | E-Ring                 |
| 5    | 103-4079 | 2    | Damper-Control, Motion |
| 7    | 1-633102 | 4    | Bearing-Flange, Side   |
| 8    | 103-4774 | 1    | Control-Motion, LH     |
| 9    | 32128-20 | 12   | Nut-HF                 |
| 10   | 103-4326 | 1    | Tracking Rod ASM       |
| 10:1 | 1-543017 | 1    | Balljoint-RH           |
| 10:2 | 3219-2   | 1    | Nut-Hex                |
| 10:3 | 103-3060 | 1    | Knob-Tracking          |
| 10:4 | 1-804524 | 2    | Nut                    |
| 10:5 | 1-323245 | 2    | Spring-Compression     |
| 10:6 | 1-633152 | 1    | Balljoint-Thread, LH   |
| 10:7 | 103-3066 | 1    | Link-Rod, Tracking     |
| 11   | 3256-3   | 4    | Washer-Flat            |
| 13   | 322-6    | 4    | Screw-HH               |
| 14   | 3290-357 | 6    | Nut-HHF, Whiz          |
| 15   | 108-7238 | 1    | LH Lever ASM           |
| 15:1 | 106-9987 | 1    | Grip-Control, Motion   |
| 16   | 3219-2   | 4    | Nut-Hex                |
| 19   | 323-4    | 6    | Screw-HH               |
| 20   | 103-3717 | 2    | Arm-Control            |

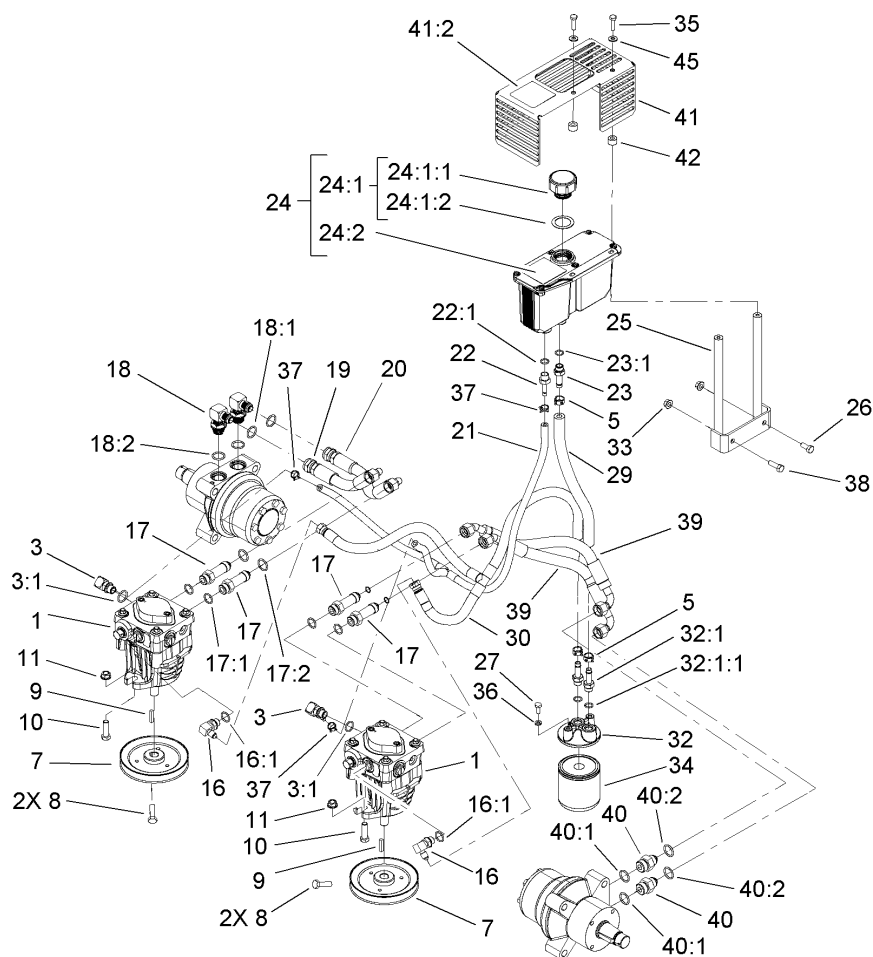
| Ref  | Part No. | Qty. | Description            |
|------|----------|------|------------------------|
| 21   | 1-803022 | 2    | Screw-Set              |
| 23   | 103-4773 | 1    | Control-Motion, RH     |
| 24   | 3296-39  | 6    | Nut-Lock, NI           |
| 25   | 103-0407 | 2    | Arm-Shaft, Control     |
| 26   | 98-5975  | 4    | Washer-Belleville      |
| 27   | 323-6    | 4    | Screw-HH               |
| 28   | 108-7237 | 1    | RH Lever ASM           |
| 28:1 | 106-9987 | 1    | Grip-Control, Motion   |
| 30   | 323-9    | 6    | Screw-HH               |
| 31   | 1-603737 | 2    | Bolt-Return, Neutral   |
| 32   | 1-603807 | 2    | Spring-Return, Neutral |
| 33   | 1-603735 | 2    | Bushing-Flanged        |
| 36   | 3256-2   | 2    | Washer-Flat            |
| 37   | 3220-2   | 2    | Nut-Jam                |
| 38   | 1-303105 | 2    | Yoke-Adjustable        |
| 39   | 1-808280 | 2    | Pin-Clevis             |
| 40   | 3272-5   | 2    | Pin-Cotter             |
| 41   | 103-4327 | 1    | Tracking ASM           |
| 41:1 | 1-543017 | 1    | Balljoint-RH           |
| 41:2 | 1-633152 | 1    | Balljoint-Thread, LH   |
| 41:3 | 1-804524 | 1    | Nut                    |
| 41:4 | 103-3066 | 1    | Link-Rod, Tracking     |
| 41:5 | 3219-2   | 3    | Nut-Hex                |



## Hydraulic System Assembly

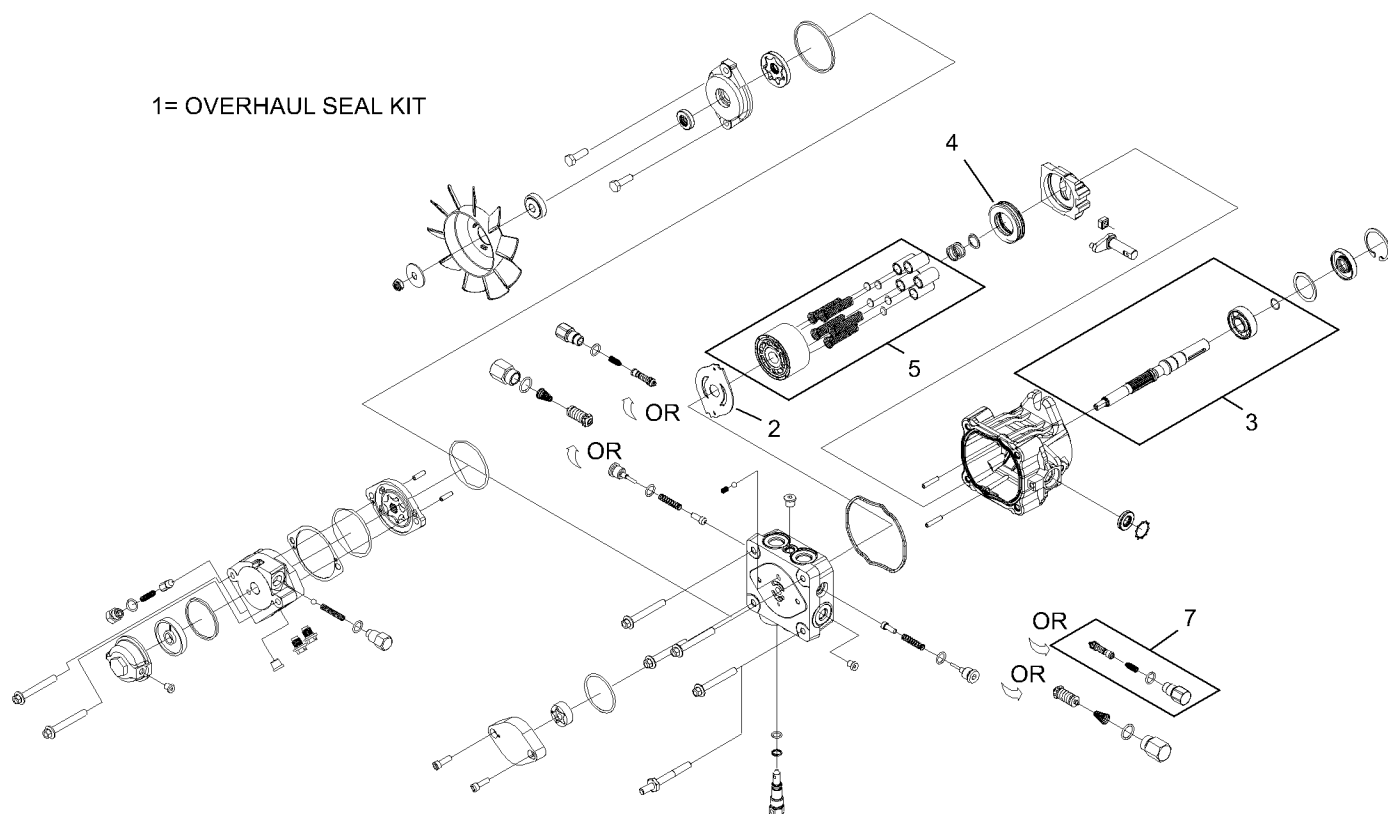
| Ref  | Part No. | Qty. | Description           |
|------|----------|------|-----------------------|
| 1    | 103-1942 | 2    | Pump-HYD              |
| 3    | 103-1799 | 2    | Elbow-90 DEG          |
| 3:1  | 237-42   | 1    | O-Ring                |
| 5    | 103-1988 | 3    | Clamp-Hose            |
| 7    | 1-653156 | 2    | Pulley                |
| 8    | 1-803050 | 4    | Screw-Set             |
| 9    | 1-807272 | 2    | Key                   |
| 10   | 323-7    | 4    | Screw-HH              |
| 11   | 3290-357 | 4    | Nut-HHF, Whiz         |
| 16   | 103-1802 | 2    | Fitting-HYD, 90 DEG   |
| 16:1 | 1-603921 | 1    | O-Ring                |
| 17   | 103-1940 | 4    | Adapter-HYD, Straight |
| 17:1 | 237-79   | 1    | O-Ring                |
| 17:2 | 1-603992 | 1    | O-Ring                |
| 18   | 1-633605 | 2    | Fitting-HYD, 90 DEG   |
| 18:1 | 1-603992 | 1    | O-Ring                |
| 18:2 | 237-80   | 1    | O-Ring                |
| 19   | 100-3964 | 1    | Hose-Front            |
| 20   | 100-3965 | 1    | Hose-Rear             |
| 21   | 103-2357 | 1    | HYD Hose ASM          |
| 22   | 103-1801 | 1    | Adapter-Straight      |
| 22:1 | 237-42   | 1    | O-Ring                |
| 23   | 103-1912 | 1    | Adapter-Straight      |
| 23:1 | 237-42   | 1    | O-Ring                |

| Ref    | Part No.    | Qty. | Description        |
|--------|-------------|------|--------------------|
| 24     | 103-1947    | 1    | HYD Reservoir ASM  |
| 24:1   |             | 1    | Reservoir-HYD      |
| 24:1:1 | 103-1948    | 1    | Cap-Reservoir, HYD |
| 24:1:2 | 103-1949    | 1    | Gasket-Cap         |
| 24:2   | 1-523552    | 1    | Decal-Tank, HYD    |
| 25     | 103-3071-03 | 1    | Stand-Reservoir    |
| 26     | 322-3       | 1    | Screw-HH           |
| 27     | 321-3       | 2    | Screw-HH           |
| 29     | 103-3077    | 1    | HYD Hose ASM       |
| 30     | 103-2930    | 1    | HYD Hose ASM       |
| 32     | 103-2889    | 1    | Filter Head ASM    |
| 32:1   | 103-1912    | 2    | Adapter-Straight   |
| 32:1:1 | 237-42      | 1    | O-Ring             |
| 33     | 32128-20    | 2    | Nut-HF             |
| 34     | 1-633750    | 1    | Filter-HYD         |
| 34     | 1-633752    | 1    | Filter-HYD, Winter |
| 35     | 321-8       | 2    | Screw-HH           |
| 36     | 1-805004    | 2    | Washer-Lock        |
| 37     | 103-1716    | 3    | Clamp-Hose         |
| 38     | 322-5       | 1    | Screw-HH           |
| 39     | 105-6187    | 2    | Hose ASM           |
| 40     | 1-603991    | 2    | Fitting-Straight   |
| 40:1   | 237-80      | 1    | O-Ring             |
| 40:2   | 1-603992    | 1    | O-Ring             |



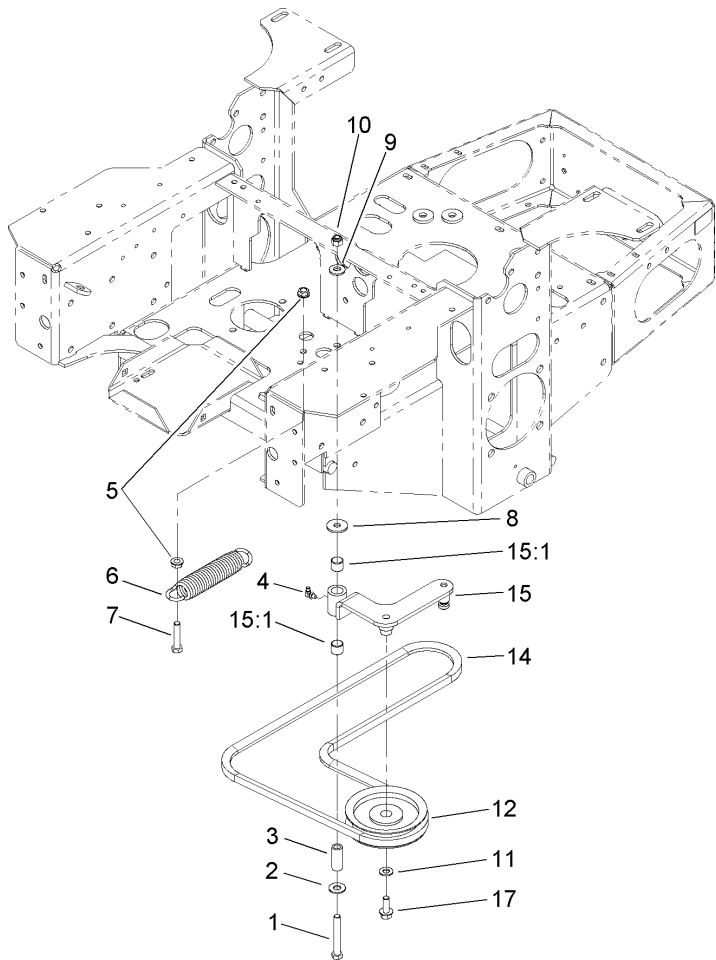
## Hydraulic System Assembly (continued)

| Ref  | Part No. | Qty. | Description        |
|------|----------|------|--------------------|
| 41   | 107-2130 | 1    | Shield ASM         |
| 41:2 | 107-2131 | 1    | Decal-Surface, Hot |
| 42   | 105-3619 | 2    | Spacer             |
| 45   | 3256-22  | 2    | Washer-Flat        |



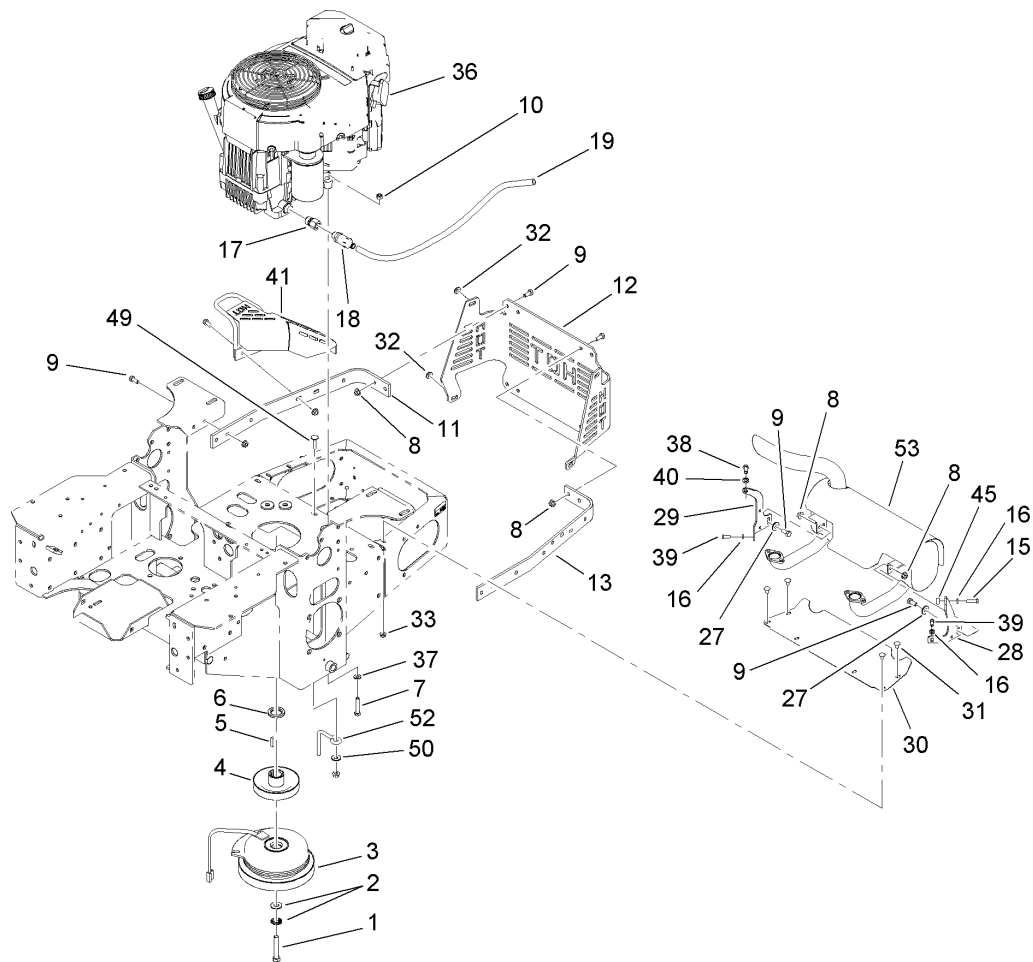
# Hydraulic Pump Assembly No. 103-1942

| Ref | Part No. | Qty. | Description        |
|-----|----------|------|--------------------|
| 1   | 105-6184 | 1    | Overhaul Seal Kit  |
| 2   | 105-6185 | 1    | Plate-Valve        |
| 3   | 103-2664 | 1    | Input Shaft Kit    |
| 4   | 94-6922  | 1    | Bearing-Thrust     |
| 5   | 103-2666 | 1    | Cylinder Block Kit |
| 7   | 106-2053 | 1    | Shock Valve Kit    |



Pump Idler and Belt Assembly

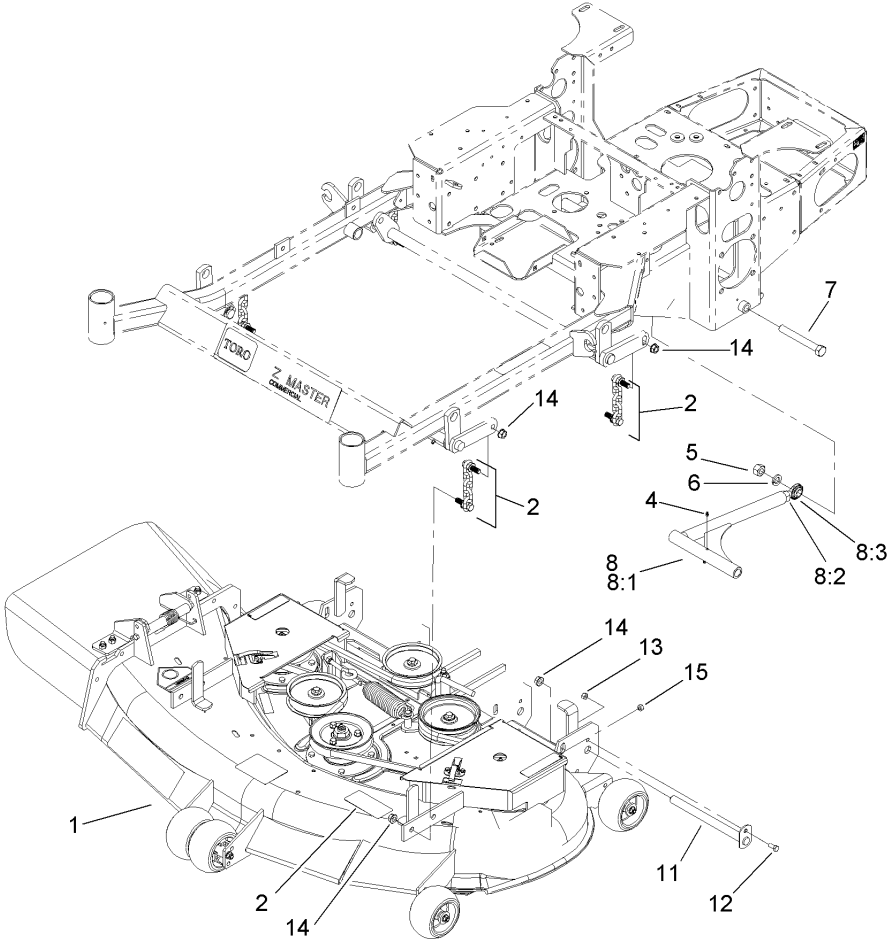
| Ref  | Part No. | Qty. | Description       |  |  |  |  |
|------|----------|------|-------------------|--|--|--|--|
| 1    | 323-13   | 1    | Screw-HH          |  |  |  |  |
| 2    | 3256-4   | 1    | Washer-Flat       |  |  |  |  |
| 3    | 1-603044 | 1    | Bushing           |  |  |  |  |
| 4    | 302-40   | 1    | Fitting-Grease    |  |  |  |  |
| 5    | 3290-357 | 2    | Nut-HHF, Whiz     |  |  |  |  |
| 6    | 103-4480 | 1    | Spring-Extension  |  |  |  |  |
| 7    | 323-9    | 1    | Screw-HH          |  |  |  |  |
| 8    | 63-8410  | 1    | Washer            |  |  |  |  |
| 9    | 98-5975  | 1    | Washer-Belleville |  |  |  |  |
| 10   | 3296-39  | 1    | Nut-Lock, NI      |  |  |  |  |
| 11   | 3256-24  | 1    | Washer-Flat       |  |  |  |  |
| 12   | 1-603843 | 1    | Pulley-Idler      |  |  |  |  |
| 14   | 107-3960 | 1    | Belt              |  |  |  |  |
| 15   | 103-4482 | 1    | Idler Arm ASM     |  |  |  |  |
| 15:1 | 103-4681 | 2    | Sleeve-Bearing    |  |  |  |  |
| 17   | 3234-11  | 1    | Screw-HHF         |  |  |  |  |



## Engine, Clutch and Muffler Assembly

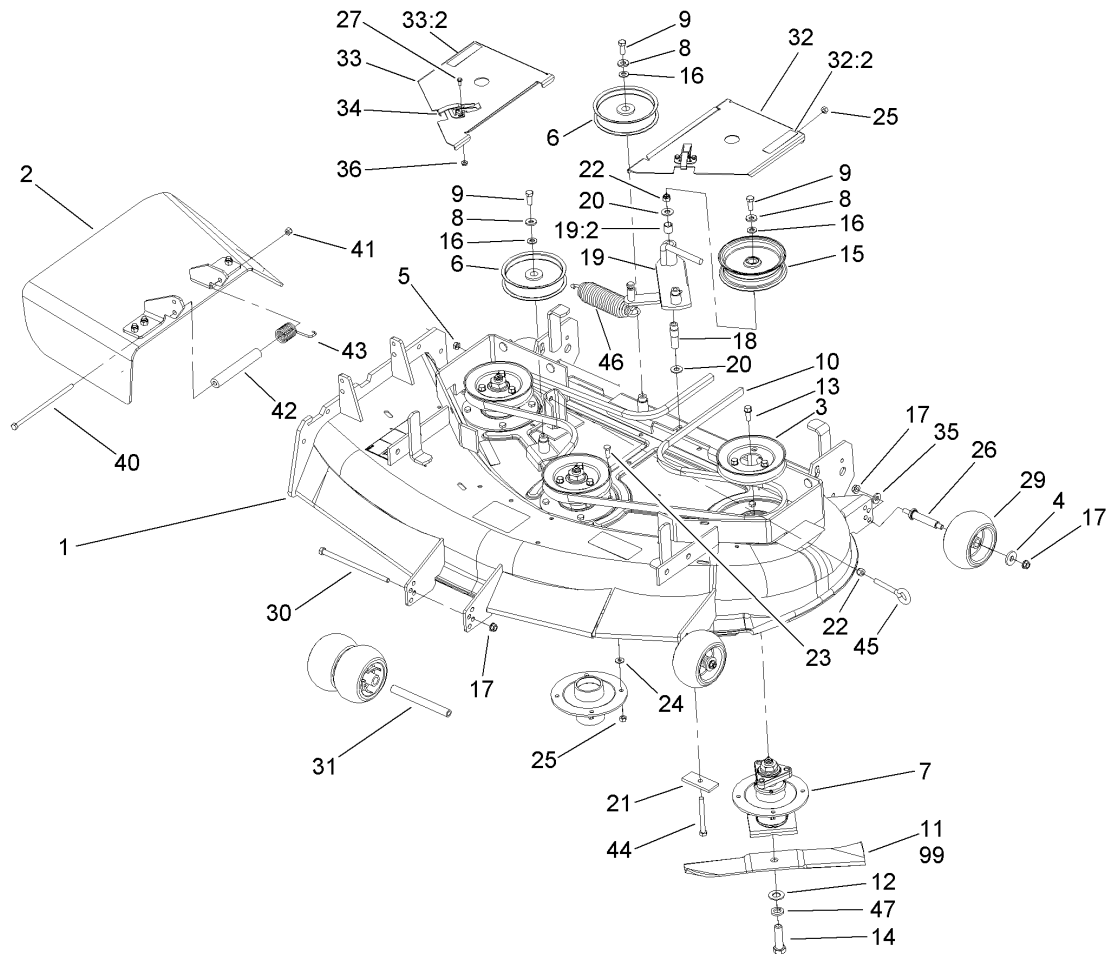
| Ref | Part No.    | Qty. | Description         |
|-----|-------------|------|---------------------|
| 1   | 3212-12     | 1    | Screw-HH            |
| 2   | 1-603610    | 2    | Washer-Spring       |
| 3   | 103-0690    | 1    | Clutch              |
| 4   | 103-3913    | 1    | Pulley              |
| 5   | 1-807259    | 1    | Key                 |
| 6   | 103-2308    | 1    | Spacer-Crankshaft   |
| 7   | 322-9       | 4    | Screw-HH            |
| 8   | 32128-20    | 33   | Nut-HF              |
| 9   | 322-3       | 25   | Screw-HH            |
| 10  | 3296-29     | 4    | Nut-Lock, NI        |
| 11  | 103-3078-03 | 1    | Strap-Guard, RH     |
| 12  | 103-3219-03 | 1    | Guard-Rear          |
| 13  | 103-3164-03 | 1    | Strap-Guard, LH     |
| 15  | 33113-025   | 1    | Screw-HH            |
| 16  | 1-805004    | 3    | Washer-Lock         |
| 17  | 103-1966    | 1    | Adapter             |
| 18  | 92-6877     | 1    | Valve-Drain, Oil    |
| 19  | 106-7022    | 1    | Tube-Drain, Oil     |
| 27  | 3256-3      | 3    | Washer-Flat         |
| 28  | 103-4477-03 | 1    | Bracket-Muffler, LH |
| 29  | 103-4478-03 | 1    | Bracket-Muffler, RH |
| 30  | 103-2740-03 | 1    | Deflector-Short     |
| 31  | 3229-10     | 4    | Screw-CARR          |
| 32  | 3256-23     | 4    | Washer-Flat         |

| Ref  | Part No.    | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 33   | 32128-33    | 4    | Nut-HF                       |
| ① 36 |             | 1    | Engine-Kawasaki, FH580V-As29 |
| 37   | 1-303334    | 4    | Washer-Spring                |
| 38   | 33114-020   | 1    | Screw-HH                     |
| 39   | 33113-016   | 2    | Screw-HH                     |
| 40   | 1-805005    | 1    | Washer-Lock                  |
| 41   | 103-3218-03 | 1    | Guard-Tailpipe               |
| 45   | 103-3096    | 1    | Spacer                       |
| 49   | 3230-3      | 1    | Screw-CARR                   |
| 50   | 3256-3      | 1    | Washer-Flat                  |
| 52   | 108-1058    | 1    | Rod-Belt                     |
| 53   | 103-4483    | 1    | Muffler Kit                  |



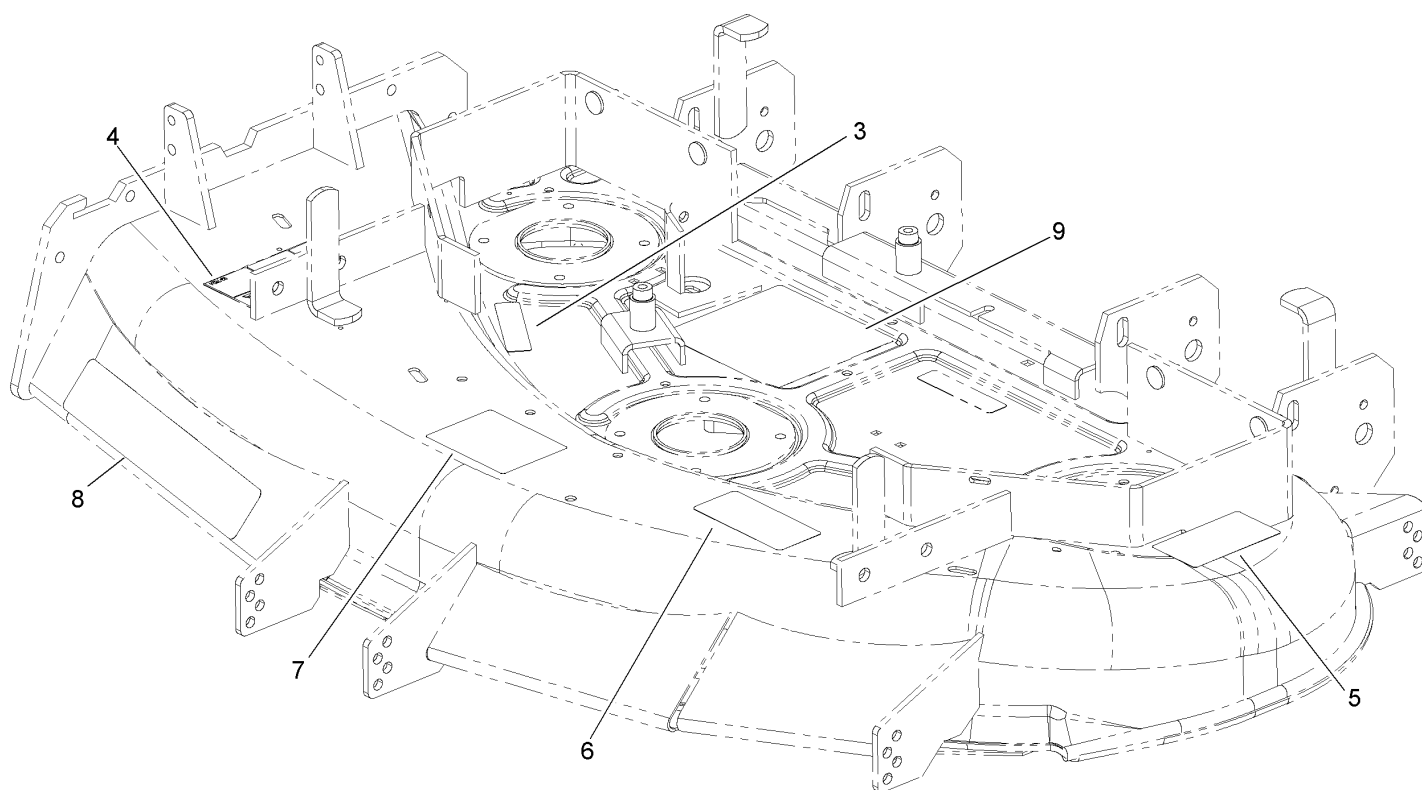
Deck Connection Assembly

| Ref | Part No.    | Qty. | Description         |  |  |  |  |
|-----|-------------|------|---------------------|--|--|--|--|
| 1   | 107-1678    | 1    | Deck ASM            |  |  |  |  |
| 2   | 103-9792    | 4    | Deck Chain ASM      |  |  |  |  |
| 4   | 302-19      | 2    | Fitting-Grease      |  |  |  |  |
| 5   | 3217-11     | 2    | Nut-Hex             |  |  |  |  |
| 6   | 3253-8      | 2    | Washer-Lock         |  |  |  |  |
| 7   | 327-11      | 2    | Screw-HH            |  |  |  |  |
| 8   | 103-1081    | 2    | Strut ASM           |  |  |  |  |
| 8:1 | 103-1072-01 | 1    | Strut               |  |  |  |  |
| 8:2 | 3219-6      | 1    | Nut-Hex             |  |  |  |  |
| 8:3 | 1-633029    | 1    | Balljoint-Spherical |  |  |  |  |
| 11  | 1-632199-01 | 2    | Pin-Strut           |  |  |  |  |
| 12  | 322-3       | 2    | Screw-HH            |  |  |  |  |
| 13  | 3296-29     | 2    | Nut-Lock, NI        |  |  |  |  |
| 14  | 32128-37    | 8    | Nut-HF              |  |  |  |  |
| 15  | 32152-1     | 4    | Nut-Lock, Cone      |  |  |  |  |



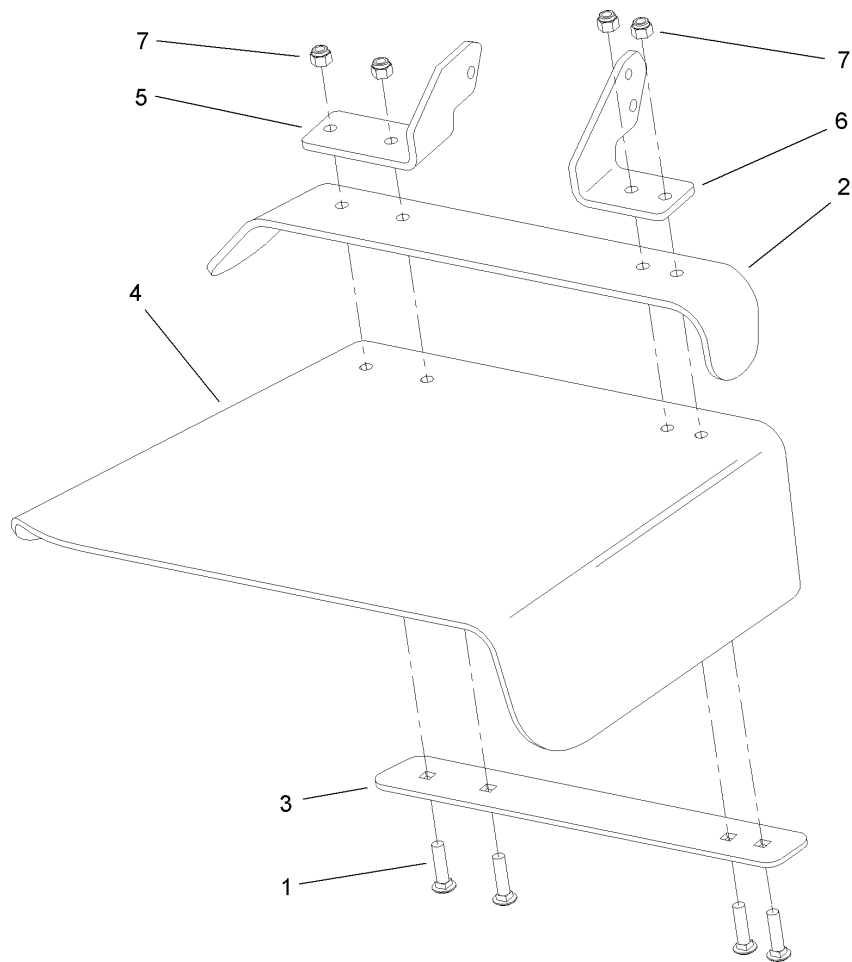
## Deck Assembly No. 107-1678

| Ref  | Part No.   | Qty. | Description          | Ref  | Part No.   | Qty. | Description        |
|------|------------|------|----------------------|------|------------|------|--------------------|
| 1    | 107-1677   | 1    | Deck Decal ASM       | 24   | 3256-2     | 4    | Washer-Flat        |
| 2    | 108-2792   | 1    | Rubber Deflector ASM | 25   | 32152-1    | 16   | Nut-Lock, Cone     |
| 3    | 107-8586   | 3    | Pulley               | 26   | 99-2842    | 3    | Spacer             |
| 4    | 1-373034   | 3    | Washer               | 27   | 3290-321   | 4    | Screw-HWH          |
| 5    | 3217-7     | 1    | Nut-Hex              | 29   | 1-603299   | 5    | Roller-Scalp, Anti |
| 6    | 1-613098   | 2    | Pulley-Idler         | 30   | 323-28     | 1    | Screw-HH           |
| 7    | 107-8570   | 3    | Spindle Housing ASM  | 31   | 98-5967    | 1    | Spacer-Wheel       |
| 8    | 98-5975    | 3    | Washer-Belleville    | 32   | 100-3961   | 1    | LH Cover ASM       |
| 9    | 323-6      | 3    | Screw-HH             | 32:2 | 98-1977    | 1    | Decal-Warning      |
| 10   | 98-3780    | 1    | V-Belt-Drive         | 33   | 100-3962   | 1    | RH Cover ASM       |
| 11   | 92-7952-03 | 3    | Blade-Recycler       | 33:2 | 98-1977    | 1    | Decal-Warning      |
| 12   | 3256-27    | 3    | Washer-Flat          | 34   | 249-21     | 2    | Clamp-Slotted      |
| 13   | 92-1624    | 9    | Screw                | 35   | 98-5975    | 3    | Washer-Belleville  |
| 14   | 51-4060    | 3    | Screw-Blade          | 36   | 32128-17   | 4    | Nut-Lock, Flange   |
| 15   | 99-8912    | 1    | Pulley-Idler, Flat   | 40   | 322-50     | 1    | Screw-HH           |
| 16   | 3256-24    | 3    | Washer-Flat          | 41   | 3296-29    | 1    | Nut-Lock, NI       |
| 17   | 3290-357   | 5    | Nut-HHF, Whiz        | 42   | 105-4622   | 1    | Spacer             |
| 18   | 1-603384   | 1    | Bushing-Pivot, Idler | 43   | 108-4052   | 1    | Spring-Torsion     |
| 19   | 99-8914    | 1    | Idler Arm ASM        | 44   | 1-800805   | 1    | Screw-HH           |
| 19:2 | 1-513034   | 2    | Sleeve-Bearing       | 45   | 94-2547    | 1    | Bolt-Eye           |
| 20   | 1-809107   | 2    | Washer-Hardened      | 46   | 103-3330   | 1    | Spring-Extension   |
| 21   | 99-3946-01 | 1    | Plate-Retainer, Bolt | 47   | 3253-8     | 3    | Washer-Lock        |
| 22   | 3296-39    | 2    | Nut-Lock, NI         | 99   | 104-1300   | 3    | Blade-Atomic       |
| 23   | 322-4      | 12   | Screw-HH             | 99   | 55-4940-03 | 3    | Blade-Lift, High   |



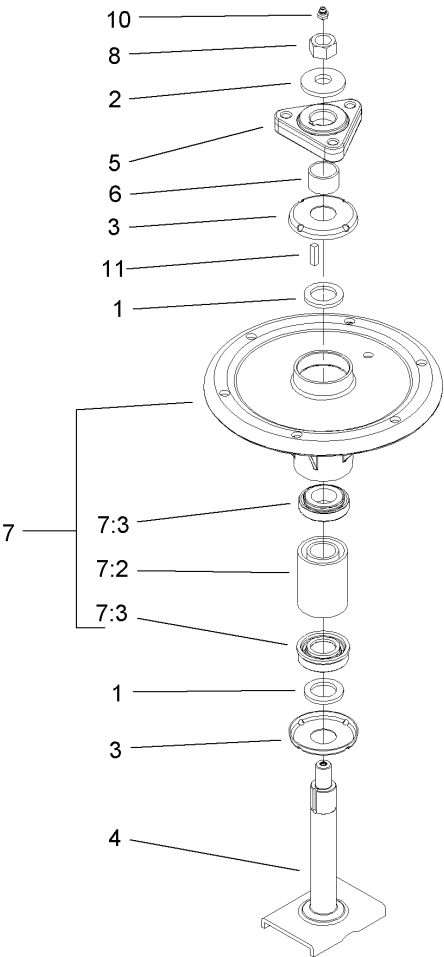
# Deck Decal Assembly No. 107-1677

| Ref | Part No. | Qty. | Description                     |
|-----|----------|------|---------------------------------|
| 3   | 98-1977  | 3    | Decal-Warning                   |
| 4   | 93-7824  | 1    | Decal-Danger                    |
| 5   | 93-7010  | 1    | Decal-Danger                    |
| 6   | 93-7818  | 1    | Decal-Torque, Blade Bolt        |
| 7   | 99-8939  | 1    | Decal-Anti Scalp                |
| 8   | 106-0704 | 1    | Decal                           |
| 9   | 108-4051 | 1    | Decal-Service Aid, Belt Routing |



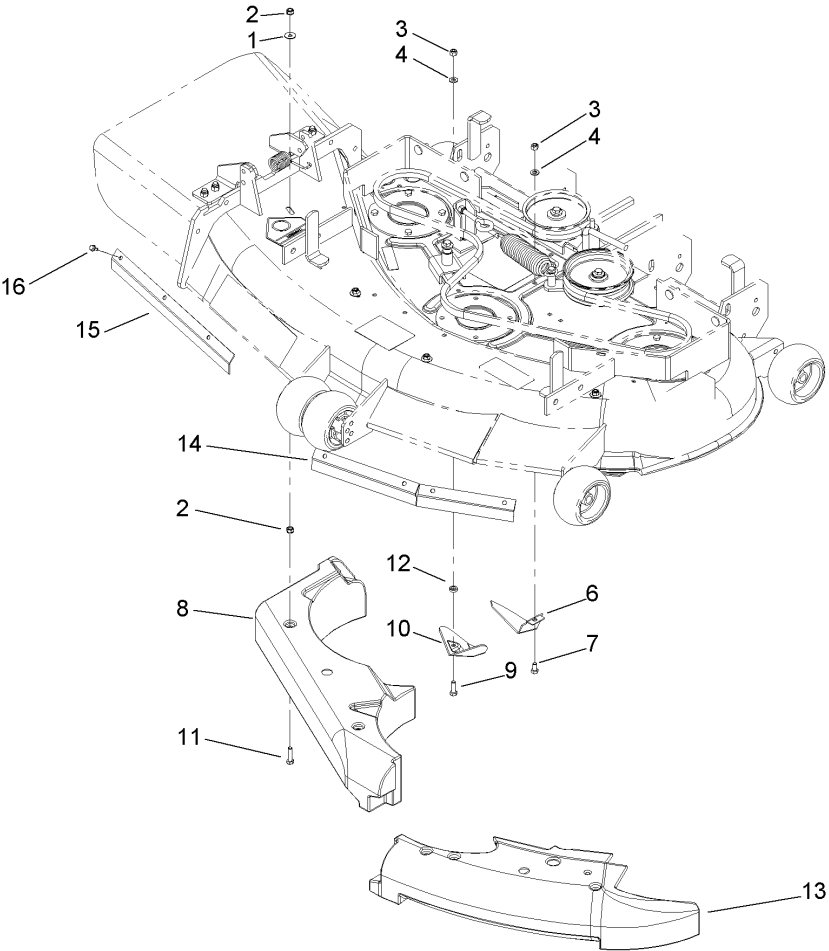
## Rubber Deflector Assembly No. 108-2792

| Ref | Part No.    | Qty. | Description        |  |  |  |  |
|-----|-------------|------|--------------------|--|--|--|--|
| 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       |  |  |  |  |



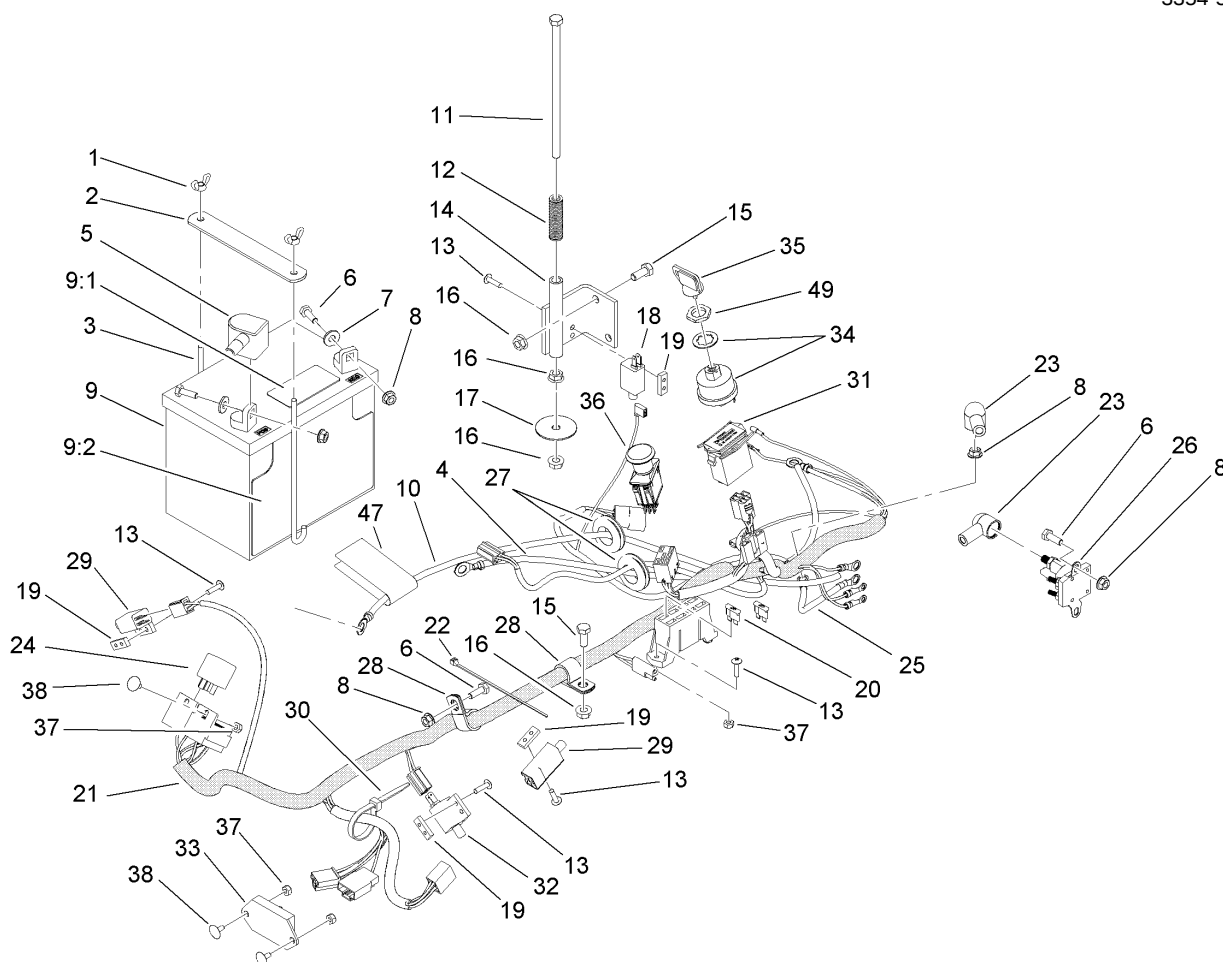
**Spindle Assembly No. 107-8570**

| Ref | Part No. | Qty. | Description         |  |  |  |  |
|-----|----------|------|---------------------|--|--|--|--|
| 1   | 3-8514   | 2    | Washer-Thrust       |  |  |  |  |
| 2   | 7-4150   | 1    | Washer              |  |  |  |  |
| 3   | 106-3204 | 2    | Shield-Bearing      |  |  |  |  |
| 4   | 107-8569 | 1    | Spindle ASM         |  |  |  |  |
| 5   | 106-3277 | 1    | Hub-Pulley          |  |  |  |  |
| 6   | 107-8576 | 1    | Spacer-Bearing      |  |  |  |  |
| 7   | 107-8574 | 1    | Spindle Bearing ASM |  |  |  |  |
| 7:2 | 107-8575 | 1    | Spacer-Bearing      |  |  |  |  |
| 7:3 | 113514   | 2    | Bearing-Ball        |  |  |  |  |
| 8   | 32146-20 | 1    | Nut-Jam             |  |  |  |  |
| 10  | 302-2    | 1    | Fitting-Grease      |  |  |  |  |
| 11  | 10-8040  | 1    | Key-Square          |  |  |  |  |



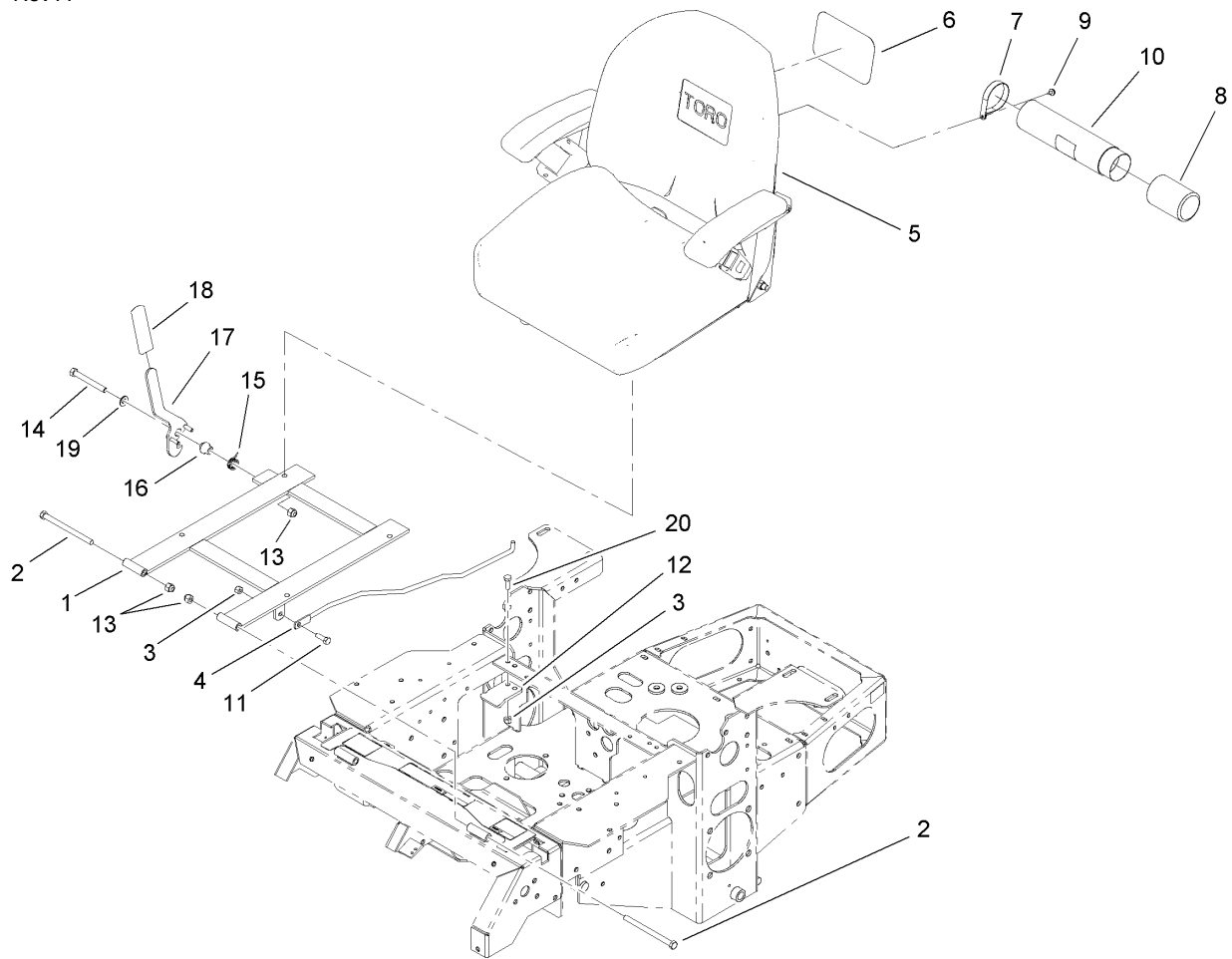
Engine Mount Assembly

| Ref | Part No.    | Qty. | Description         |  |  |  |  |
|-----|-------------|------|---------------------|--|--|--|--|
| 1   | 3290-456    | 4    | Washer-Belleville   |  |  |  |  |
| 2   | 32149-1     | 8    | Nut-Keps            |  |  |  |  |
| 3   | 3296-29     | 4    | Nut-Lock, NI        |  |  |  |  |
| 4   | 3256-23     | 4    | Washer-Flat         |  |  |  |  |
| 6   | 93-1196     | 1    | Kicker-Center, Rear |  |  |  |  |
| 7   | 322-2       | 1    | Screw-HH            |  |  |  |  |
| 8   | 93-7651     | 1    | Baffle-RH           |  |  |  |  |
| 9   | 322-5       | 3    | Screw-HH            |  |  |  |  |
| 10  | 84-5760     | 3    | Plate-Kicker        |  |  |  |  |
| 11  | 322-6       | 4    | Screw-HH            |  |  |  |  |
| 12  | 59-4310     | 3    | Spacer              |  |  |  |  |
| 13  | 93-7652     | 1    | Baffle-LH           |  |  |  |  |
| 14  | 105-2675-01 | 1    | Guard-Left          |  |  |  |  |
| 15  | 105-2672-01 | 1    | Guard-Right         |  |  |  |  |
| 16  | 12-3270     | 7    | Screw               |  |  |  |  |



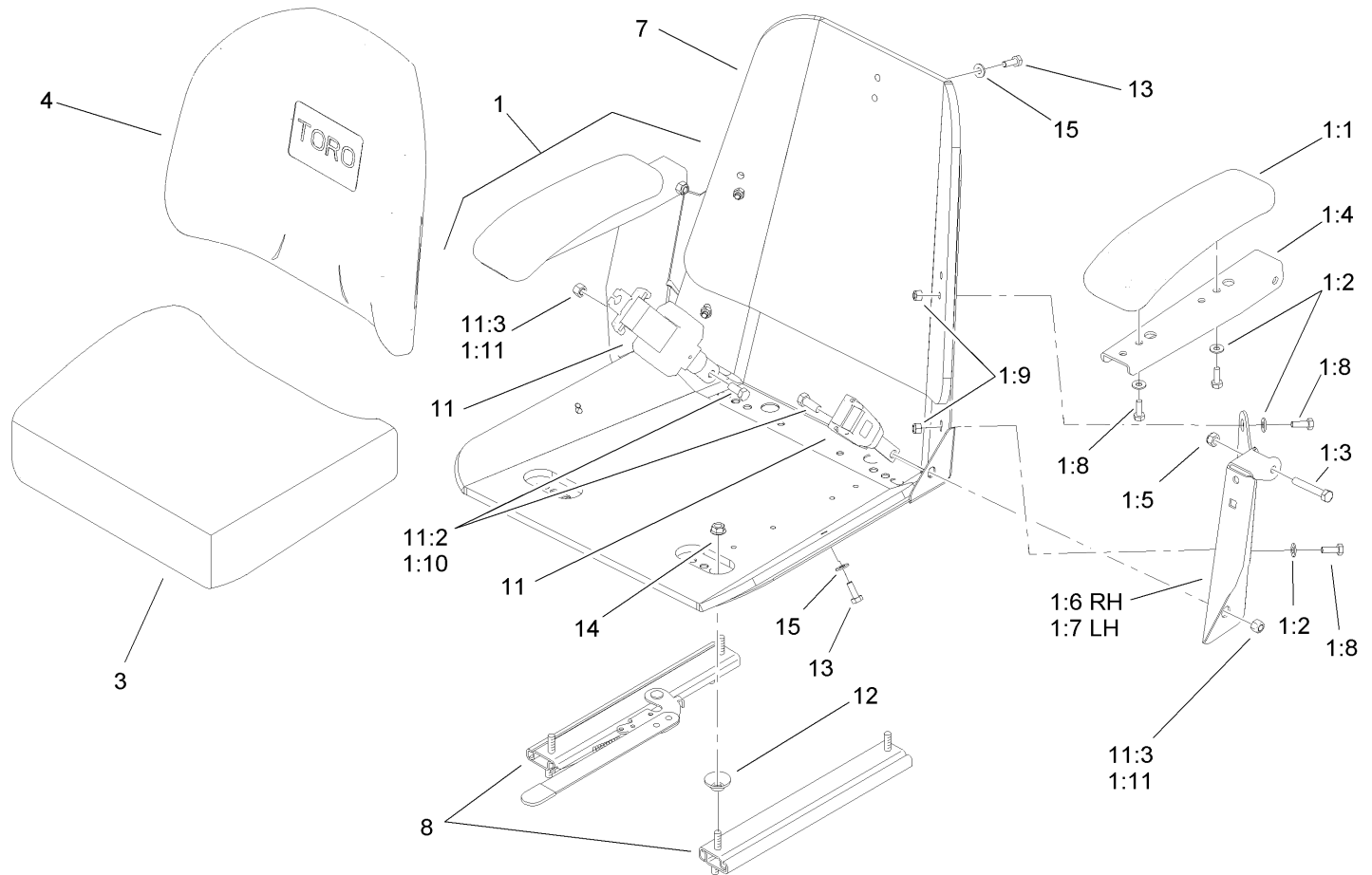
## Electrical System Assembly

| Ref | Part No.    | Qty. | Description             | Ref | Part No. | Qty. | Description                  |
|-----|-------------|------|-------------------------|-----|----------|------|------------------------------|
| 1   | 1-543792    | 2    | Wingnut                 | 23  | 1-543393 | 3    | Insulator-Solenoid           |
| 2   | 107-9277-03 | 1    | Strap-Holddown, Battery | 24  | 1-643275 | 2    | Relay                        |
| 3   | 1-633651    | 2    | Bolt-Holddown           | 25  | 1-633306 | 1    | Wire-Starter                 |
| 4   | 103-0705    | 1    | Cable-Ground, Negative  | 26  | 1-513075 | 1    | Switch-Solenoid              |
| 5   | 1-543391    | 1    | Insulator-Battery       | 27  | 1-543286 | 2    | Grommet                      |
| 6   | 321-4       | 5    | Screw-HH                | 28  | 1-633396 | 2    | Clip-Loom                    |
| 7   | 3256-2      | 2    | Washer-Flat             | 29  | 1-513051 | 2    | Switch-Open, Normally        |
| 8   | 32128-33    | 6    | Nut-HF                  | 30  | 1-303335 | 4    | Tie-Plastic                  |
| 9   | 105-1692    | 1    | Battery                 | 31  | 1-513374 | 1    | Meter-Hour                   |
| 9:1 | 104-4163    | 1    | Decal-Battery           | 32  | 1-633111 | 1    | Switch                       |
| 9:2 | 104-4164    | 1    | Decal-Battery           | 33  | 100-6186 | 1    | Module-Delay, Seat           |
| 10  | 103-0707    | 1    | Cable-Battery, Positive | 34  | 103-0206 | 1    | Switch-Starting, Key         |
| 11  | 1-800282    | 1    | Screw-HH                | 35  | 63-8360  | 2    | Key-Ignition                 |
| 12  | 1-523415    | 1    | Spring-Switch, Seat     | 36  | 103-5221 | 1    | Switch-PTO                   |
| 13  | 1-803075    | 10   | Screw-Head, Truss       | 37  | 3296-2   | 6    | Nut-Lock                     |
| 14  | 1-652072-03 | 1    | Bracket-Switch, Seat    | 38  | 1-807513 | 4    | Bolt-CARR                    |
| 15  | 322-3       | 3    | Screw-HH                | 47  | 107-9309 | 1    | Decal-Instructions, Charging |
| 16  | 32128-20    | 5    | Nut-HF                  | 49  | 103-0498 | 1    | Nut-Switch, Ignition         |
| 17  | 1-653036    | 1    | Washer                  |     |          |      |                              |
| 18  | 1-513152    | 1    | Switch-Closed, Normally |     |          |      |                              |
| 19  | 1-633181    | 4    | Plate-Tapped            |     |          |      |                              |
| 20  | 1-816001    | 2    | Fuse-Blade Type, 20 Amp |     |          |      |                              |
| 21  | 110-0318    | 1    | Harness-Electrical      |     |          |      |                              |
| 22  | 1-303287    | 3    | Tie-Plastic             |     |          |      |                              |



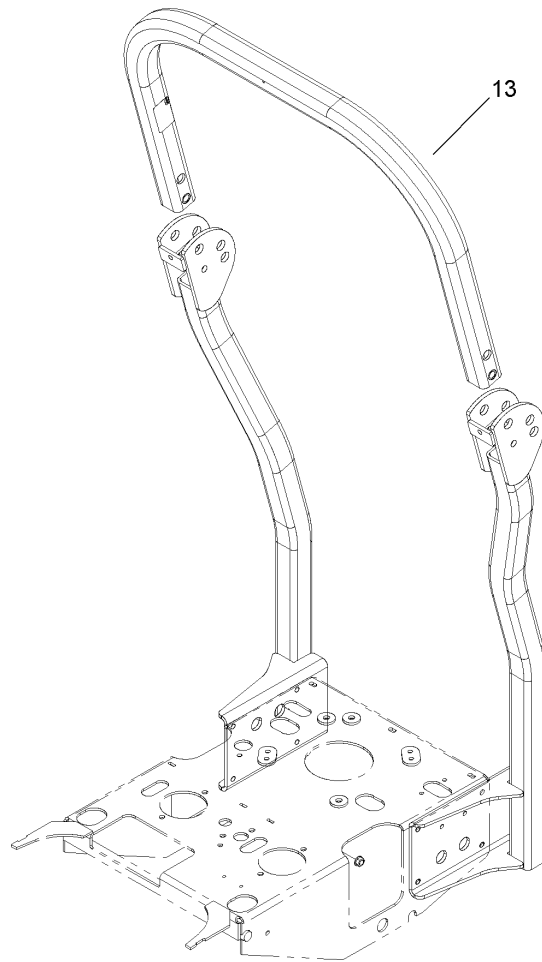
Seat and Bracket Assembly

| Ref | Part No.    | Qty. | Description            |  |  |  |  |
|-----|-------------|------|------------------------|--|--|--|--|
| 1   | 107-3052-03 | 1    | Seat Support Frame ASM |  |  |  |  |
| 2   | 323-39      | 2    | Screw-HH               |  |  |  |  |
| 3   | 3296-29     | 3    | Nut-Lock, NI           |  |  |  |  |
| 4   | 103-1731    | 1    | Rod-Retainer, Seat     |  |  |  |  |
| 5   | 110-0446    | 1    | Seat ASM               |  |  |  |  |
| 6   | 99-4693     | 1    | Decal                  |  |  |  |  |
| 7   | 2412-120    | 2    | R-Clamp                |  |  |  |  |
| 8   | 104-7048    | 1    | Cap-Housing            |  |  |  |  |
| 9   | 32104-76    | 2    | Screw                  |  |  |  |  |
| 10  | 104-7050    | 1    | Housing-Manual         |  |  |  |  |
| 11  | 322-5       | 1    | Screw-HH               |  |  |  |  |
| 12  | 103-5961    | 1    | Catch-Latch, Seat      |  |  |  |  |
| 13  | 3296-39     | 3    | Nut-Lock, NI           |  |  |  |  |
| 14  | 323-20      | 1    | Screw-HH               |  |  |  |  |
| 15  | 107-0076    | 1    | Spring-Torsion         |  |  |  |  |
| 16  | 107-0075    | 1    | Bushing-Latch, Seat    |  |  |  |  |
| 17  | 107-3083    | 1    | Latch ASM              |  |  |  |  |
| 18  | 103-4434    | 1    | Grip-Lever             |  |  |  |  |
| 19  | 3256-24     | 1    | Washer-Flat            |  |  |  |  |
| 20  | 322-4       | 2    | Screw-HH               |  |  |  |  |



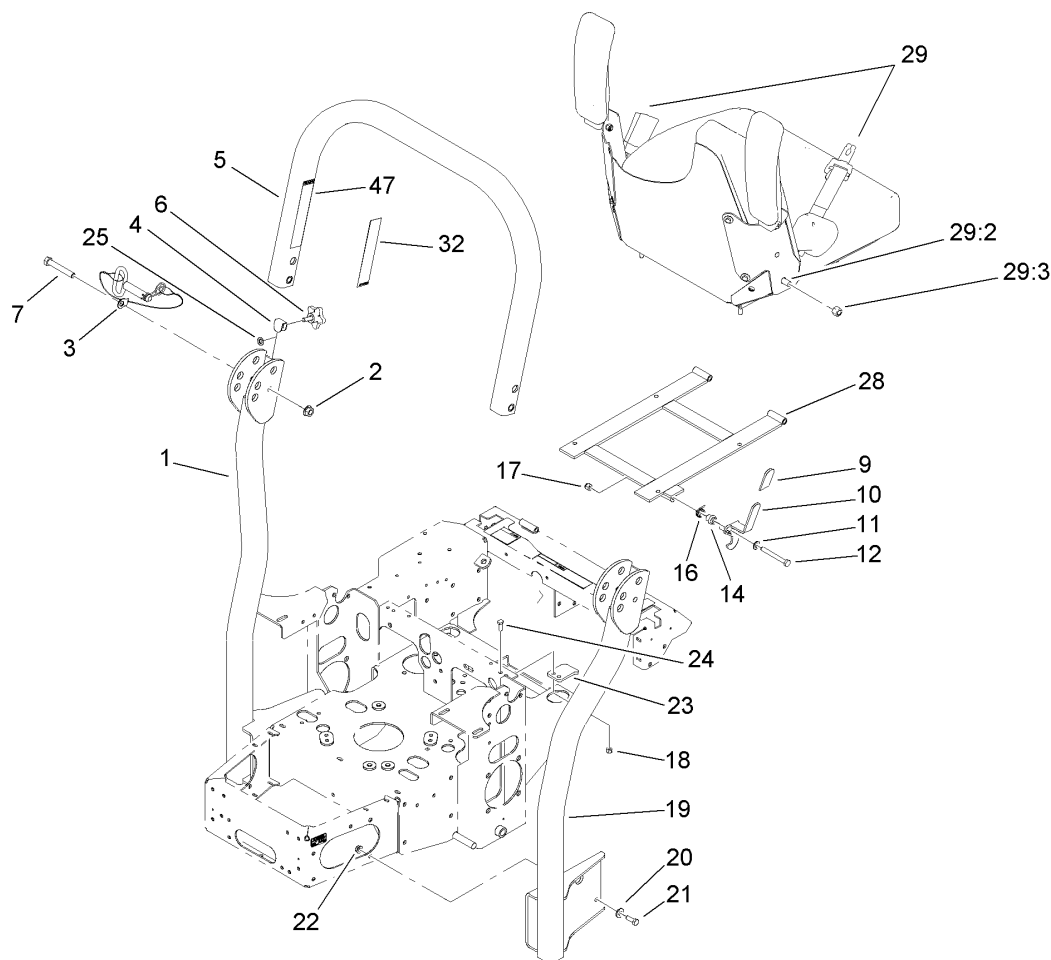
## Seat and Bracket Assembly

| Ref  | Part No. | Qty. | Description              |  |  |  |  |
|------|----------|------|--------------------------|--|--|--|--|
| 1    | 110-5719 | 1    | Armrest Kit              |  |  |  |  |
| 1:1  | 110-4163 | 2    | Cushion-Arm Rest         |  |  |  |  |
| 1:2  | 3256-22  | 4    | Washer-Flat              |  |  |  |  |
| 1:3  | 322-10   | 2    | Screw-HH                 |  |  |  |  |
| 1:4  | 105-3623 | 2    | Channel-Armrest          |  |  |  |  |
| 1:5  | 32153-3  | 2    | Nut-Hex, Side Deform     |  |  |  |  |
| 1:6  | 105-3621 | 1    | Bracket-Armrest, RH      |  |  |  |  |
| 1:7  | 105-3622 | 1    | Bracket-Armrest, LH      |  |  |  |  |
| 1:8  | 321-30   | 8    | Screw-HH                 |  |  |  |  |
| 1:9  | 3296-42  | 4    | Nut-Lock, NI             |  |  |  |  |
| 1:10 | 325-2    | 2    | Screw-HH                 |  |  |  |  |
| 1:11 | 3296-23  | 2    | Nut-Lock, NI             |  |  |  |  |
| 3    | 110-4162 | 1    | Cushion-Seat, Bottom     |  |  |  |  |
| 4    | 110-0447 | 1    | Cusion-Seat, Back        |  |  |  |  |
| 7    | 1-633859 | 1    | Frame-Seat               |  |  |  |  |
| 8    | 1-643255 | 1    | Track-Seat               |  |  |  |  |
| 11   | 110-0883 | 1    | Retractable Seatbelt Kit |  |  |  |  |
| 11:2 | 3212-4   | 2    | Screw-HH                 |  |  |  |  |
| 11:3 | 3296-7   | 2    | Nut-Lock                 |  |  |  |  |
| 12   | 1-543401 | 4    | Spacer-Track             |  |  |  |  |
| 13   | 321-30   | 5    | Screw-HH                 |  |  |  |  |
| 14   | 32128-20 | 4    | Nut-HF                   |  |  |  |  |
| 15   | 3256-22  | 5    | Washer-Flat              |  |  |  |  |



## Roll-Over-Protection-System Assembly

| Ref | Part No. | Qty. | Description |
|-----|----------|------|-------------|
| 13  | 107-8093 | 1    | ROPS ASM    |

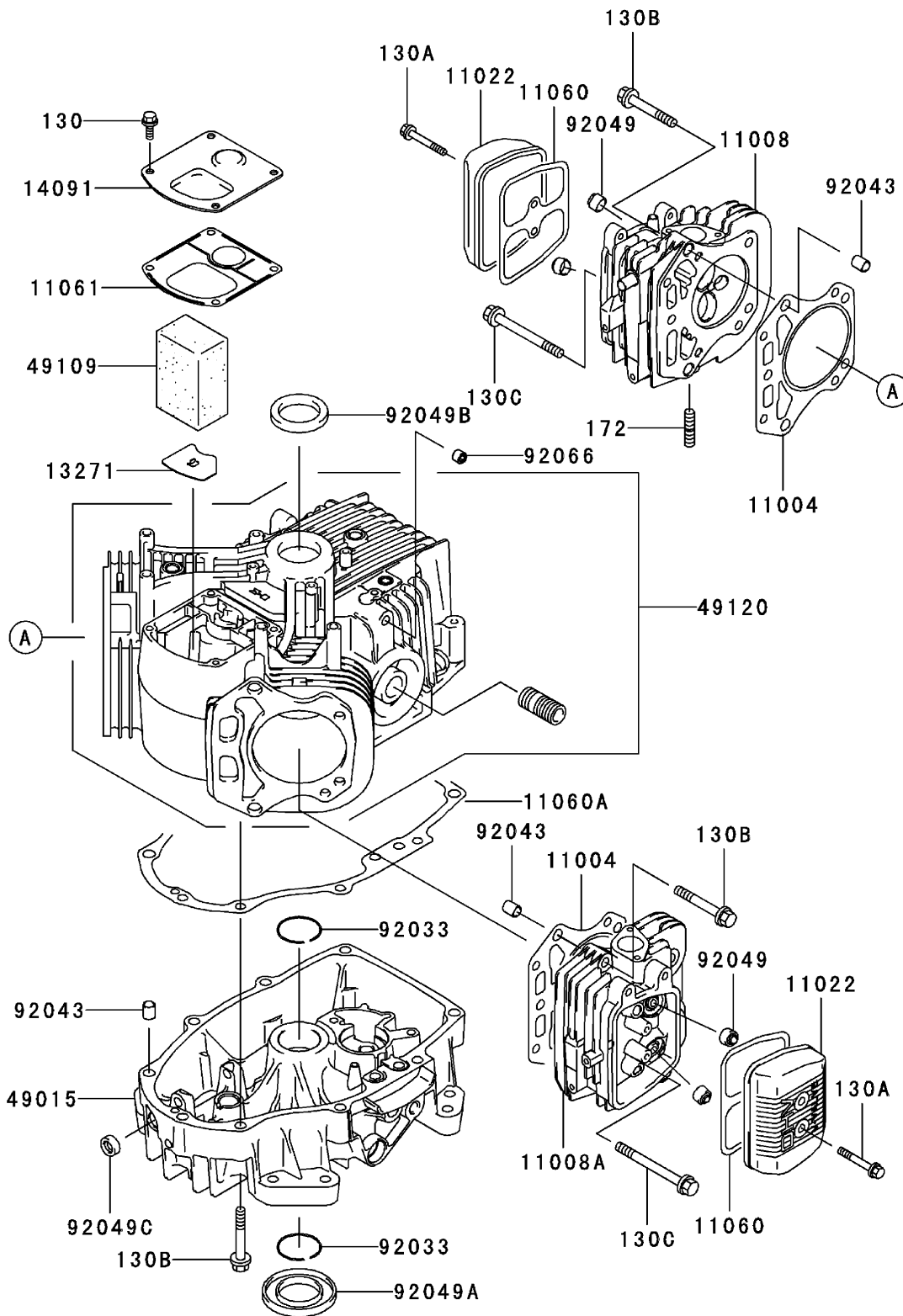


## Roll-Over-Protection-System Assembly No. 107-8093

| Ref  | Part No.    | Qty. | Description              | Ref  | Part No. | Qty. | Description                      |
|------|-------------|------|--------------------------|------|----------|------|----------------------------------|
| ❶ 1  |             | 1    | LH Tube Support ASM      | 29:2 | 3212-4   | 2    | Screw-HH                         |
| 2    | 32128-23    | 2    | Nut-HF                   | 29:3 | 3296-7   | 2    | Nut-Lock                         |
| 3    | 103-4553    | 2    | ROPS Fold Pin ASM        | 32   | 107-3069 | 1    | Decal-Warning, Folding ROPS (Ce) |
| 4    | 107-3124    | 2    | Clip                     | 47   | 107-2102 | 1    | Decal-Warning, Folding ROPS      |
| ❶ 5  |             | 1    | Upper Tube ASM           |      |          |      |                                  |
| 6    | 106-0887    | 2    | Knob                     |      |          |      |                                  |
| 7    | 325-13      | 2    | Screw-HH                 |      |          |      |                                  |
| 9    | 103-4434    | 1    | Grip-Lever               |      |          |      |                                  |
| 10   | 107-3083    | 1    | Latch ASM                |      |          |      |                                  |
| 11   | 3256-24     | 1    | Washer-Flat              |      |          |      |                                  |
| 12   | 323-20      | 1    | Screw-HH                 |      |          |      |                                  |
| 14   | 107-0075    | 1    | Bushing-Latch, Seat      |      |          |      |                                  |
| 16   | 107-0076    | 1    | Spring-Torsion           |      |          |      |                                  |
| 17   | 3296-39     | 1    | Nut-Lock, NI             |      |          |      |                                  |
| 18   | 3296-29     | 2    | Nut-Lock, NI             |      |          |      |                                  |
| ❶ 19 |             | 1    | RH Tube Support ASM      |      |          |      |                                  |
| 20   | 98-5975     | 8    | Washer-Belleville        |      |          |      |                                  |
| 21   | 323-6       | 8    | Screw-HH                 |      |          |      |                                  |
| 22   | 3290-357    | 8    | Nut-HHF, Whiz            |      |          |      |                                  |
| 23   | 107-3059    | 1    | Catch-Latch, Seat        |      |          |      |                                  |
| 24   | 322-4       | 2    | Screw-HH                 |      |          |      |                                  |
| 25   | 107-3154    | 2    | Nut-Push                 |      |          |      |                                  |
| 28   | 107-3052-03 | 1    | Seat Support Frame ASM   |      |          |      |                                  |
| 29   | 110-0883    | 1    | Retractable Seatbelt Kit |      |          |      |                                  |

# Cylinder/Crankcase Assembly

## Kawasaki FH580V AS29



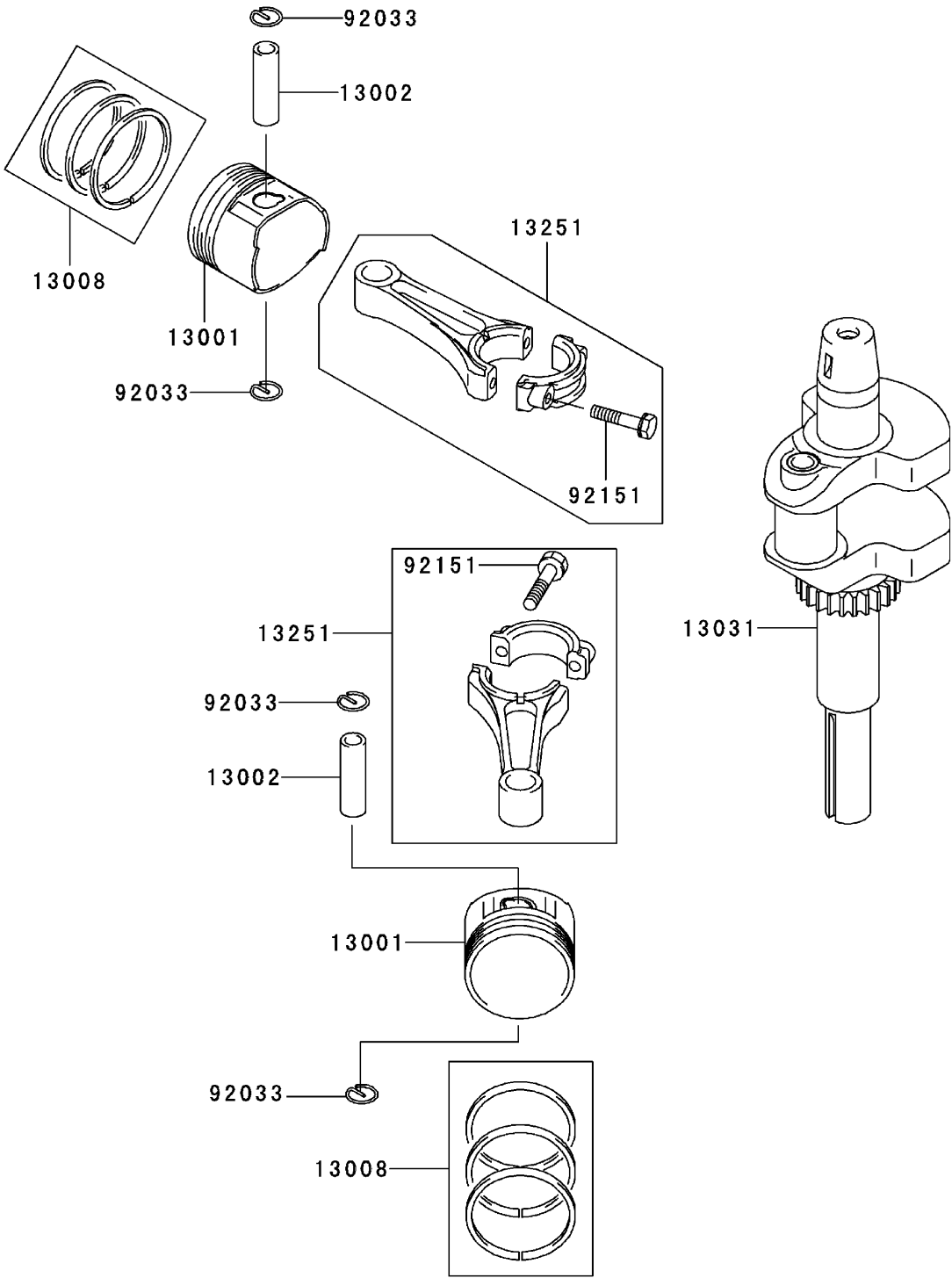
## Cylinder/Crankcase Assembly

### Kawasaki FH580V AS29

| Ref     | Part No.   | Qty. | Description                 |  |  |  |  |
|---------|------------|------|-----------------------------|--|--|--|--|
| ②11004  | 11004-7016 | 2    | Gasket-Head                 |  |  |  |  |
| ②11008  | 11008-6043 | 1    | Head-Cylinder, No. 1        |  |  |  |  |
| ②11008A | 11008-7020 | 1    | Head-Cylinder, No. 2        |  |  |  |  |
| ②11022  | 11022-7003 | 2    | Case-Rocker                 |  |  |  |  |
| ②11060  | 11060-7001 | 2    | Gasket-Case, Rocker         |  |  |  |  |
| ②11060A | 11060-7008 | 1    | Gasket-Cover, Crankcase     |  |  |  |  |
| ②11061  | 11061-7001 | 1    | Gasket-Breather             |  |  |  |  |
| ②13271  | 13271-7016 | 1    | Plate                       |  |  |  |  |
| ②14091  | 14091-7006 | 1    | Cover                       |  |  |  |  |
| ②49015  | 49015-6253 | 1    | Cover-Crankcase             |  |  |  |  |
| ②49109  | 49109-7002 | 1    | Element-Breather            |  |  |  |  |
| ②49120  | 49120-7023 | 1    | Crankcase                   |  |  |  |  |
| ②92033  | 92033-7003 | 2    | Ring-Snap                   |  |  |  |  |
| ②92043  | 92043-7001 | 6    | Pin                         |  |  |  |  |
| ②92049  | 92049-7001 | 4    | Seal-Oil, Rvc2 (6X11X10.2)  |  |  |  |  |
| ②92049A | 92049-7015 | 1    | Seal-Oil, Sd (35X62X8 L Hs) |  |  |  |  |
| ②92049B | 92049-7016 | 1    | Seal-Oil, Sd (35X48X8 R Hs) |  |  |  |  |
| ②92049C | 92049-7019 | 1    | Seal-Oil, So (8X14X5 Hs)    |  |  |  |  |
| ②92066  | 92066-7002 | 1    | Plug                        |  |  |  |  |
| ②130    | 130B0612   | 4    | Bolt-Flanged                |  |  |  |  |
| ②130A   | 130B0640   | 4    | Bolt-Flanged                |  |  |  |  |
| ②130B   | 130T0850   | 17   | Bolt-Flanged                |  |  |  |  |
| ②130C   | 130T0875   | 2    | Bolt-Flanged                |  |  |  |  |
| ②172    | 172G0818   | 4    | Bolt-Stud                   |  |  |  |  |

# Piston/Crankshaft Assembly

## Kawasaki FH580V AS29

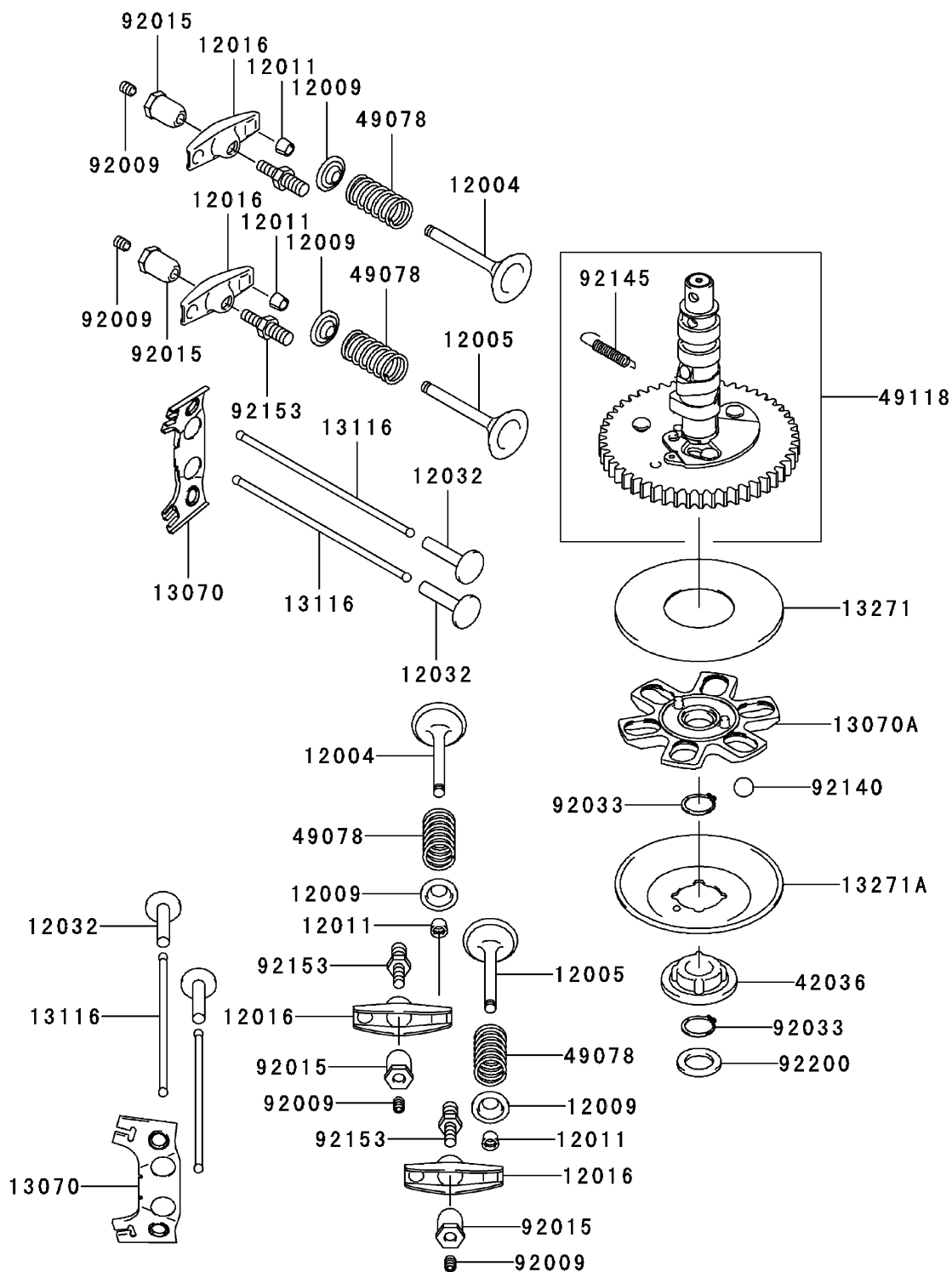


## Piston/Crankshaft Assembly Kawasaki FH580V AS29

| Ref    | Part No.   | Qty. | Description        |
|--------|------------|------|--------------------|
| ②13001 | 13001-7010 | 2    | Piston-Engine      |
| ②13002 | 13002-7001 | 2    | Pin-Piston         |
| ②13008 | 13008-6060 | 2    | Ring Set-Piston    |
| ②13031 | 13031-7036 | 1    | Crankshaft         |
| ②13251 | 13251-7010 | 2    | Connecting Rod ASM |
| ②92033 | 92033-7005 | 4    | Ring-Snap          |
| ②92151 | 92151-7017 | 4    | Bolt (6X35)        |

# Valve/Camshaft Assembly

## Kawasaki FH580V AS29

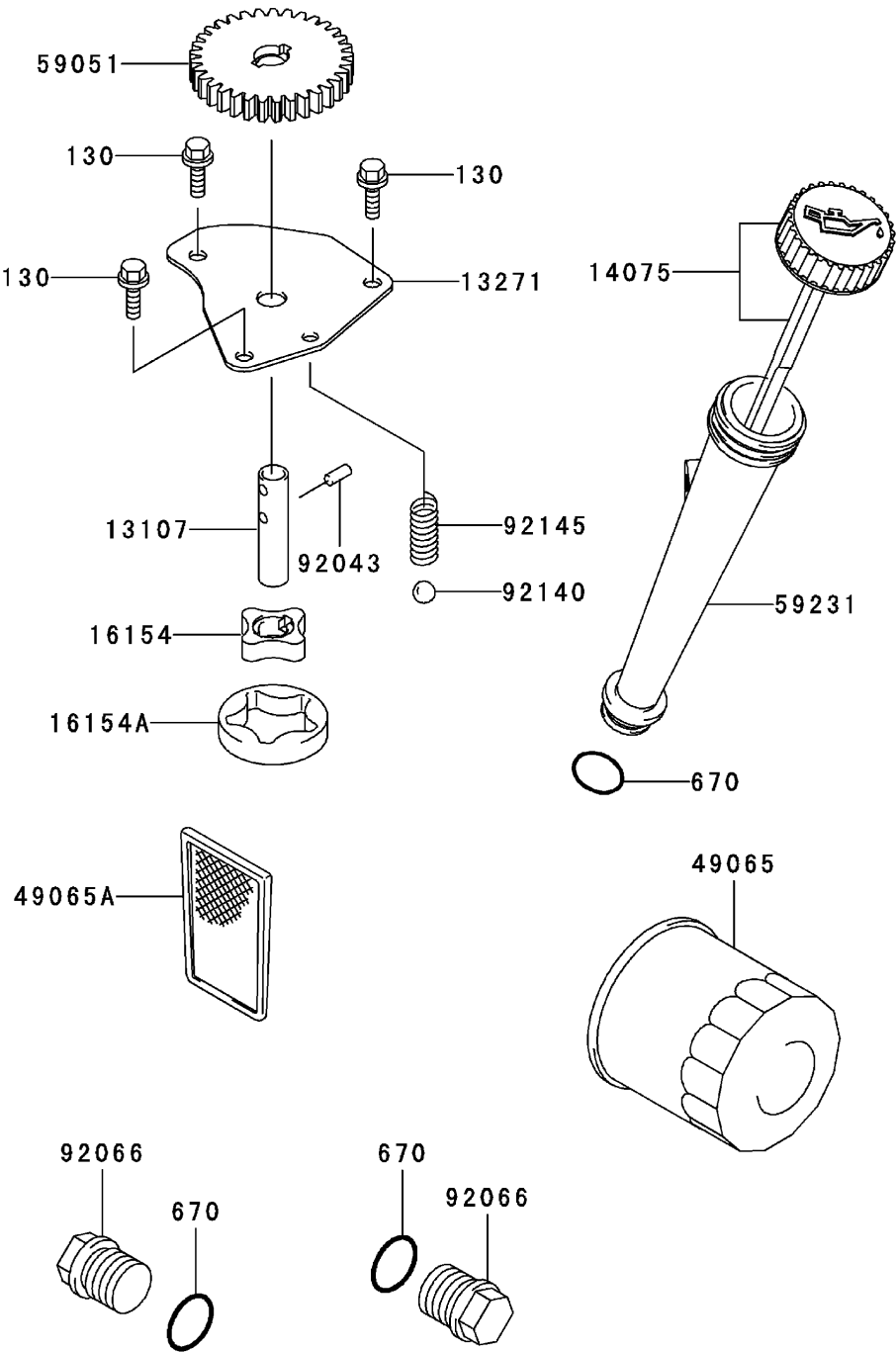


## Valve/Camshaft Assembly Kawasaki FH580V AS29

| Ref     | Part No.   | Qty. | Description            |  |  |  |  |
|---------|------------|------|------------------------|--|--|--|--|
| ②12004  | 12004-7003 | 2    | Valve-Intake           |  |  |  |  |
| ②12005  | 12005-7003 | 2    | Valve-Exhaust          |  |  |  |  |
| ②12009  | 12009-7001 | 4    | Retainer-Spring, Valve |  |  |  |  |
| ②12011  | 12011-2056 | 8    | Collet                 |  |  |  |  |
| ②12016  | 12016-7001 | 4    | Arm-Rocker             |  |  |  |  |
| ②12032  | 12032-7001 | 4    | Tappet                 |  |  |  |  |
| ②13070  | 13070-7001 | 2    | Guide                  |  |  |  |  |
| ②13070A | 13070-7004 | 1    | Guide                  |  |  |  |  |
| ②13116  | 13116-2057 | 4    | Rod-Push               |  |  |  |  |
| ②13271  | 13271-7007 | 1    | Plate                  |  |  |  |  |
| ②13271A | 13271-7021 | 1    | Plate-Governor         |  |  |  |  |
| ②42036  | 42036-7009 | 1    | Sleeve                 |  |  |  |  |
| ②49078  | 49078-7001 | 4    | Spring-Valve, Engine   |  |  |  |  |
| ②49118  | 49118-7004 | 1    | Camshaft               |  |  |  |  |
| ②92009  | 92009-2341 | 4    | Screw                  |  |  |  |  |
| ②92015  | 92015-2253 | 4    | Nut                    |  |  |  |  |
| ②92033  | 92033-7001 | 2    | Ring-Snap              |  |  |  |  |
| ②92140  | 92140-7002 | 6    | Ball                   |  |  |  |  |
| ②92145  | 92145-7001 | 1    | Spring                 |  |  |  |  |
| ②92153  | 92153-7019 | 4    | Bolt                   |  |  |  |  |
| ②92200  | 92200-7001 | 1    | Washer                 |  |  |  |  |

# Lubrication Equipment Assembly

## Kawasaki FH580V AS29



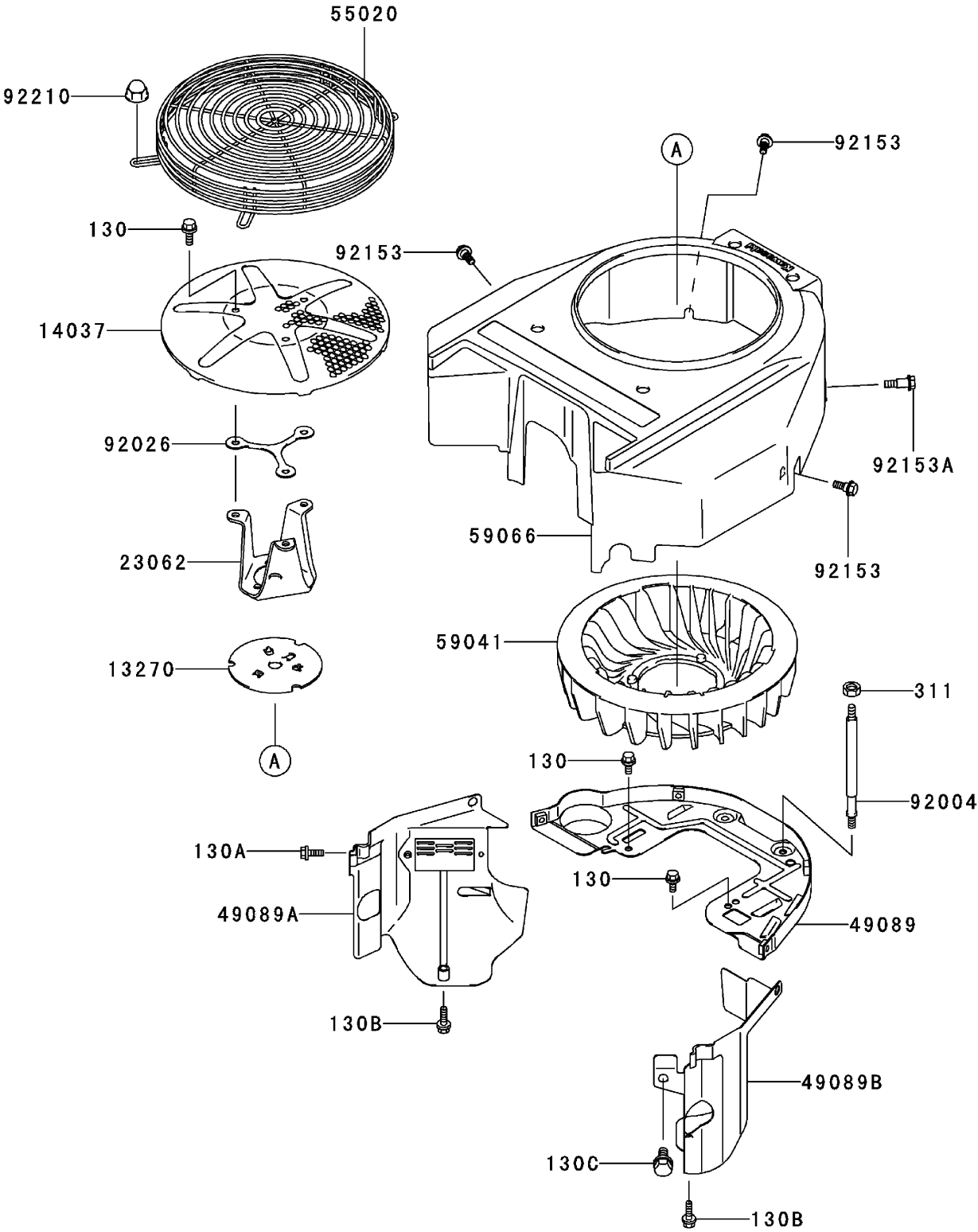
## Lubrication Equipment Assembly

### Kawasaki FH580V AS29

| Ref     | Part No.   | Qty. | Description      |  |  |  |  |
|---------|------------|------|------------------|--|--|--|--|
| ②13107  | 13107-7009 | 1    | Shaft            |  |  |  |  |
| ②13271  | 13271-7017 | 1    | Plate            |  |  |  |  |
| ②14075  | 14075-7009 | 1    | Cap ASM          |  |  |  |  |
| ②16154  | 16154-2053 | 1    | Rotor-Pump (In)  |  |  |  |  |
| ②16154A | 16154-2054 | 1    | Rotor-Pump (Out) |  |  |  |  |
| ②49065  | 49065-2078 | 1    | Filter-Oil       |  |  |  |  |
| ②49065A | 49065-7004 | 1    | Filter-Oil       |  |  |  |  |
| ②59051  | 59051-7011 | 1    | Gear-Spur        |  |  |  |  |
| ②59231  | 59231-7005 | 1    | Filler           |  |  |  |  |
| ②92043  | 92043-7003 | 2    | Pin              |  |  |  |  |
| ②92066  | 92066-7003 | 2    | Plug             |  |  |  |  |
| ②92140  | 92140-7003 | 1    | Ball             |  |  |  |  |
| ②92145  | 92145-7002 | 1    | Spring           |  |  |  |  |
| ②130    | 130B0612   | 3    | Bolt-Flanged     |  |  |  |  |
| ②670    | 670D2016   | 3    | O-Ring (16Mm)    |  |  |  |  |

# Cooling Equipment Assembly

## Kawasaki FH580V AS29



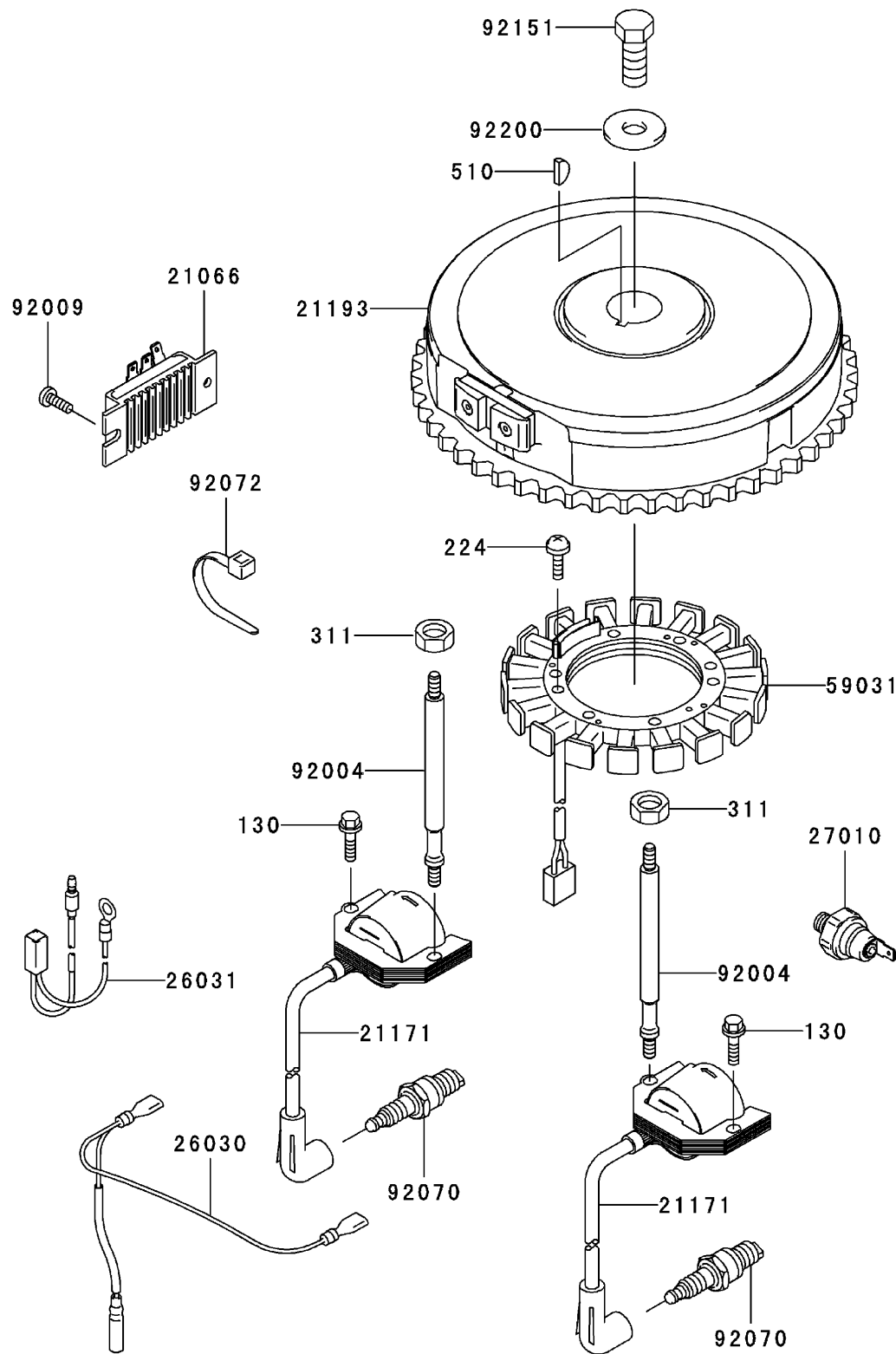
## Cooling Equipment Assembly

### Kawasaki FH580V AS29

| Ref     | Part No.      | Qty. | Description   |  |  |  |  |
|---------|---------------|------|---------------|--|--|--|--|
| ②13270  | 13270-7007    | 1    | Plate         |  |  |  |  |
| ②14037  | 14037-7020-9H | 1    | Screen        |  |  |  |  |
| ②23062  | 23062-7010    | 1    | Bracket       |  |  |  |  |
| ②49089  | 49089-7032    | 1    | Shroud-Engine |  |  |  |  |
| ②49089A | 49089-7042    | 1    | Shroud-Engine |  |  |  |  |
| ②49089B | 49089-7043    | 1    | Shroud-Engine |  |  |  |  |
| ②55020  | 55020-7004    | 1    | Guard         |  |  |  |  |
| ②59041  | 59041-7010    | 1    | Fan           |  |  |  |  |
| ②59066  | 59066-7025    | 1    | Housing-Fan   |  |  |  |  |
| ②92004  | 92004-7006    | 2    | Stud          |  |  |  |  |
| ②92026  | 92026-7007    | 1    | Spacer        |  |  |  |  |
| ②92153  | 92153-7007    | 3    | Bolt          |  |  |  |  |
| ②92153A | 92153-7008    | 1    | Bolt          |  |  |  |  |
| ②92210  | 92210-0003    | 4    | Nut           |  |  |  |  |
| ②130    | 130B0612      | 5    | Bolt-Flanged  |  |  |  |  |
| ②130A   | 130B0616      | 2    | Bolt-Flanged  |  |  |  |  |
| ②130B   | 130B0625      | 2    | Bolt-Flanged  |  |  |  |  |
| ②130C   | 130B0816      | 1    | Bolt-Flanged  |  |  |  |  |
| ②311    | 311B0600      | 2    | Nut-Hex       |  |  |  |  |

# Electric Equipment Assembly

## Kawasaki FH580V AS29



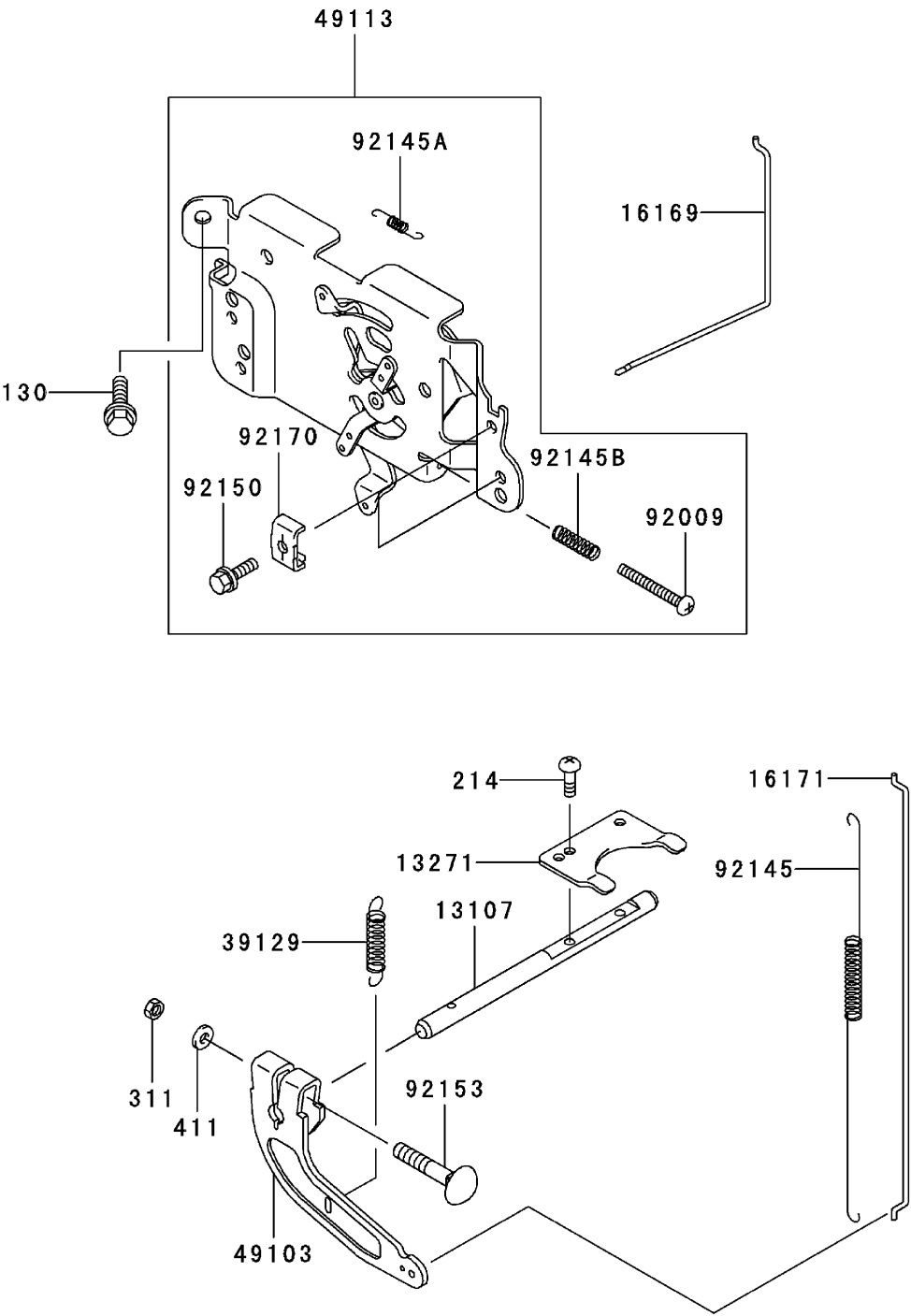
## Electric Equipment Assembly

### Kawasaki FH580V AS29

| Ref   | Part No.   | Qty. | Description               |  |  |  |  |
|-------|------------|------|---------------------------|--|--|--|--|
| 21066 | 21066-7011 | 1    | Regulator-Voltage         |  |  |  |  |
| 21171 | 21171-7013 | 2    | Ignition Coil ASM         |  |  |  |  |
| 21193 | 21193-7007 | 1    | Flywheel ASM              |  |  |  |  |
| 26030 | 26030-7001 | 1    | Harness                   |  |  |  |  |
| 26031 | 26031-7002 | 1    | Harness                   |  |  |  |  |
| 27010 | 27010-7001 | 1    | Switch                    |  |  |  |  |
| 59031 | 59031-7001 | 1    | Coil-Charging             |  |  |  |  |
| 92004 | 92004-7009 | 2    | Stud                      |  |  |  |  |
| 92009 | 92009-2308 | 1    | Screw                     |  |  |  |  |
| 92070 | 92070-7003 | 2    | Plug-Spark (Rcj8Y, Solid) |  |  |  |  |
| 92072 | 92072-7003 | 2    | Band                      |  |  |  |  |
| 92151 | 92151-2097 | 1    | Bolt (12X30)              |  |  |  |  |
| 92200 | 92200-7002 | 1    | Washer                    |  |  |  |  |
| 130   | 130B0620   | 2    | Bolt-Flanged              |  |  |  |  |
| 224   | 224B0520   | 4    | Screw-Pan                 |  |  |  |  |
| 311   | 311B0600   | 2    | Nut-Hex                   |  |  |  |  |
| 510   | 510A5100   | 1    | Key-Woodruff              |  |  |  |  |

# Control Equipment Assembly

## Kawasaki FH580V AS29



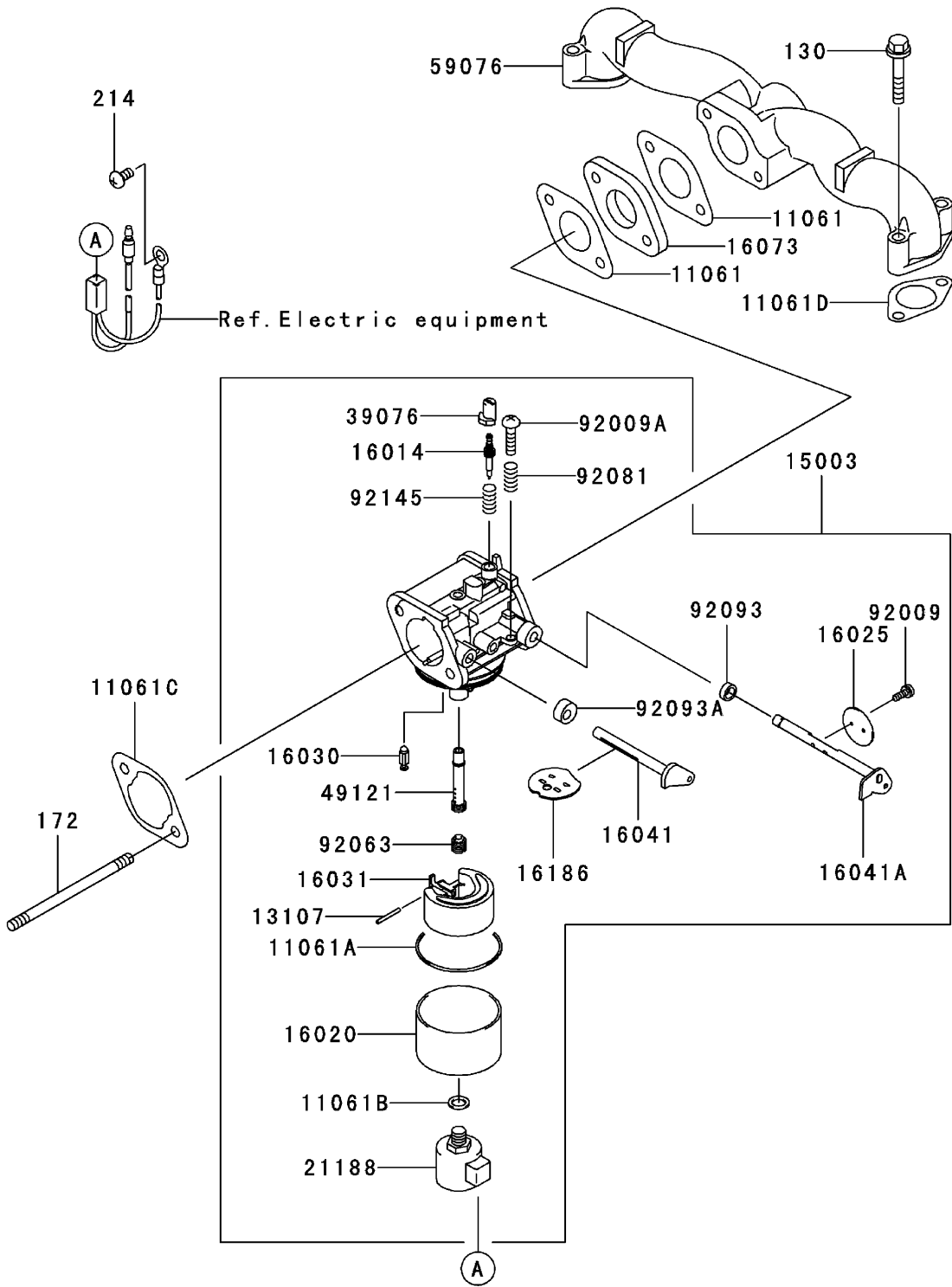
## Control Equipment Assembly

### Kawasaki FH580V AS29

| Ref     | Part No.   | Qty. | Description     |  |  |  |  |
|---------|------------|------|-----------------|--|--|--|--|
| ②13107  | 13107-7010 | 1    | Shaft           |  |  |  |  |
| ②13271  | 13271-7018 | 1    | Plate           |  |  |  |  |
| ②16169  | 16169-7010 | 1    | Link-Choke      |  |  |  |  |
| ②16171  | 16171-7001 | 1    | Link            |  |  |  |  |
| ②39129  | 39129-7003 | 1    | Spring-Governor |  |  |  |  |
| ②49103  | 49103-7004 | 1    | Arm-Governor    |  |  |  |  |
| ②49113  | 49113-7011 | 1    | Panel-Control   |  |  |  |  |
| ②92009  | 92009-7007 | 1    | Screw (4X35)    |  |  |  |  |
| ②92145  | 92145-7003 | 1    | Spring          |  |  |  |  |
| ②92145A | 92145-7004 | 1    | Spring          |  |  |  |  |
| ②92145B | 92145-7005 | 1    | Spring          |  |  |  |  |
| ②92150  | 92150-2182 | 2    | Bolt (5X18)     |  |  |  |  |
| ②92153  | 92153-7033 | 1    | Bolt (6X35)     |  |  |  |  |
| ②92170  | 92170-7001 | 2    | Clamp           |  |  |  |  |
| ②130    | 130B0612   | 2    | Bolt-Flanged    |  |  |  |  |
| ②214    | 214B0408   | 2    | Screw-Pan       |  |  |  |  |
| ②311    | 311B0600   | 1    | Nut-Hex         |  |  |  |  |
| ②411    | 411b0600   | 1    | Washer-Plain    |  |  |  |  |

# Carburetor Assembly

## Kawasaki FH580V AS29

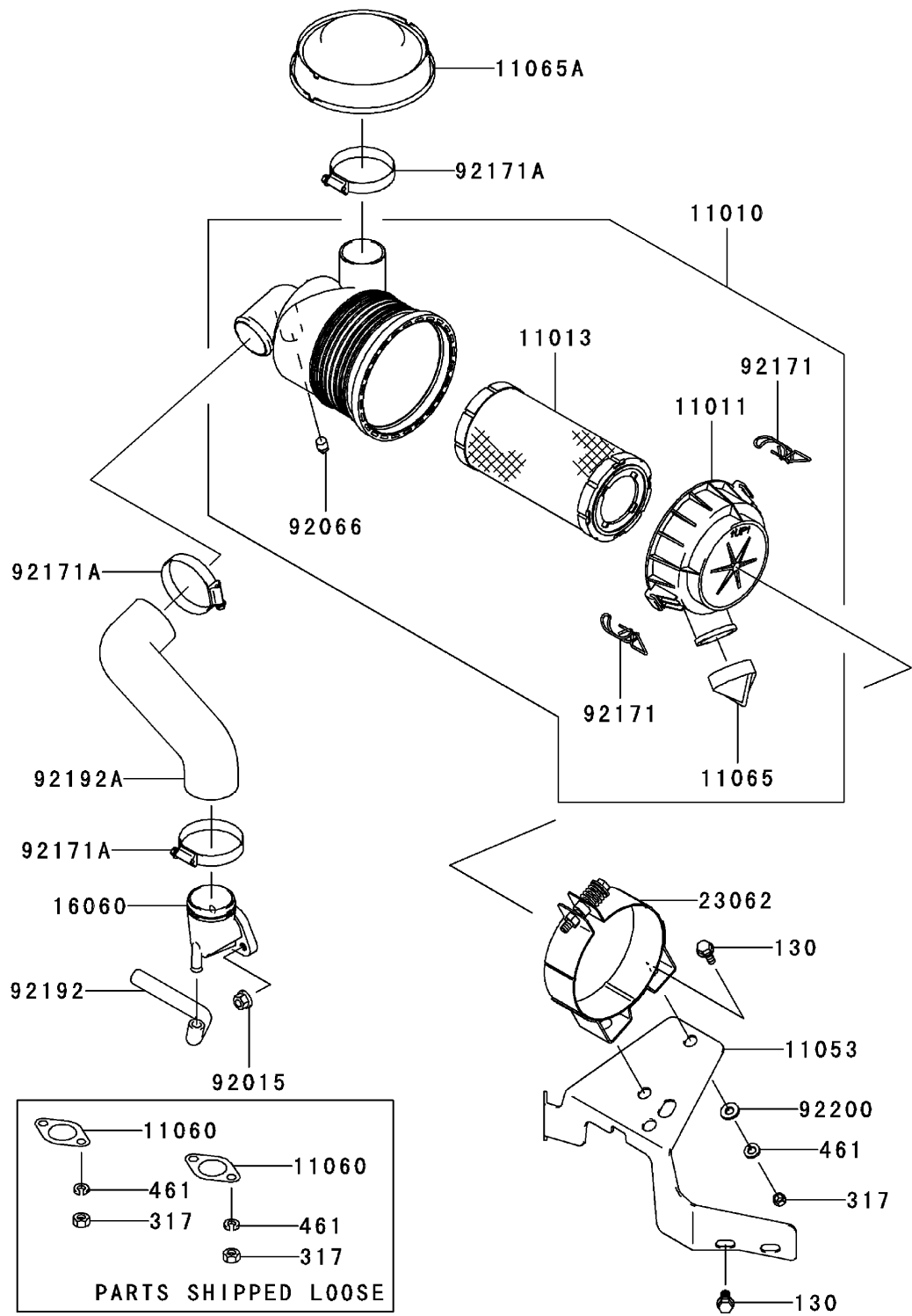


## Carburetor Assembly Kawasaki FH580V AS29

| Ref     | Part No.   | Qty. | Description                |  |  |  |  |
|---------|------------|------|----------------------------|--|--|--|--|
| ②11061  | 11061-7004 | 2    | Gasket-Insulator           |  |  |  |  |
| ②11061A | 11061-7009 | 1    | Gasket-Chamber             |  |  |  |  |
| ②11061B | 11061-7010 | 1    | Gasket-Screw               |  |  |  |  |
| ②11061C | 11061-7018 | 1    | Gasket-Cleaner, Air        |  |  |  |  |
| ②11061D | 11061-7019 | 2    | Gasket                     |  |  |  |  |
| ②13107  | 13107-7018 | 1    | Shaft                      |  |  |  |  |
| ②15003  | 15003-7100 | 1    | Carburetor ASM             |  |  |  |  |
| ②16014  | 16014-7007 | 1    | Screw-Air, Pilot           |  |  |  |  |
| ②16020  | 16020-7003 | 1    | Chamber-Float              |  |  |  |  |
| ②16025  | 16025-7006 | 1    | Valve-Throttle             |  |  |  |  |
| ②16030  | 16030-7003 | 1    | Valve-Float                |  |  |  |  |
| ②16031  | 16031-7002 | 1    | Float                      |  |  |  |  |
| ②16041  | 16041-7016 | 1    | Shaft-Choke, Carburetor    |  |  |  |  |
| ②16041A | 16041-7018 | 1    | Shaft-Throttle, Carburetor |  |  |  |  |
| ②16073  | 16073-7007 | 1    | Insulator                  |  |  |  |  |
| ②16186  | 16186-7004 | 1    | Choke Valve ASM            |  |  |  |  |
| ②21188  | 21188-7002 | 1    | Solenoid                   |  |  |  |  |
| ②39076  | 39076-7001 | 1    | Limiter                    |  |  |  |  |
| ②49121  | 49121-7004 | 1    | Nozzle-Main                |  |  |  |  |
| ②59076  | 59076-7001 | 1    | Manifold-Intake            |  |  |  |  |
| ②92009  | 92009-2083 | 2    | Screw                      |  |  |  |  |
| ②92009A | 92009-2349 | 1    | Screw                      |  |  |  |  |
| ②92063  | 92063-7062 | 1    | Jet-Main, No.110           |  |  |  |  |
| ②92081  | 92081-2234 | 1    | Spring                     |  |  |  |  |
| ②92093  | 92093-2100 | 1    | Seal                       |  |  |  |  |
| ②92093A | 92093-7003 | 1    | Seal                       |  |  |  |  |
| ②92145  | 92145-7015 | 1    | Spring                     |  |  |  |  |
| ②130    | 130B0635   | 4    | Bolt-Flanged               |  |  |  |  |
| ②172    | 172G0690   | 2    | Bolt-Stud                  |  |  |  |  |
| ②214    | 214B0510   | 1    | Screw-Pan                  |  |  |  |  |

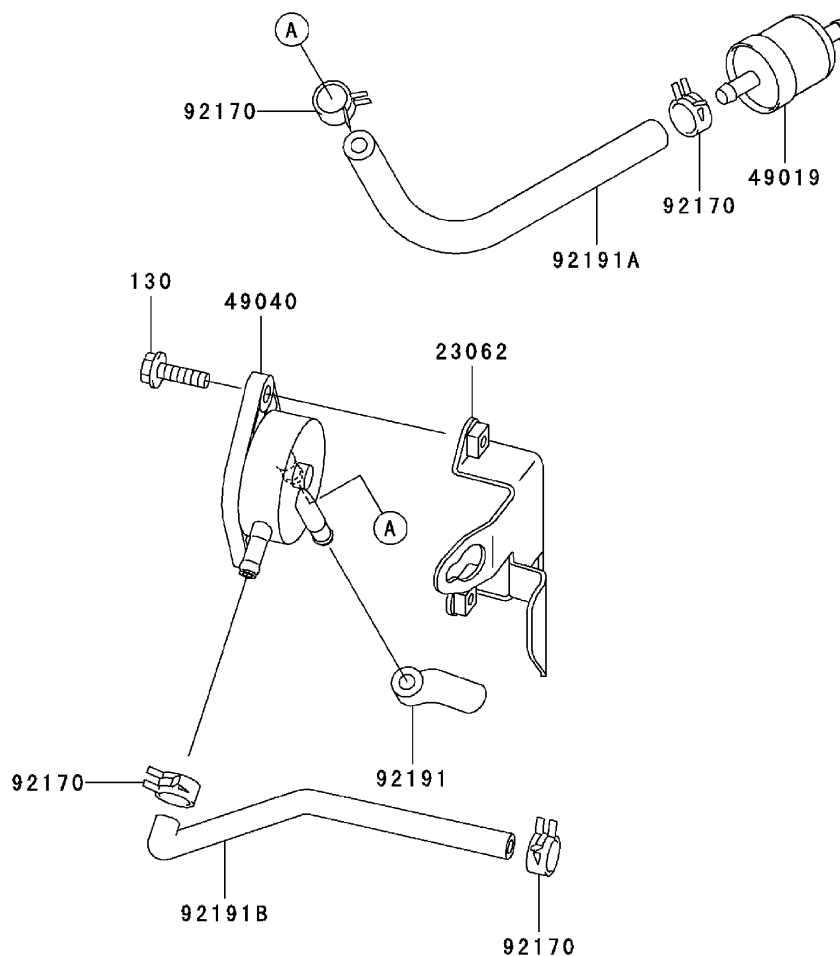
# Air Filter/Muffler Assembly

## Kawasaki FH580V AS29



## Air Filter/Muffler Assembly Kawasaki FH580V AS29

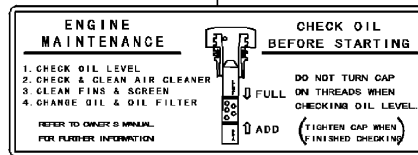
| Ref     | Part No.   | Qty. | Description         |  |  |  |  |
|---------|------------|------|---------------------|--|--|--|--|
| ②11010  | 11010-7017 | 1    | Air Filter ASM      |  |  |  |  |
| ②11011  | 11011-7032 | 1    | Case-Filter, Air    |  |  |  |  |
| ②11013  | 11013-7029 | 1    | Element-Filter, Air |  |  |  |  |
| ②11053  | 11053-7019 | 1    | Bracket             |  |  |  |  |
| ②11060  | 11060-7021 | 2    | Gasket-Muffler      |  |  |  |  |
| ②11065  | 11065-7008 | 1    | Cap                 |  |  |  |  |
| ②11065A | 11065-7011 | 1    | Cap                 |  |  |  |  |
| ②16060  | 16060-7011 | 1    | Pipe-Intake         |  |  |  |  |
| ②23062  | 23062-7012 | 1    | Bracket-Comp        |  |  |  |  |
| ②92015  | 92015-1193 | 2    | Nut                 |  |  |  |  |
| ②92066  | 92066-7018 | 1    | Plug                |  |  |  |  |
| ②92171  | 92171-7009 | 2    | Clamp               |  |  |  |  |
| ②92171A | 92171-7010 | 3    | Clamp               |  |  |  |  |
| ②92192  | 92192-7013 | 1    | Tube                |  |  |  |  |
| ②92192A | 92192-7014 | 1    | Tube                |  |  |  |  |
| ②92200  | 92200-1213 | 2    | Washer (8.5X18X2.3) |  |  |  |  |
| ②130    | 130B0816   | 3    | Bolt-Flanged        |  |  |  |  |
| ②317    | 317R0800   | 6    | Nut-Hex             |  |  |  |  |
| ②461    | 461F0800   | 6    | Washer-Spring       |  |  |  |  |



# Fuel Tank/Fuel Valve Assembly Kawasaki FH580V AS29

| Ref     | Part No.      | Qty. | Description          |  |  |  |  |
|---------|---------------|------|----------------------|--|--|--|--|
| 23062   | 23062-7004-9H | 1    | Bracket              |  |  |  |  |
| 249019  | 49019-7001    | 1    | Filter-Fuel          |  |  |  |  |
| 249040  | 49040-7001    | 1    | Pump-Fuel            |  |  |  |  |
| 292170  | 92170-2088    | 4    | Clamp                |  |  |  |  |
| 292191  | 92191-7002    | 1    | Tube                 |  |  |  |  |
| 292191A | 92191-7003    | 1    | Tube (6.35X12.7X160) |  |  |  |  |
| 292191B | 92191-7004    | 1    | Tube                 |  |  |  |  |
| 2130    | 130B0620      | 2    | Bolt-Flanged         |  |  |  |  |

56033



56070



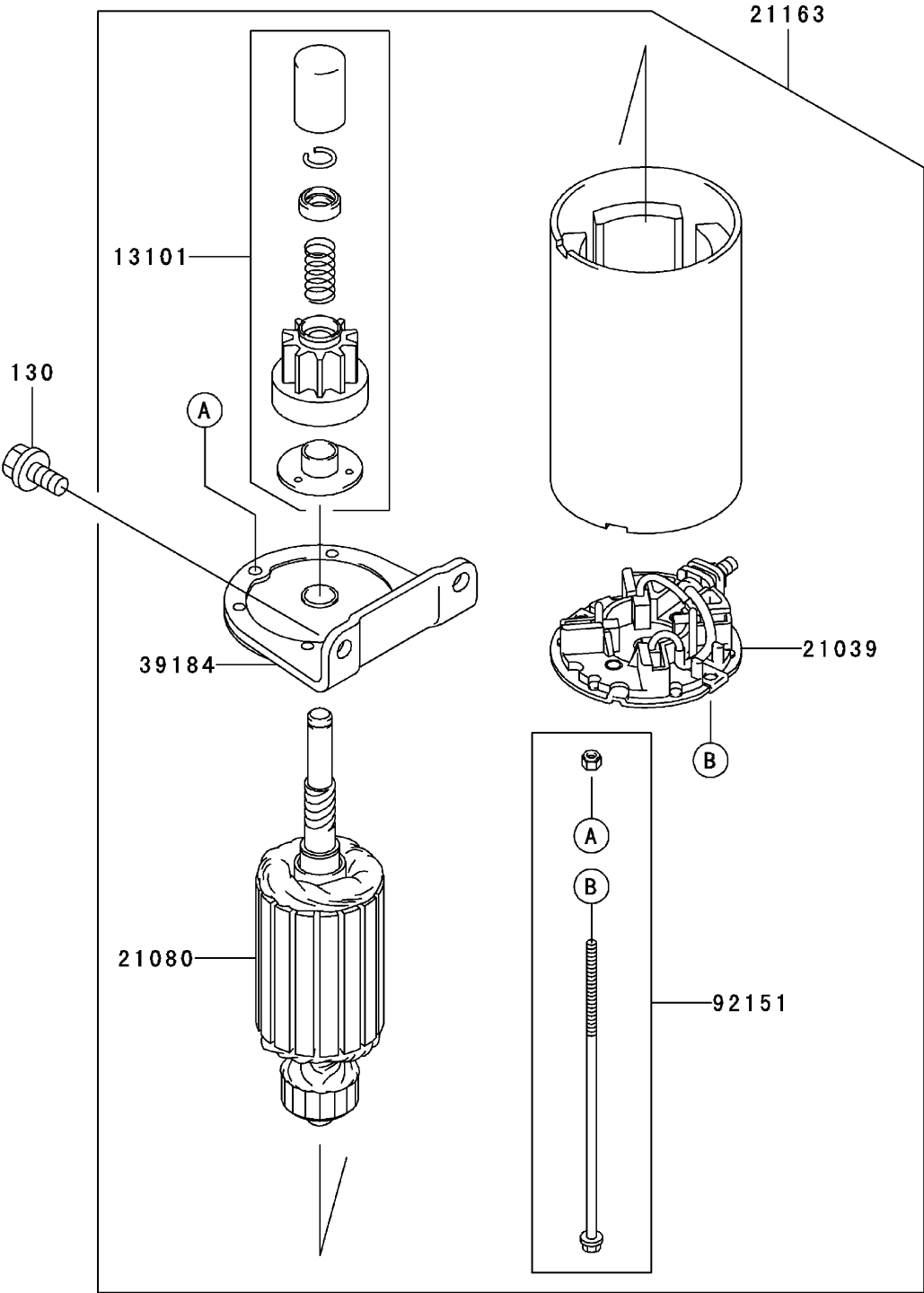
56080



# Label Assembly Kawasaki FH580V AS29

| Ref    | Part No.   | Qty. | Description   |
|--------|------------|------|---------------|
| ②56033 | 56033-7002 | 1    | Label-Manual  |
| ②56070 | 56070-7001 | 1    | Label-Warning |
| ②56080 | 56080-7022 | 1    | Label-Brand   |

**Starter Assembly**  
**Kawasaki FH580V AS29**



# Starter Assembly Kawasaki FH580V AS29

| Ref    | Part No.   | Qty. | Description      |  |  |  |  |
|--------|------------|------|------------------|--|--|--|--|
| ②13101 | 13101-7003 | 1    | Gear ASM         |  |  |  |  |
| ②21039 | 21039-7004 | 1    | Brush            |  |  |  |  |
| ②21080 | 21080-7001 | 1    | Armature         |  |  |  |  |
| ②21163 | 21163-7010 | 1    | Starter-Electric |  |  |  |  |
| ②39184 | 39184-7004 | 1    | Bracket ASM      |  |  |  |  |
| ②92151 | 92151-7013 | 1    | Bolt             |  |  |  |  |
| ②130   | 130B0816   | 2    | Bolt-Flanged     |  |  |  |  |

## NOTES

## NOTES

