



## 66cm Heavy-Duty Rear Bagger Lawn Mower

Model No. 22200TE - 290000501 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.

# Contents

| Description                                          | Page     | Description                                          | Page     |
|------------------------------------------------------|----------|------------------------------------------------------|----------|
| Housing Assembly                                     | ..... 3  | Valve and Camshaft Assembly Kawasaki FJ180V-AS64     | ..... 16 |
| Bag and Door Assembly                                | ..... 4  | Lubrication Equipment Assembly Kawasaki FJ180V-AS64  | ..... 17 |
| Handle Assembly                                      | ..... 5  | Cooling Equipment Assembly Kawasaki FJ180V-AS64      | ..... 18 |
| Gear Case and Pinion Assembly                        | ..... 6  | Electric Equipment Assembly Kawasaki FJ180V-AS64     | ..... 19 |
| Gear Case Assembly No. 116-0786                      | ..... 7  | Control Equipment Assembly Kawasaki FJ180V-AS64      | ..... 20 |
| Engine Assembly                                      | ..... 8  | Carburetor Assembly Kawasaki FJ180V-AS64             | ..... 21 |
| Blade Drive Assembly                                 | ..... 9  | Air Filter and Muffler Assembly Kawasaki FJ180V-AS64 | ..... 22 |
| Cutter Housing Assembly No. 107-4065                 | ..... 10 | Starter Assembly Kawasaki FJ180V-AS64                | ..... 23 |
| Rear Wheel Assembly                                  | ..... 11 | Label Assembly Kawasaki FJ180V-AS64                  | ..... 24 |
| Wheel Assembly No. 112-8707                          | ..... 12 |                                                      |          |
| Front Wheel Assembly                                 | ..... 13 |                                                      |          |
| Cylinder and Crankcase Assembly Kawasaki FJ180V-AS64 | ..... 14 |                                                      |          |
| Piston and Crankshaft Assembly Kawasaki FJ180V-AS64  | ..... 15 |                                                      |          |

## Part Description Abbreviations

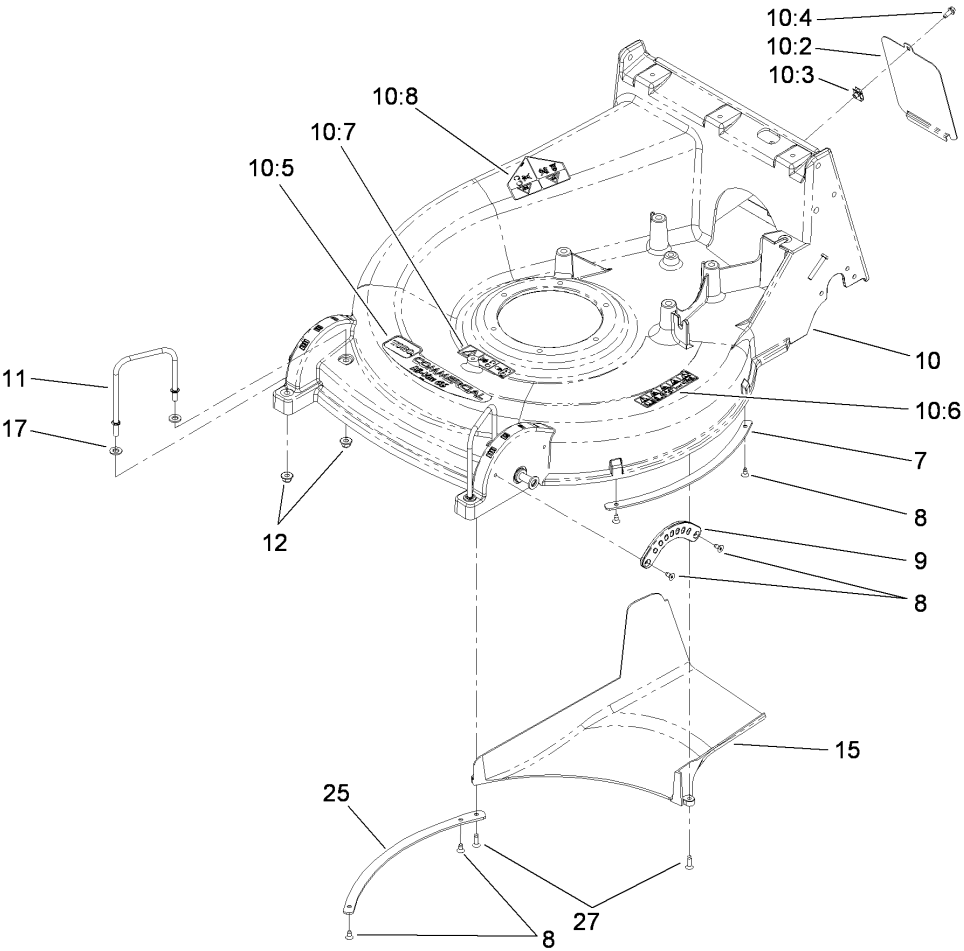
Part descriptions in this catalog may include the following abbreviations.

|                                            |                                              |
|--------------------------------------------|----------------------------------------------|
| AR. .... as required                       | HYD. .... hydraulic                          |
| 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                |
| HD. .... heavy-duty                        | PTH. .... phillips truss head                |
| HF. .... hex flange                        | PTO. .... power-take-off                     |
| HH. .... hex head                          | RH. .... right hand                          |
| HHF. .... hex head flange                  | ROPS. .... roll-over protection system       |
| HHFTF. .... hex head flange thread forming | SFH. .... slotted fillister head             |
| HJ. .... hex jam                           | SHH. .... slotted hex head                   |
| HLH. .... hex lag head                     | SHWH. .... slotted hex washer head           |
| HOC. .... height-of-cut                    | SPH. .... slotted pan head                   |
| HSBH. .... hex socket button head          | SQH. .... square head                        |
| HSFH. .... hex socket flat head            | SRH. .... slotted round head                 |
| HSH. .... hex socket head                  | STD. .... standard                           |
| HWH. .... hex washer head                  | TAP. .... self tapping                       |
| HWHTF. .... hex washer head thread forming | TTH. .... torx truss head                    |

## Footnotes

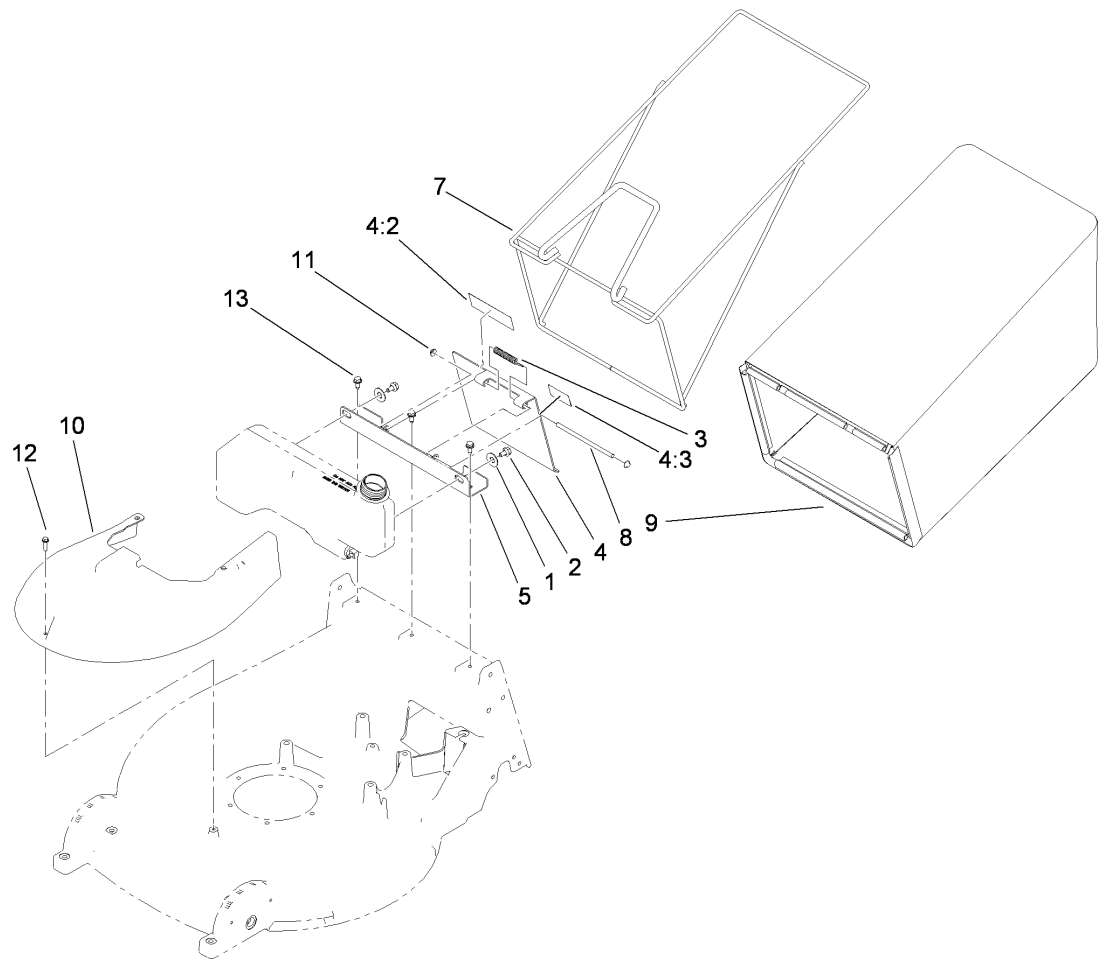
❶ Not serviced separately

❷ Obtain from your local Kawasaki dealer



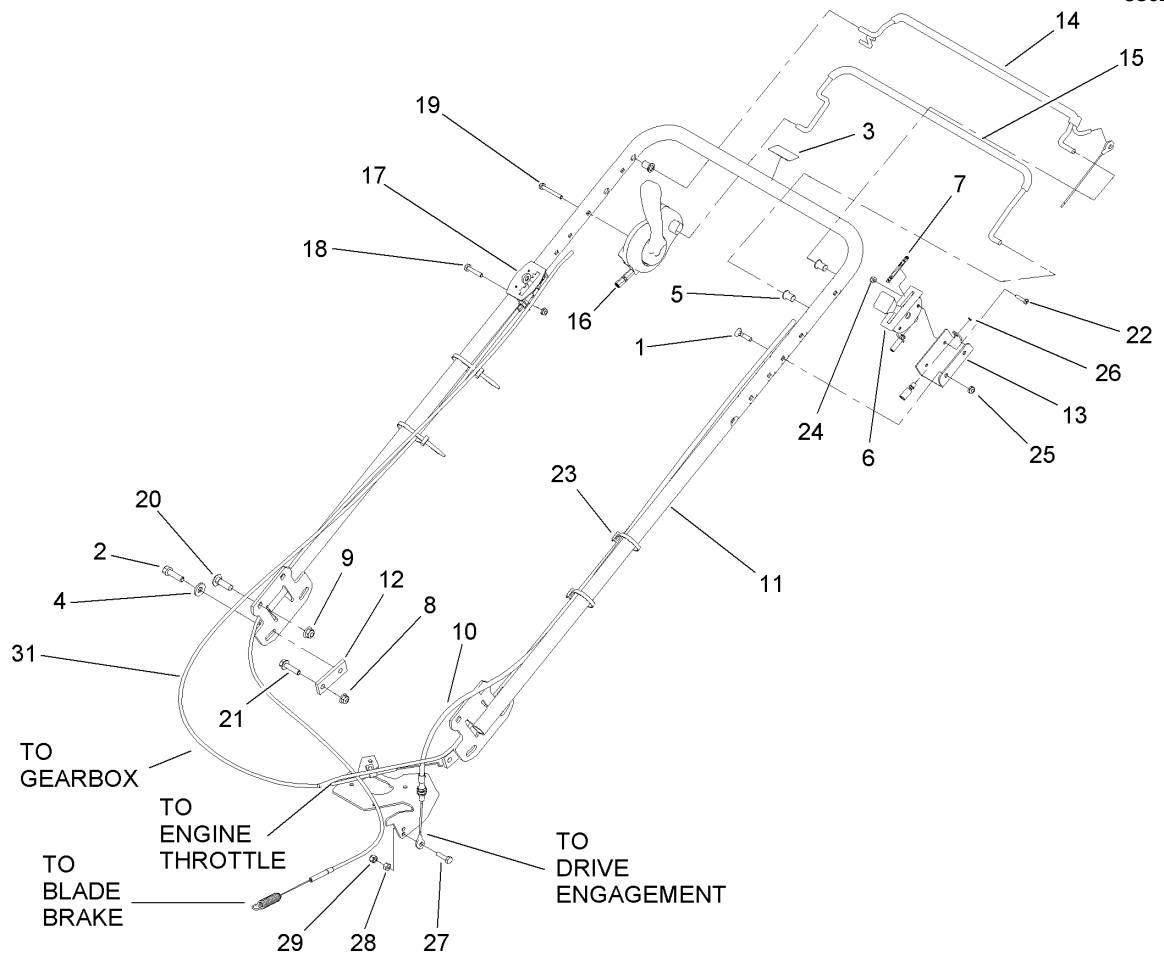
Housing Assembly

| Ref  | Part No.    | Qty. | Description                  |  |  |  |  |
|------|-------------|------|------------------------------|--|--|--|--|
| 7    | 116-0059-03 | 1    | Plate-Skid, 10 Gage          |  |  |  |  |
| 8    | 103-6145    | 8    | Screw                        |  |  |  |  |
| 9    | 103-6460    | 2    | Quadrant-Front               |  |  |  |  |
| 10   | 115-4240    | 1    | Deck ASM                     |  |  |  |  |
| 10:2 | 116-0336    | 1    | Cover-Access, Axle           |  |  |  |  |
| 10:3 | 107069      | 1    | Clip                         |  |  |  |  |
| 10:4 | 32144-10    | 1    | Screw-HWH                    |  |  |  |  |
| 10:5 | 112-8709    | 1    | Decal                        |  |  |  |  |
| 10:6 | 110-4978    | 1    | Decal-Danger                 |  |  |  |  |
| 10:7 | 112-9028    | 1    | Decal-Cover Missing          |  |  |  |  |
| 10:8 | 112-8760    | 1    | Decal-Danger                 |  |  |  |  |
| 11   | 103-8875    | 2    | Handle-Deck                  |  |  |  |  |
| 12   | 104-8301    | 4    | Nut-Flange, NI               |  |  |  |  |
| 15   | 116-1405    | 1    | Plastic Chute Kit (W/Screws) |  |  |  |  |
| 17   | 3256-24     | 4    | Washer-Flat                  |  |  |  |  |
| 25   | 116-1273-03 | 1    | Plate-Skid                   |  |  |  |  |
| 27   | 116-0606    | 2    | Screw-Torx                   |  |  |  |  |



Bag and Door Assembly

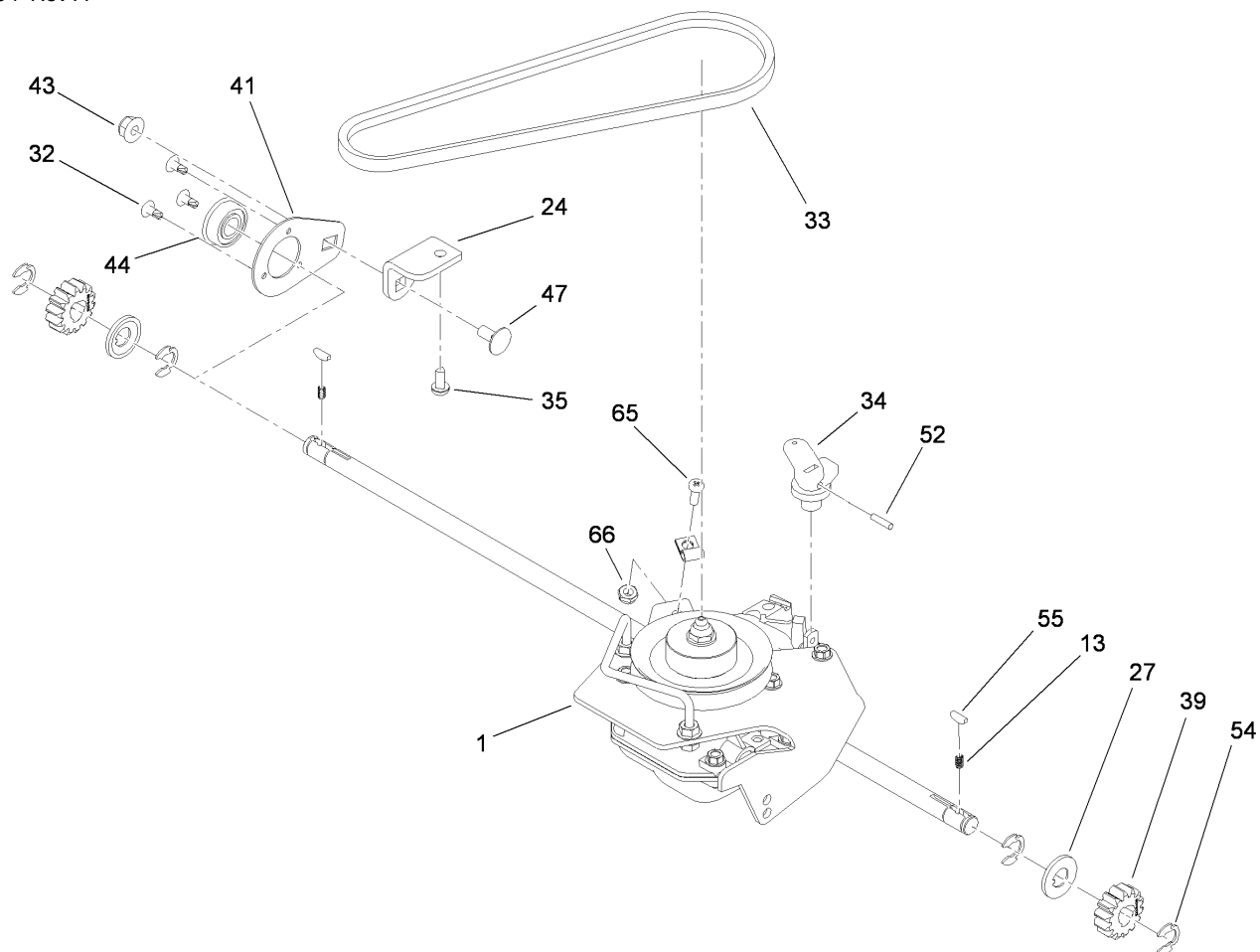
| Ref | Part No.    | Qty. | Description             |  |  |  |  |
|-----|-------------|------|-------------------------|--|--|--|--|
| 1   | 28-2450     | 2    | Washer-Plastic          |  |  |  |  |
| 2   | 37-8771     | 2    | Bolt-Shoulder           |  |  |  |  |
| 3   | 99-5293     | 1    | Spring-Torsion          |  |  |  |  |
| 4   | 112-9741    | 1    | Door ASM                |  |  |  |  |
| 4:2 | 110-4977    | 1    | Decal-Danger            |  |  |  |  |
| 4:3 | 115-4207    | 1    | Decal-Grease            |  |  |  |  |
| 5   | 103-8223-03 | 1    | Bracket-Mount, Bag/Door |  |  |  |  |
| 7   | 109-2445-03 | 1    | Frame-Bag               |  |  |  |  |
| 8   | 109-2453    | 1    | Rod-Pivot, Door         |  |  |  |  |
| 9   | 110-5029    | 1    | Grass Bag ASM           |  |  |  |  |
| 10  | 114-3413    | 1    | Cover-Spindle           |  |  |  |  |
| 11  | 32112-11    | 2    | Nut-Push                |  |  |  |  |
| 12  | 32144-86    | 1    | Screw-HWHTF             |  |  |  |  |
| 13  | 32144-70    | 3    | Screw-HWHTF             |  |  |  |  |



## Handle Assembly

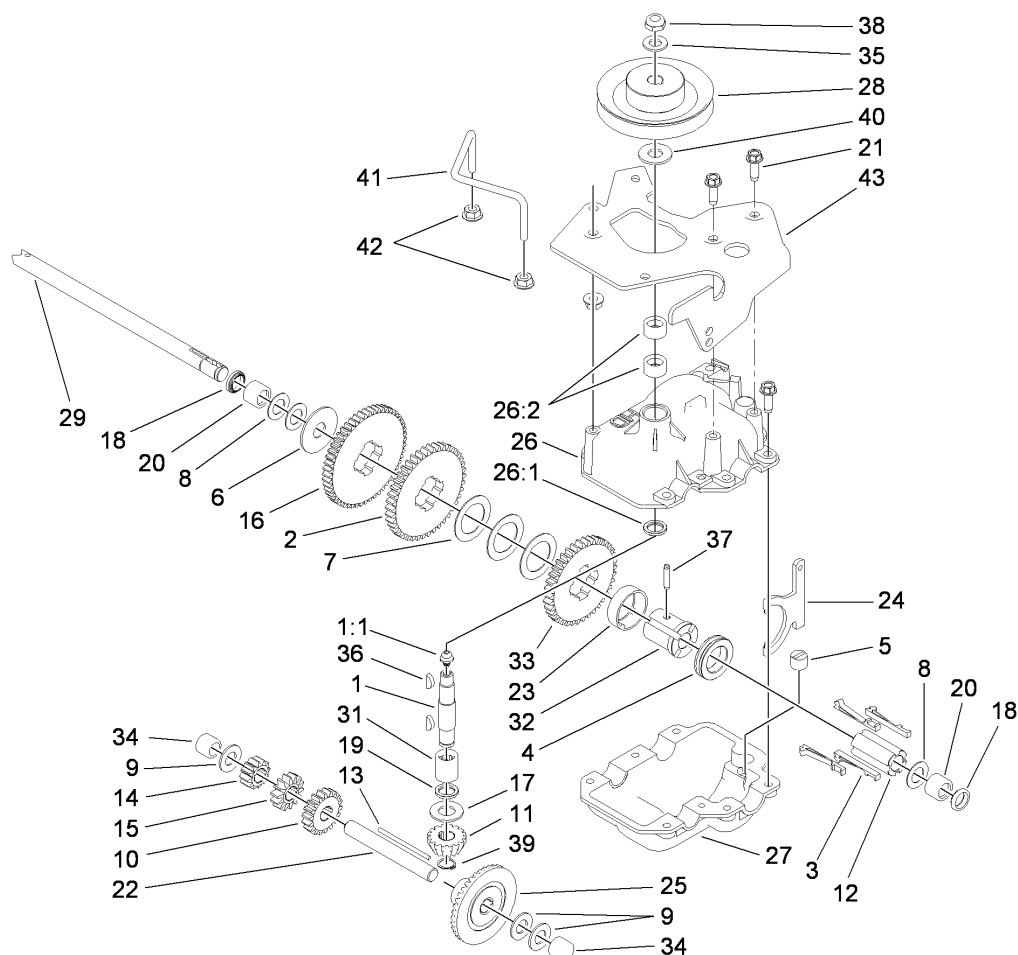
| Ref | Part No.    | Qty. | Description                 |
|-----|-------------|------|-----------------------------|
| 1   | 109-8144    | 2    | Bolt-Handle                 |
| 2   | 95-1727     | 2    | Screw-Taptite               |
| 3   | 98-4387     | 1    | Decal-Protection, Ear       |
| 4   | 98-5975     | 2    | Washer-Belleville           |
| 5   | 109-2713    | 3    | Bushing                     |
| 6   | 103-6123    | 1    | Control-Throttle            |
| 7   | 103-6328    | 1    | Decal-Throttle / Choke      |
| 8   | 104-8300    | 2    | Nut-Flange, NI              |
| 9   | 104-8301    | 2    | Nut-Flange, NI              |
| 10  | 109-2212    | 1    | Cable-Traction              |
| 11  | 109-2441-03 | 1    | Handle                      |
| 12  | 109-2643-03 | 2    | Nut-Handle                  |
| 13  | 109-2821-03 | 1    | Bracket-Control             |
| 14  | 116-0389    | 1    | Traction Bail With Grip ASM |
| 15  | 109-2826    | 1    | Bail-BBC (With Grip)        |
| 16  | 116-1079    | 1    | Control-BBC                 |
| 17  | 116-0504    | 1    | Control-Shift               |
| 18  | 321-8       | 2    | Screw-HH                    |
| 19  | 33113-045   | 1    | Screw-HH                    |
| 20  | 3231-25     | 2    | Screw-CARR                  |
| 21  | 3234-36     | 2    | Screw-HHF                   |
| 22  | 3250-27     | 2    | Screw-PPH                   |
| 23  | 3290-378    | 4    | Tie-Cable                   |
| 24  | 3296-2      | 2    | Nut-Lock, NI                |

| Ref | Part No. | Qty. | Description   |
|-----|----------|------|---------------|
| 25  | 3296-56  | 2    | Nut-Lock, NI  |
| 26  | 32151-86 | 1    | E-Ring        |
| 27  | 321-6    | 1    | Screw-HH      |
| 28  | 3217-5   | 1    | Nut-Hex       |
| 29  | 3296-42  | 1    | Nut-Lock, NI  |
| 31  | 109-4115 | 1    | Cable-Shifter |



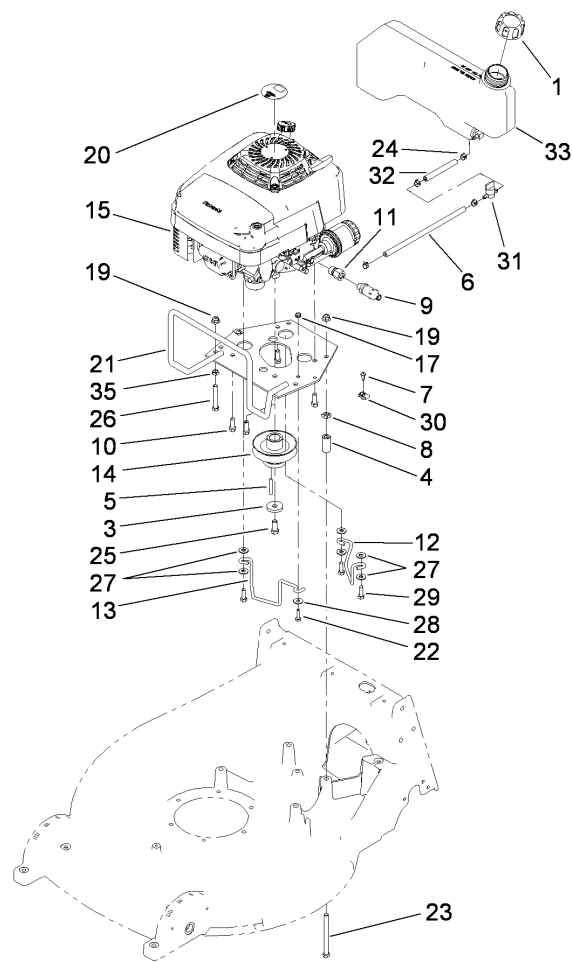
## Gear Case and Pinion Assembly

| Ref | Part No. | Qty. | Description             |  |  |  |  |
|-----|----------|------|-------------------------|--|--|--|--|
| 1   | 116-0786 | 1    | Gear Case ASM           |  |  |  |  |
| 13  | 39-9650  | 2    | Spring-Compression      |  |  |  |  |
| 24  | 116-0222 | 1    | Bracket-Bearing, Plated |  |  |  |  |
| 27  | 62-3830  | 2    | Washer-Thrust, Outer    |  |  |  |  |
| 32  | 92-9665  | 3    | Screw-TAP               |  |  |  |  |
| 33  | 103-6114 | 1    | Belt-V, Traction        |  |  |  |  |
| 34  | 103-6138 | 1    | Lever-Shift             |  |  |  |  |
| 35  | 32144-85 | 1    | Screw-HWH               |  |  |  |  |
| 39  | 103-6436 | 2    | Gear-Pinion, 14 Tooth   |  |  |  |  |
| 41  | 109-6612 | 1    | Plate-Bearing           |  |  |  |  |
| 43  | 104-8300 | 1    | Nut-Flange, NI          |  |  |  |  |
| 44  | 251-180  | 1    | Bearing-Ball            |  |  |  |  |
| 47  | 3230-23  | 1    | Screw-CARR              |  |  |  |  |
| 52  | 32121-99 | 1    | Pin-Coil                |  |  |  |  |
| 54  | 32151-68 | 4    | Ring-Retaining          |  |  |  |  |
| 55  | 612066   | 2    | Key                     |  |  |  |  |
| 65  | 3274-31  | 1    | Screw-HSBH              |  |  |  |  |
| 66  | 3296-56  | 1    | Nut-Lock, NI            |  |  |  |  |



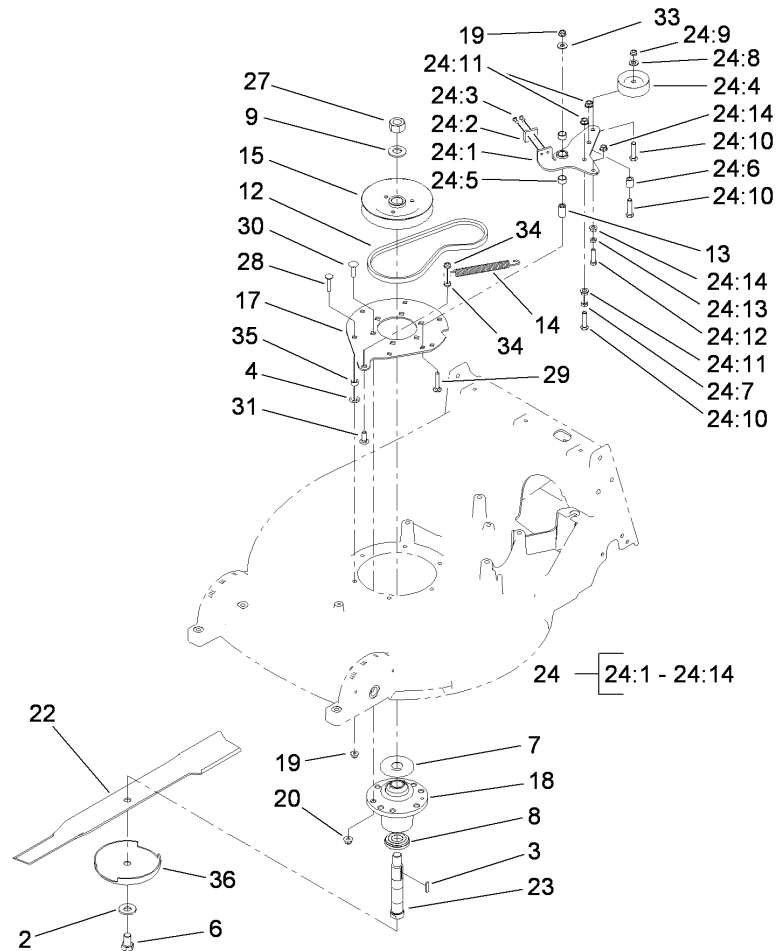
## Gear Case Assembly No. 116-0786

| Ref | Part No. | Qty. | Description        | Ref  | Part No.    | Qty. | Description              |
|-----|----------|------|--------------------|------|-------------|------|--------------------------|
| 1   | 13-5149  | 1    | Input Shaft ASM    | 24   | 60-8870     | 1    | Yoke-Shift               |
| 1:1 | 302-63   | 1    | Zerk               | 25   | 74-1760     | 1    | Gear-Bevel               |
| 2   | 29-9271  | 1    | Gear-42T           | 26   | 13-9739     | 1    | Upper Gearcase ASM       |
| 3   | 29-9330  | 4    | Key-Shift          | 26:1 | 47-7260     | 1    | Seal                     |
| 4   | 29-9340  | 1    | Collar-Shift       | 26:2 | 47-7270     | 2    | Bearing                  |
| 5   | 29-9570  | 1    | Bushing-Yoke       | 27   | 74-1920     | 1    | Case-Gear, Lower         |
| 6   | 29-9690  | 1    | Washer             | 28   | 103-6429    | 1    | Sheave                   |
| 7   | 36-4770  | 3    | Washer             | 29   | 103-6435    | 1    | Shaft-Axle               |
| 8   | 36-4780  | 3    | Washer-Plain       | 31   | 103-9773    | 1    | Bearing-Roller, Caged    |
| 9   | 36-4792  | 3    | Washer-Thrust      | 32   | 109-2642    | 1    | Sleeve-4 Dog             |
| 10  | 39-6650  | 1    | Gear-18T           | 33   | 109-3130    | 1    | Gear-38T (High Strength) |
| 11  | 39-6660  | 1    | Pinion-Bevel       | 34   | 252-103     | 2    | Bearing-Closed           |
| 12  | 39-6720  | 1    | Sleeve             | 35   | 3256-45     | 1    | Washer-Flat              |
| 13  | 39-7842  | 1    | Key                | 36   | 3257-1      | 2    | Key-Woodruff             |
| 14  | 46-3540  | 1    | Gear-12T           | 37   | 3285-19     | 1    | Pin-Groove               |
| 15  | 46-3550  | 1    | Gear-14T           | 38   | 3296-5      | 1    | Nut-Lock                 |
| 16  | 46-3560  | 1    | Gear               | 39   | 32151-57    | 1    | Ring-Retaining           |
| 17  | 47-2910  | 1    | Washer-Thrust      | 40   | 109-3614    | 1    | Washer                   |
| 18  | 47-6730  | 2    | Seal-Oil           | 41   | 103-8224    | 1    | Guide-Belt               |
| 19  | 47-7260  | 1    | Seal               | 42   | 32128-33    | 4    | Nut-HF                   |
| 20  | 48-2060  | 2    | Bearing-Roller     | 43   | 116-0339-03 | 1    | Bracket-Guide, Belt      |
| 21  | 49-2040  | 9    | Screw-HWHTF        |      |             |      |                          |
| 22  | 53-7950  | 1    | Shaft-Intermediate |      |             |      |                          |
| 23  | 55-8020  | 1    | Retainer-Key       |      |             |      |                          |



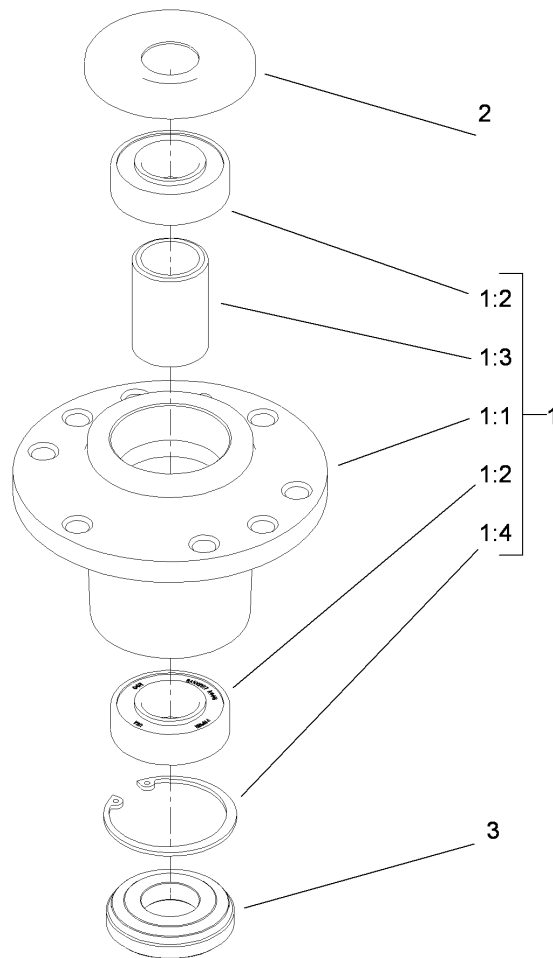
Engine Assembly

| Ref | Part No.    | Qty. | Description                  | Ref | Part No.  | Qty. | Description       |
|-----|-------------|------|------------------------------|-----|-----------|------|-------------------|
| 1   | 93-7198     | 1    | Gas Cap ASM                  | 28  | 3290-456  | 1    | Washer-Belleville |
| 3   | 1-543610    | 1    | Washer-Clutch                | 29  | 33114-025 | 3    | Screw-HH          |
| 4   | 116-1182    | 4    | Spacer                       | 30  | 107069    | 2    | Clip              |
| 5   | 7-0036      | 1    | Key-Square                   | 31  | 1-603770  | 1    | Valve-Fuel        |
| 6   | 109-0294    | 1    | Hose-Fuel                    | 32  | 109-0295  | 1    | Hose-Fuel         |
| 7   | 63-8590     | 2    | Screw                        | 33  | 109-3851  | 1    | Fuel Tank ASM     |
| 8   | 78-7170     | 4    | Ring-Retaining               | 35  | 3218-3    | 1    | Nut-Jam           |
| 9   | 92-6877     | 1    | Valve-Drain, Oil             |     |           |      |                   |
| 10  | 95-1726     | 4    | Screw-Taptite                |     |           |      |                   |
| 11  | 103-1966    | 1    | Adapter                      |     |           |      |                   |
| 12  | 116-0860    | 1    | Guide-Belt, Rear             |     |           |      |                   |
| 13  | 116-0859    | 1    | Guide-Belt, Front            |     |           |      |                   |
| 14  | 116-0822    | 1    | Sheave-Drive                 |     |           |      |                   |
| 15  | 110-5045    | 1    | Engine-Kawasaki, Fj180V-As64 |     |           |      |                   |
| 17  | 104-7201    | 1    | Nut-HF                       |     |           |      |                   |
| 19  | 104-8301    | 5    | Nut-Flange, NI               |     |           |      |                   |
| 20  | 110-0520    | 1    | Decal                        |     |           |      |                   |
| 21  | 116-0972-03 | 1    | Plate-Engine                 |     |           |      |                   |
| 22  | 321-6       | 1    | Screw-HH                     |     |           |      |                   |
| 23  | 323-23      | 4    | Screw-HH                     |     |           |      |                   |
| 24  | 2412-98     | 4    | Clamp                        |     |           |      |                   |
| 25  | 3212-4      | 1    | Screw-HH                     |     |           |      |                   |
| 26  | 323-12      | 1    | Screw-HH                     |     |           |      |                   |
| 27  | 3256-3      | 6    | Washer-Flat                  |     |           |      |                   |



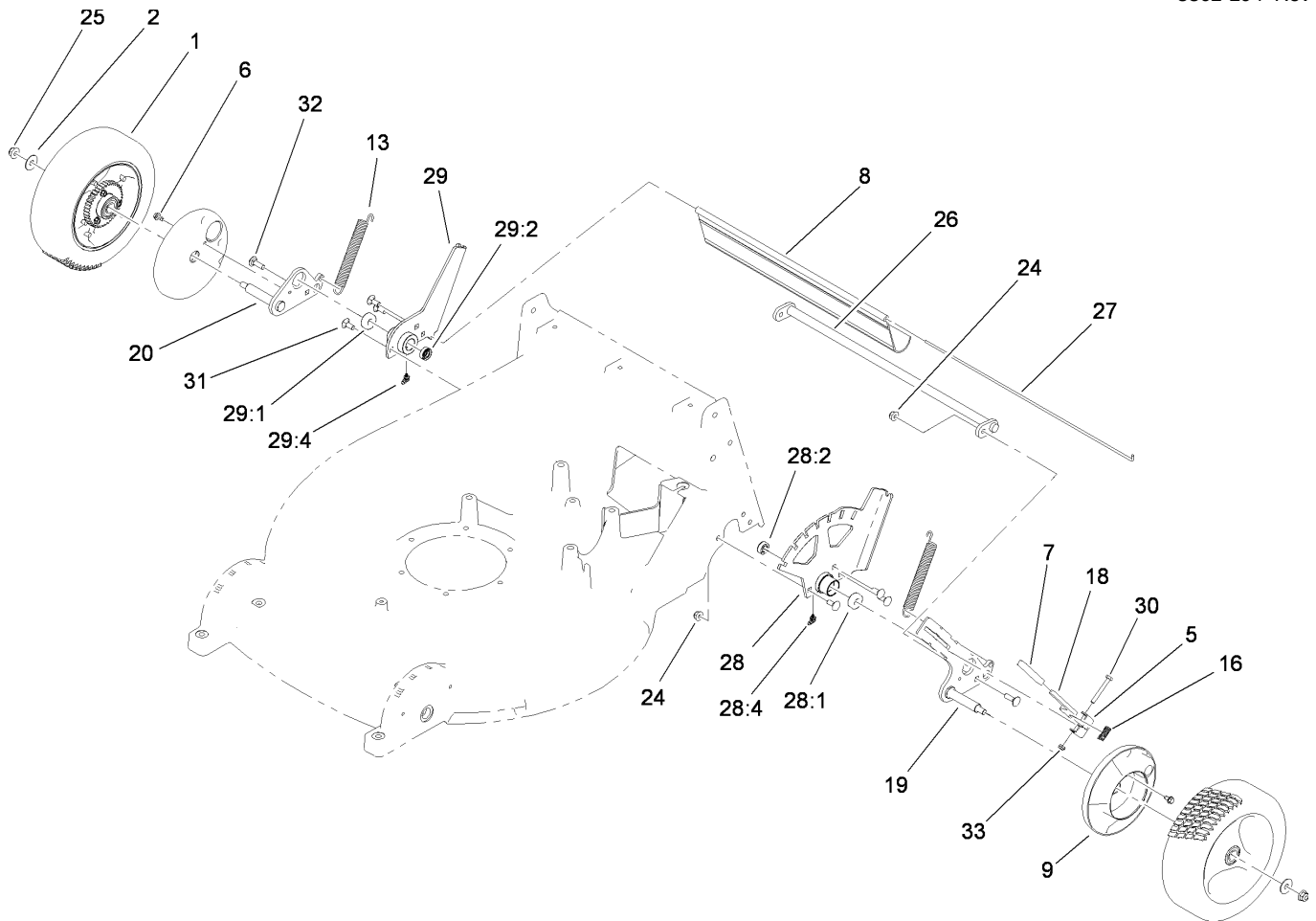
## Blade Drive Assembly

| Ref  | Part No.    | Qty. | Description                 | Ref   | Part No. | Qty. | Description     |
|------|-------------|------|-----------------------------|-------|----------|------|-----------------|
| 2    | 1-513208    | 1    | Washer-Spring               | 24:7  | 3218-3   | 2    | Nut-Jam         |
| 3    | 1-807268    | 1    | Key-Rectangle               | 24:8  | 3256-24  | 1    | Washer-Flat     |
| 4    | 78-7170     | 6    | Ring-Retaining              | 24:9  | 3296-59  | 1    | Nut-Lock, NI    |
| 6    | 103-1026    | 1    | Screw-Cap                   | 24:10 | 323-8    | 3    | Screw-HH        |
| 7    | 103-1330    | 1    | Guard-Bearing, Top          | 24:11 | 3290-357 | 3    | Nut-HHF, Whiz   |
| 8    | 103-2535    | 1    | Spacer-Guard, Bottom        | 24:12 | 1-403180 | 1    | Screw-HH        |
| 9    | 103-2802    | 1    | Washer                      | 24:13 | 3218-2   | 1    | Nut-Jam         |
| 12   | 116-0823    | 1    | Belt                        | 24:14 | 32128-20 | 2    | Nut-HF          |
| 13   | 103-7108    | 1    | Bushing-Arm, Idler          | 27    | 3217-46  | 1    | Nut-HH          |
| 14   | 103-7896    | 1    | Spring-Brake                | 28    | 3230-4   | 6    | Screw-CARR      |
| 15   | 116-0821    | 1    | Sheave-Split, Steel (W/Hub) | 29    | 116-0629 | 1    | Screw-CARR      |
| 17   | 116-0092-03 | 1    | Plate-Adapter, Housing      | 30    | 3231-28  | 6    | Screw-CARR      |
| 18   | 107-4065    | 1    | Cutter Housing ASM          | 31    | 3231-22  | 1    | Screw-CARR      |
| 19   | 104-8300    | 7    | Nut-Flange, NI              | 33    | 3256-3   | 1    | Washer-Flat     |
| 20   | 104-8301    | 6    | Nut-Flange, NI              | 34    | 3296-59  | 3    | Nut-Lock, NI    |
| 22   | 109-0343    | 1    | Blade                       | 35    | 111044   | 6    | Spacer          |
| 23   | 109-2650    | 1    | Shaft-Spindle               | 36    | 67-7561  | 1    | Cup-Scalp, Anti |
| 24   | 116-0096    | 1    | Idler Arm ASM               |       |          |      |                 |
| 24:1 | 116-0085-03 | 1    | Arm-Idler                   |       |          |      |                 |
| 24:2 | 116-0959    | 1    | Pad-Brake                   |       |          |      |                 |
| 24:3 | 103-0138    | 2    | Rivet-Pop                   |       |          |      |                 |
| 24:4 | 109-3546    | 1    | Pulley-Idler                |       |          |      |                 |
| 24:5 | 103-6111    | 2    | Bearing                     |       |          |      |                 |
| 24:6 | 1-633080    | 1    | Bushing-Lever, Lift         |       |          |      |                 |



# Cutter Housing Assembly No. 107-4065

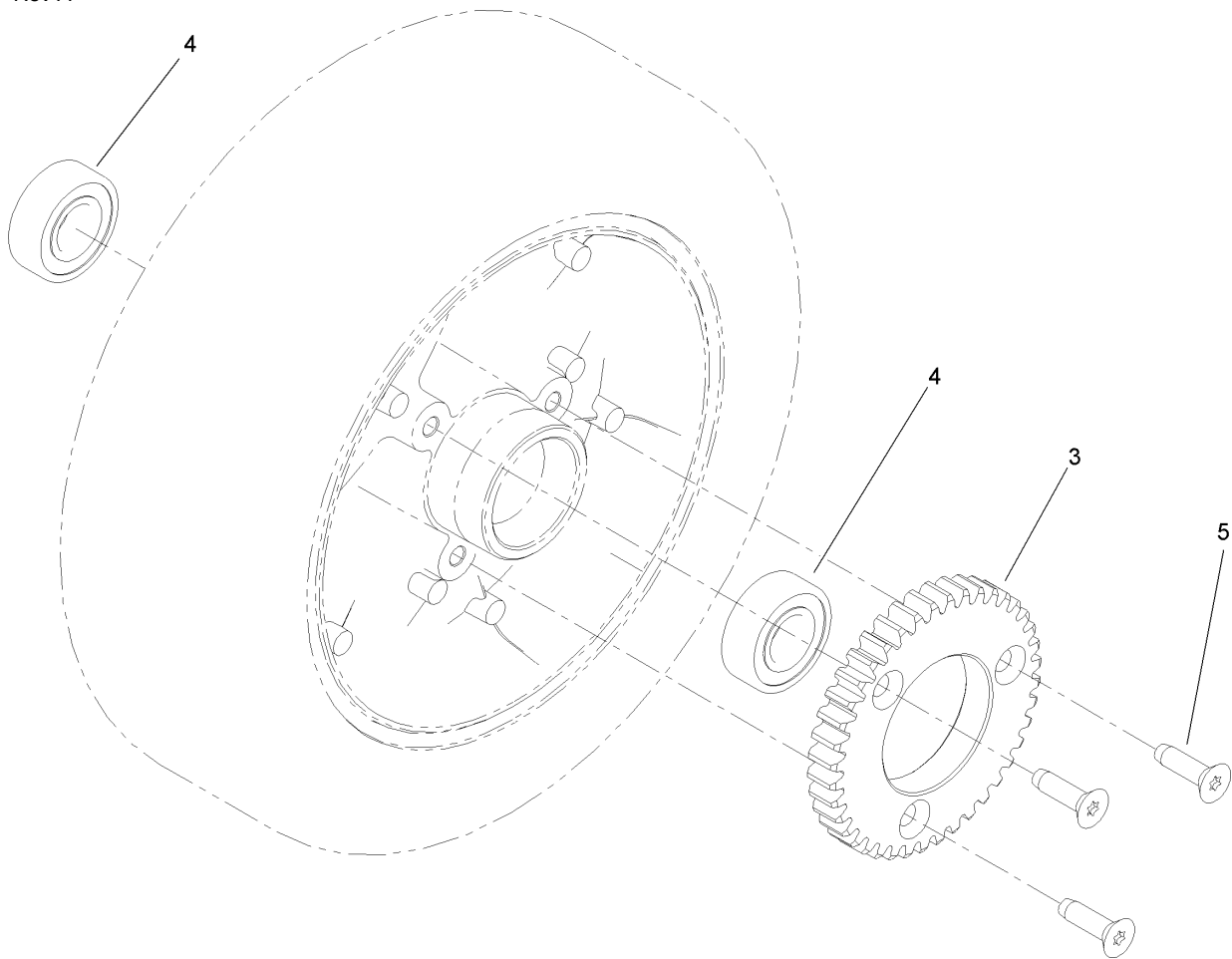
| Ref | Part No. | Qty. | Description          |  |  |  |  |
|-----|----------|------|----------------------|--|--|--|--|
| 1   |          | 1    | Housing-Cutter       |  |  |  |  |
| 1:1 | 103-7975 | 1    | Housing-Spindle      |  |  |  |  |
| 1:2 | 103-2477 | 2    | Bearing-Ball         |  |  |  |  |
| 1:3 | 103-2534 | 1    | Spacer-Bearing       |  |  |  |  |
| 1:4 | 32120-8  | 1    | Ring-Snap            |  |  |  |  |
| 2   | 103-1330 | 1    | Guard-Bearing, Top   |  |  |  |  |
| 3   | 103-2535 | 1    | Spacer-Guard, Bottom |  |  |  |  |



## Rear Wheel Assembly

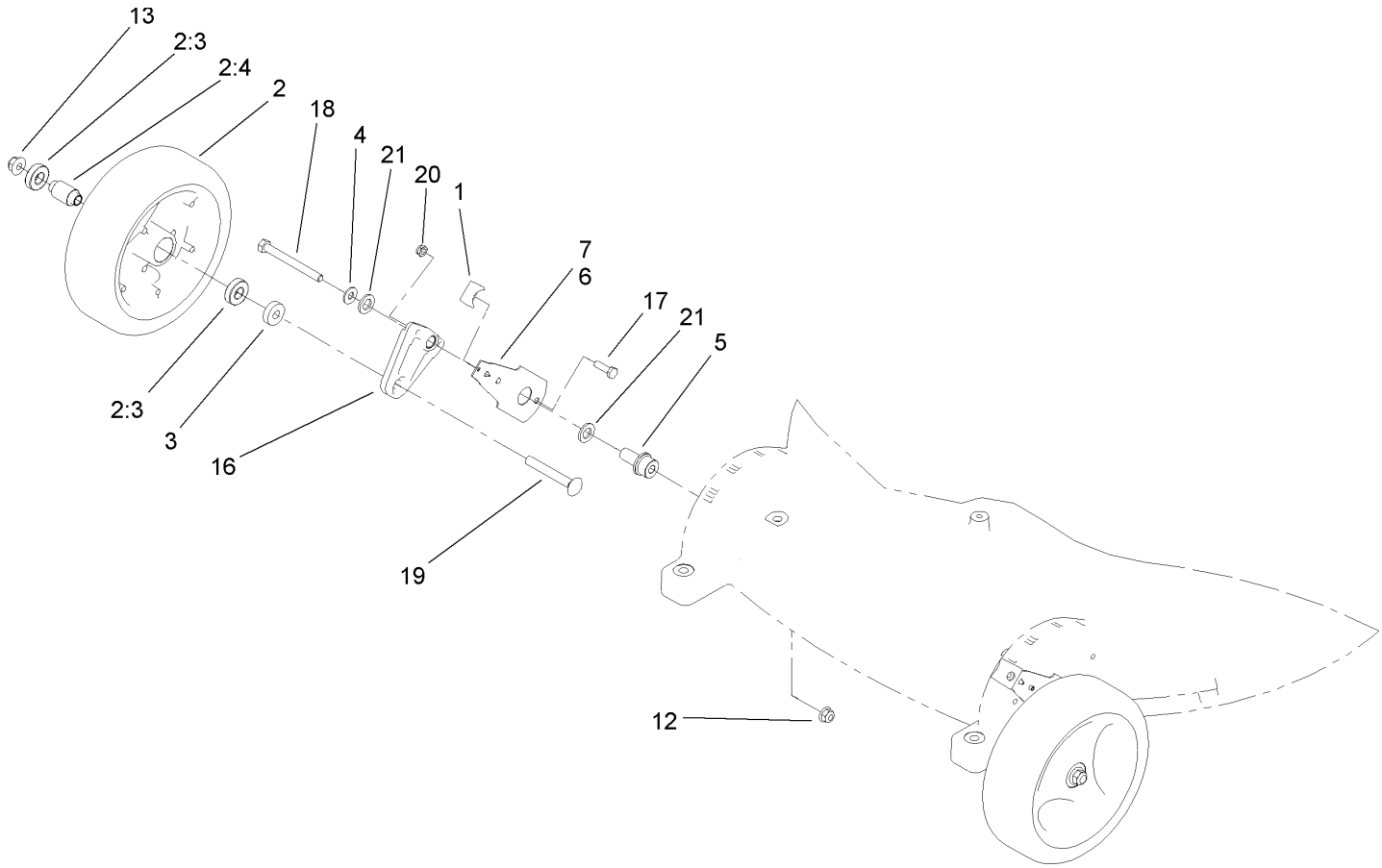
| Ref  | Part No.    | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 112-8707    | 2    | 10 Inch Wheel ASM      |
| 2    | 52-2860     | 2    | Washer                 |
| 5    | 103-6158    | 1    | Bracket-Pivot, Lift    |
| 6    | 12-3270     | 2    | Screw                  |
| 7    | 103-6165    | 1    | Cover-Handle           |
| 8    | 109-5974    | 1    | Shield-Rear            |
| 9    | 103-6441    | 2    | Cover-Gear             |
| 13   | 103-7659    | 2    | Spring-Assist, Lift    |
| 16   | 103-7897    | 1    | Spring-Latch           |
| 18   | 103-8226    | 1    | Lever-Lift             |
| 19   | 103-8227    | 1    | Arm-Axle, LH           |
| 20   | 103-8229    | 1    | Arm-Axle, RH           |
| 24   | 104-8300    | 8    | Nut-Flange, NI         |
| 25   | 104-8301    | 2    | Nut-Flange, NI         |
| 26   | 109-2456-03 | 1    | Rod-Torque             |
| 27   | 109-2458    | 1    | Rod-Shield             |
| 28   | 109-2833    | 1    | LH Bearing Support ASM |
| 28:1 | 103-6110    | 1    | Bearing-Axle, Rear     |
| 28:2 | 103-7654    | 1    | Seal-Axle              |
| 28:4 | 103-8864    | 1    | Fitting-Grease         |
| 29   | 109-2834    | 1    | RH Bearing Support ASM |
| 29:1 | 103-6110    | 1    | Bearing-Axle, Rear     |
| 29:2 | 103-7654    | 1    | Seal-Axle              |
| 29:4 | 103-8864    | 1    | Fitting-Grease         |

| Ref | Part No. | Qty. | Description  |
|-----|----------|------|--------------|
| 30  | 321-10   | 1    | Screw-HH     |
| 31  | 3230-1   | 6    | Bolt-CARR    |
| 32  | 3230-2   | 2    | Bolt-CARR    |
| 33  | 3296-56  | 1    | Nut-Lock, NI |



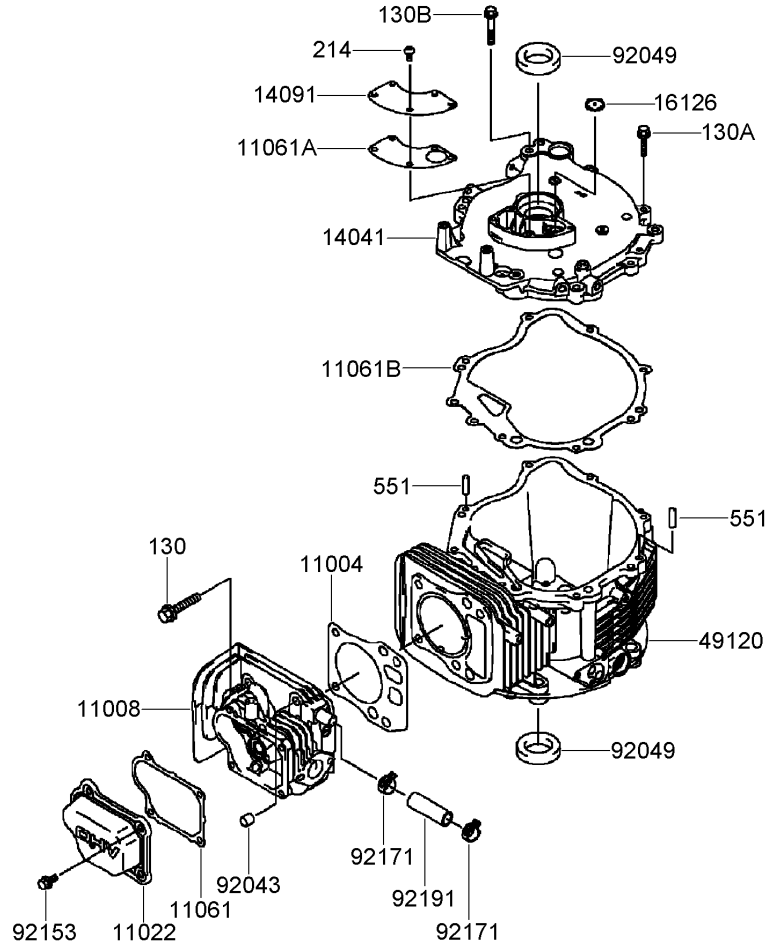
# Wheel Assembly No. 112-8707

| Ref | Part No. | Qty. | Description  |
|-----|----------|------|--------------|
| 3   | 103-6445 | 1    | Gear-Driven  |
| 4   | 103-6103 | 2    | Bearing-Ball |
| 5   | 116-0606 | 3    | Screw-Torx   |



Front Wheel Assembly

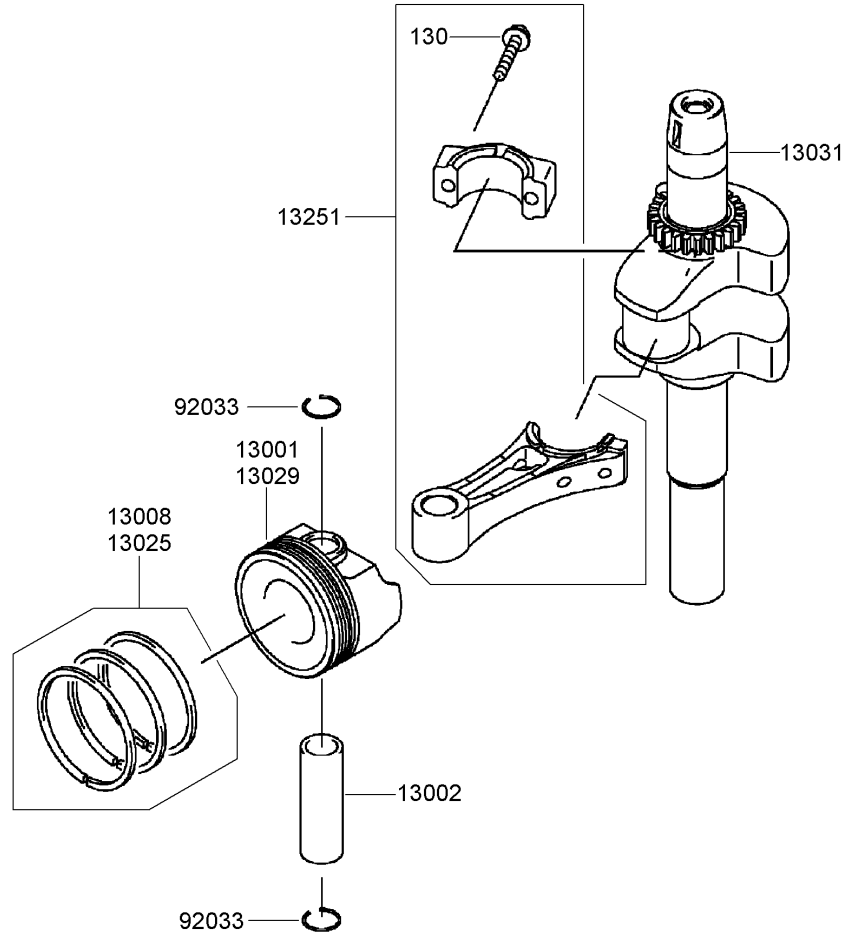
| Ref | Part No. | Qty. | Description             |  |  |  |  |
|-----|----------|------|-------------------------|--|--|--|--|
| 1   | 25-7740  | 2    | Knob-Arm                |  |  |  |  |
| 2   | 112-8706 | 2    | 8 Inch Wheel ASM        |  |  |  |  |
| 2:3 | 52-2450  | 2    | Bearing-Wheel           |  |  |  |  |
| 2:4 | 103-7649 | 1    | Spacer-Wheel, Front     |  |  |  |  |
| 3   | 62-6660  | 2    | Spacer                  |  |  |  |  |
| 4   | 98-3499  | 2    | Washer-Flat             |  |  |  |  |
| 5   | 109-6041 | 2    | Bushing-Pivot, Wheel    |  |  |  |  |
| 6   | 103-5847 | 1    | LH Front Spring Arm ASM |  |  |  |  |
| 7   | 103-5848 | 1    | RH Front Spring Arm ASM |  |  |  |  |
| 12  | 104-8300 | 2    | Nut-Flange, NI          |  |  |  |  |
| 13  | 104-8301 | 2    | Nut-Flange, NI          |  |  |  |  |
| 16  | 109-2843 | 2    | Front Pivot Arm ASM     |  |  |  |  |
| 17  | 321-5    | 2    | Screw-HH                |  |  |  |  |
| 18  | 322-20   | 2    | Screw-HH                |  |  |  |  |
| 19  | 3231-9   | 2    | Screw-CARR              |  |  |  |  |
| 20  | 3296-56  | 2    | Nut-Lock, NI            |  |  |  |  |
| 21  | 77-0350  | 4    | Washer-Thrust, Nylon    |  |  |  |  |



## Cylinder and Crankcase Assembly

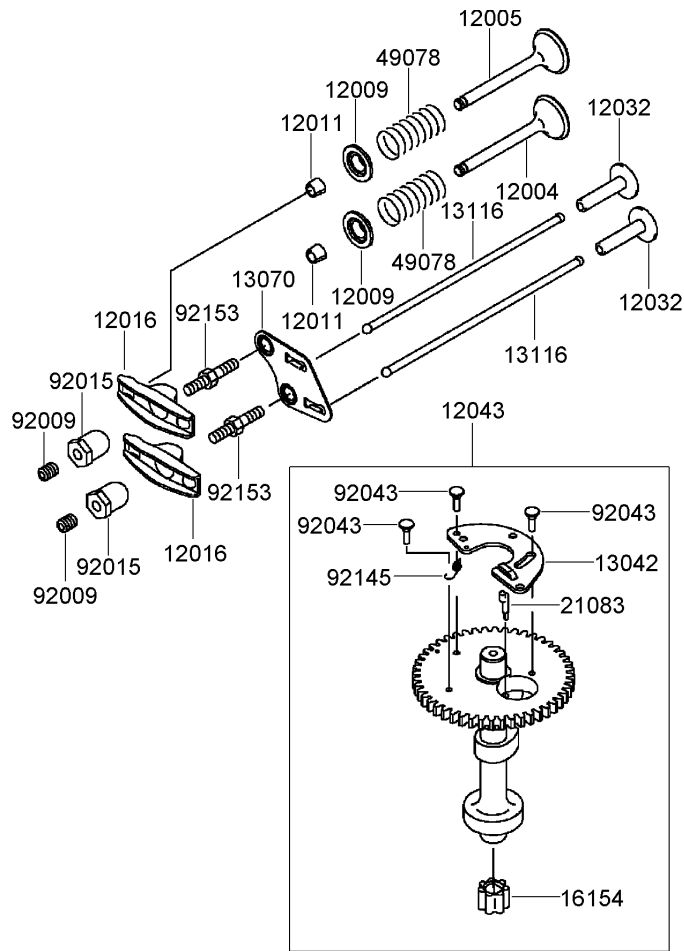
### Kawasaki FJ180V-AS64

| Ref     | Part No.   | Qty. | Description             |  |  |  |  |
|---------|------------|------|-------------------------|--|--|--|--|
| 211004  | 11004-7020 | 1    | Gasket-Head             |  |  |  |  |
| 211008  | 11008-7025 | 1    | Head-Cylinder           |  |  |  |  |
| 211022  | 11022-7005 | 1    | Case-Rocker             |  |  |  |  |
| 211061  | 11061-7023 | 1    | Gasket-Case, Rocker     |  |  |  |  |
| 211061A | 11061-7031 | 1    | Gasket-Breather         |  |  |  |  |
| 211061B | 11061-7060 | 1    | Gasket-Cover, Crankcase |  |  |  |  |
| 214041  | 14041-7009 | 1    | Cover                   |  |  |  |  |
| 214091  | 14091-7010 | 1    | Cover-Breather          |  |  |  |  |
| 216126  | 16126-7014 | 1    | Valve-Breather          |  |  |  |  |
| 249120  | 49120-7082 | 1    | Crankcase               |  |  |  |  |
| 292043  | 92043-7001 | 2    | Pin                     |  |  |  |  |
| 292049  | 92049-7008 | 2    | Seal-Oil (28-44-9 T C)  |  |  |  |  |
| 292153  | 92153-7043 | 4    | Bolt (6X12)             |  |  |  |  |
| 292171  | 92171-7024 | 2    | Clamp                   |  |  |  |  |
| 292191  | 92191-7025 | 1    | Tube (12X16X49)         |  |  |  |  |
| 2130    | 130CA0840  | 4    | Bolt-Flanged (8X40)     |  |  |  |  |
| 2130A   | 130G0625   | 7    | Bolt-Flanged (6X25)     |  |  |  |  |
| 2130B   | 130G0635   | 1    | Bolt-Flanged (6X35)     |  |  |  |  |
| 2214    | 214B0510   | 5    | Screw-Pan (5X10)        |  |  |  |  |
| 2551    | 551A0612   | 2    | Pin-Dowel (6X12)        |  |  |  |  |



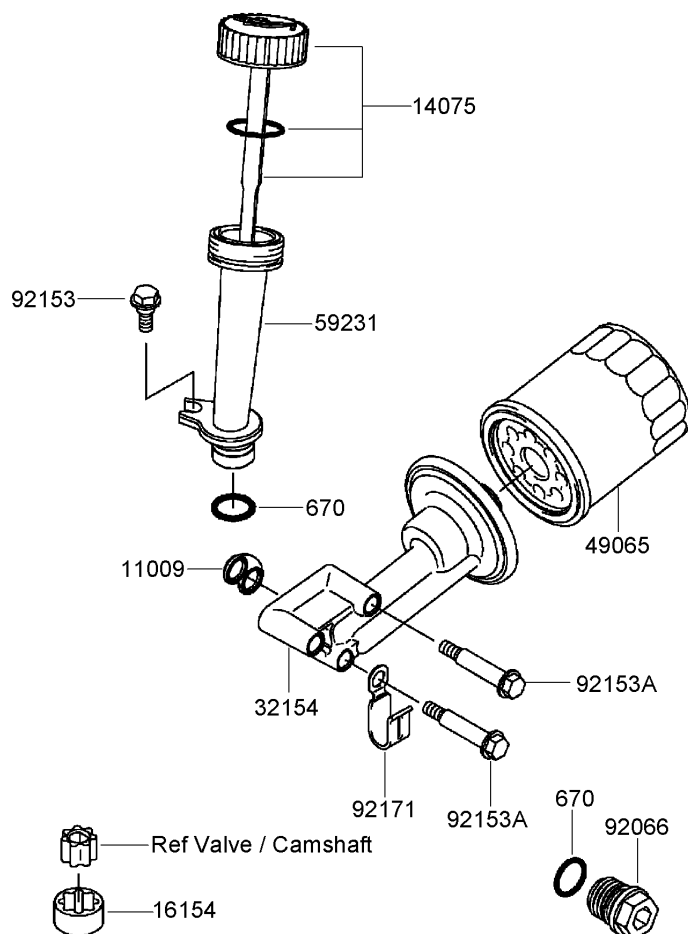
**Piston and Crankshaft Assembly**  
**Kawasaki FJ180V-AS64**

| Ref   | Part No.   | Qty. | Description              |  |  |  |  |
|-------|------------|------|--------------------------|--|--|--|--|
| 13001 | 13001-7022 | 1    | Piston-Engine            |  |  |  |  |
| 13002 | 13002-7001 | 1    | Pin-Piston               |  |  |  |  |
| 13008 | 13008-7002 | 1    | Piston Ring Set          |  |  |  |  |
| 13025 | 13025-7006 | 1    | Piston Ring Set (L 0.50) |  |  |  |  |
| 13029 | 13029-7005 | 1    | Piston-Engine (L 0.50)   |  |  |  |  |
| 13031 | 13031-7064 | 1    | Crankshaft               |  |  |  |  |
| 13251 | 13251-7011 | 1    | Connecting Rod ASM       |  |  |  |  |
| 92033 | 92033-7002 | 2    | Ring-Snap                |  |  |  |  |
| 130   | 130G0630   | 2    | Bolt-Flanged (6X30)      |  |  |  |  |



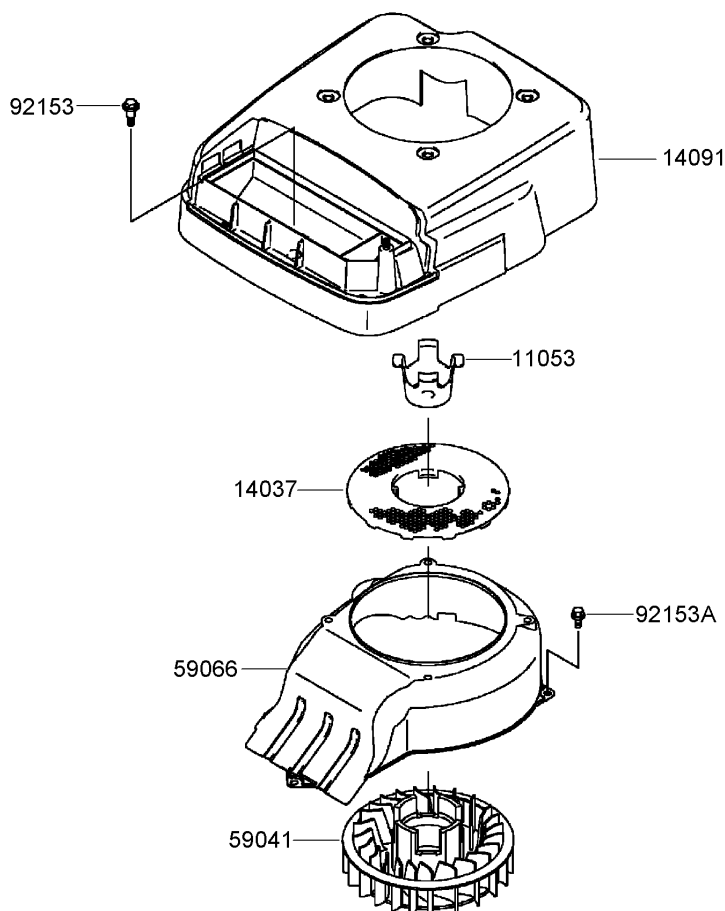
# **Valve and Camshaft Assembly** **Kawasaki FJ180V-AS64**

| Ref    | Part No.   | Qty. | Description            |  |  |  |  |
|--------|------------|------|------------------------|--|--|--|--|
| ②12004 | 12004-7005 | 1    | Valve-Intake           |  |  |  |  |
| ②12005 | 12005-7006 | 1    | Valve-Exhaust          |  |  |  |  |
| ②12009 | 12009-7001 | 2    | Retainer-Spring, Valve |  |  |  |  |
| ②12011 | 12011-2056 | 4    | Collet                 |  |  |  |  |
| ②12016 | 12016-7008 | 2    | Arm-Rocker             |  |  |  |  |
| ②12032 | 12032-7001 | 2    | Tappet                 |  |  |  |  |
| ②12043 | 12043-7005 | 1    | Camshaft Valve ASM     |  |  |  |  |
| ②13042 | 13042-7006 | 1    | Weight                 |  |  |  |  |
| ②13070 | 13070-7009 | 1    | Guide                  |  |  |  |  |
| ②13116 | 13116-7003 | 2    | Rod-Push               |  |  |  |  |
| ②16154 | 16154-7004 | 1    | Rotor-Pump             |  |  |  |  |
| ②21083 | 21083-7009 | 1    | Arm                    |  |  |  |  |
| ②49078 | 49078-7001 | 2    | Spring-Valve, Engine   |  |  |  |  |
| ②92009 | 92009-2341 | 2    | Screw                  |  |  |  |  |
| ②92015 | 92015-2253 | 2    | Nut                    |  |  |  |  |
| ②92043 | 92043-7006 | 3    | Pin                    |  |  |  |  |
| ②92145 | 92145-7016 | 1    | Spring                 |  |  |  |  |
| ②92153 | 92153-7019 | 2    | Bolt                   |  |  |  |  |



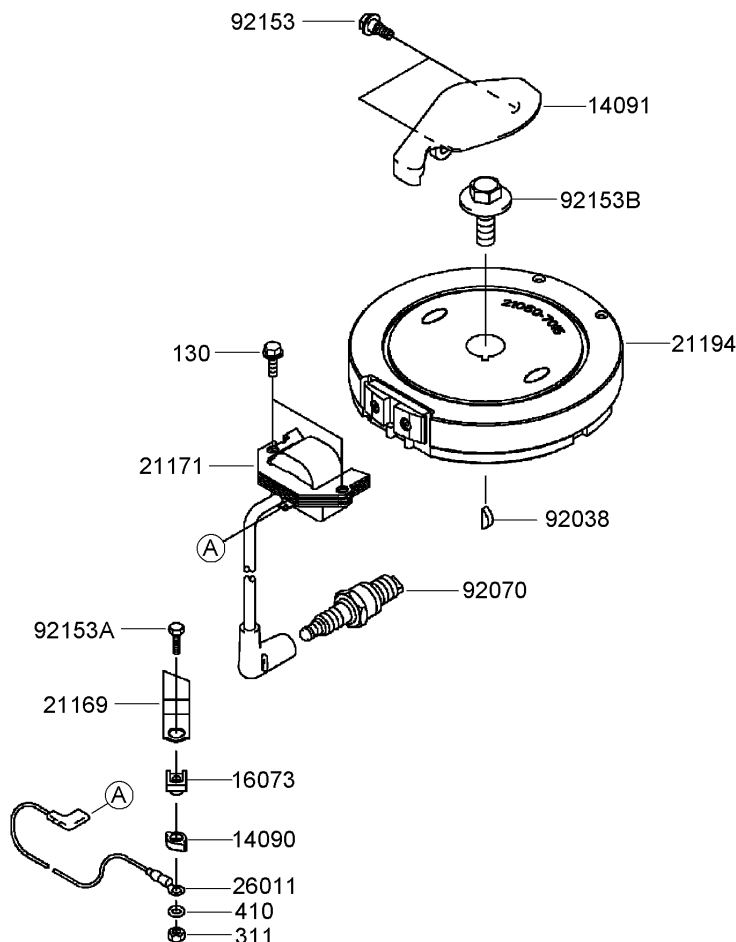
# Lubrication Equipment Assembly Kawasaki FJ180V-AS64

| Ref     | Part No.   | Qty. | Description   |  |  |  |  |
|---------|------------|------|---------------|--|--|--|--|
| ②11009  | 11009-2860 | 1    | Gasket        |  |  |  |  |
| ②14075  | 14075-7007 | 1    | Cap ASM       |  |  |  |  |
| ②16154  | 16154-7002 | 1    | Rotor-Pump    |  |  |  |  |
| ②32154  | 32154-7018 | 1    | Pipe          |  |  |  |  |
| ②49065  | 49065-2078 | 1    | Filter-Oil    |  |  |  |  |
| ②59231  | 59231-7004 | 1    | Filler        |  |  |  |  |
| ②92066  | 92066-7003 | 1    | Plug          |  |  |  |  |
| ②92153  | 92153-7007 | 1    | Bolt          |  |  |  |  |
| ②92153A | 92153-7028 | 3    | Bolt          |  |  |  |  |
| ②92171  | 92171-7008 | 1    | Clamp         |  |  |  |  |
| ②670    | 670D2016   | 2    | O-Ring (16Mm) |  |  |  |  |



# Cooling Equipment Assembly Kawasaki FJ180V-AS64

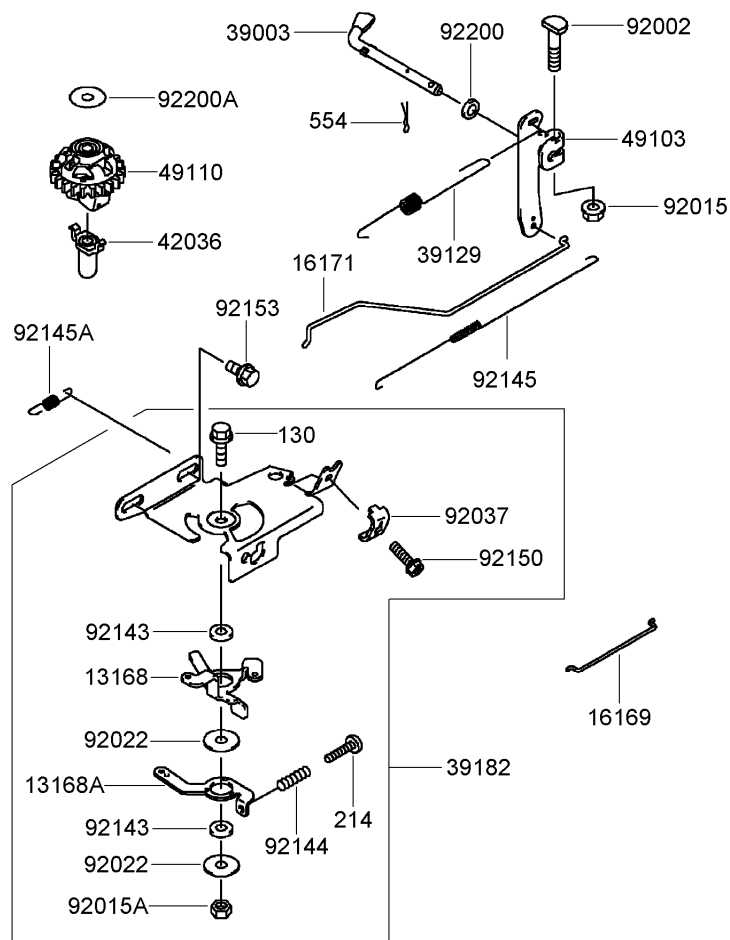
| Ref     | Part No.   | Qty. | Description |  |  |  |  |
|---------|------------|------|-------------|--|--|--|--|
| ②11053  | 11053-7009 | 1    | Bracket-Fan |  |  |  |  |
| ②14037  | 14037-7017 | 1    | Screen      |  |  |  |  |
| ②14091  | 14091-7046 | 1    | Cover       |  |  |  |  |
| ②59041  | 59041-7009 | 1    | Fan         |  |  |  |  |
| ②59066  | 59066-7016 | 1    | Housing-Fan |  |  |  |  |
| ②92153  | 92153-7008 | 1    | Bolt        |  |  |  |  |
| ②92153A | 92153-7043 | 1    | Bolt (6X12) |  |  |  |  |



# Electric Equipment Assembly

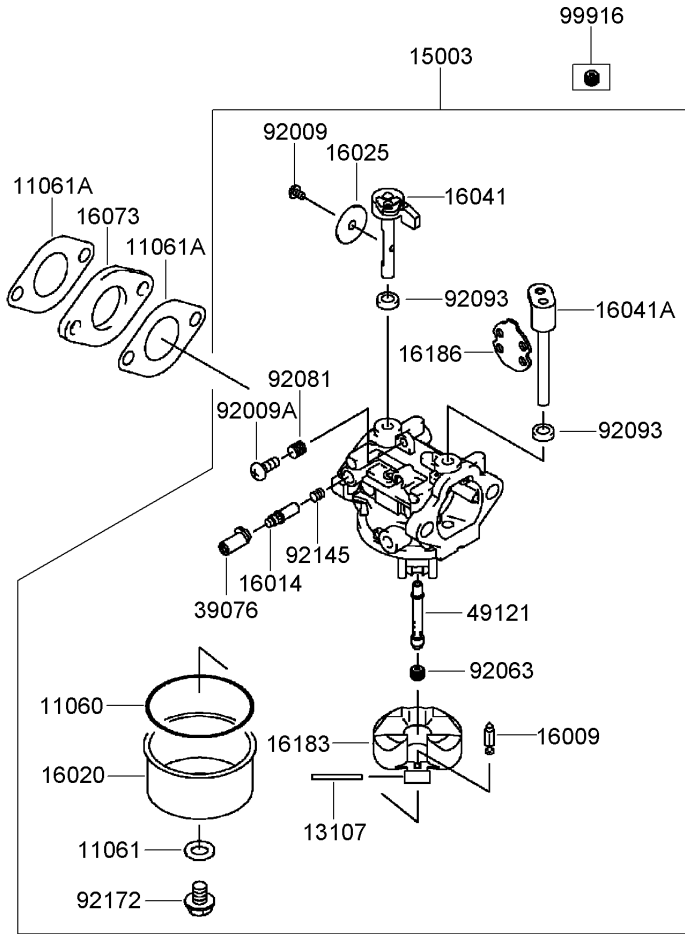
## Kawasaki FJ180V-AS64

| Ref     | Part No.   | Qty. | Description                             |  |  |  |  |
|---------|------------|------|-----------------------------------------|--|--|--|--|
| ②14090  | 14090-2108 | 1    | Cover                                   |  |  |  |  |
| ②14091  | 14091-7036 | 1    | Cover                                   |  |  |  |  |
| ②16073  | 16073-2192 | 1    | Insulator                               |  |  |  |  |
| ②21169  | 21169-2071 | 1    | Terminal                                |  |  |  |  |
| ②21171  | 21171-7030 | 1    | Ignition Coil ASM                       |  |  |  |  |
| ②21194  | 21194-7024 | 1    | Flywheel                                |  |  |  |  |
| ②26011  | 26011-7013 | 1    | Wire-Lead                               |  |  |  |  |
| ②92038  | 92038-2077 | 1    | Key                                     |  |  |  |  |
| ②92070  | 92070-2088 | 1    | Spark Plug, B P R 5E S (N G K)<br>Solid |  |  |  |  |
| ②92153  | 92153-7007 | 2    | Bolt                                    |  |  |  |  |
| ②92153A | 92153-7012 | 1    | Bolt (4X16)                             |  |  |  |  |
| ②92153B | 92153-7030 | 1    | Bolt (12X30)                            |  |  |  |  |
| ②130    | 130B0620   | 2    | Bolt-Flanged (6X20)                     |  |  |  |  |
| ②311    | 311B0400   | 1    | Nut-Hex (4Mm)                           |  |  |  |  |
| ②410    | 410B0400   | 1    | Washer-Plain, S (4Mm)                   |  |  |  |  |



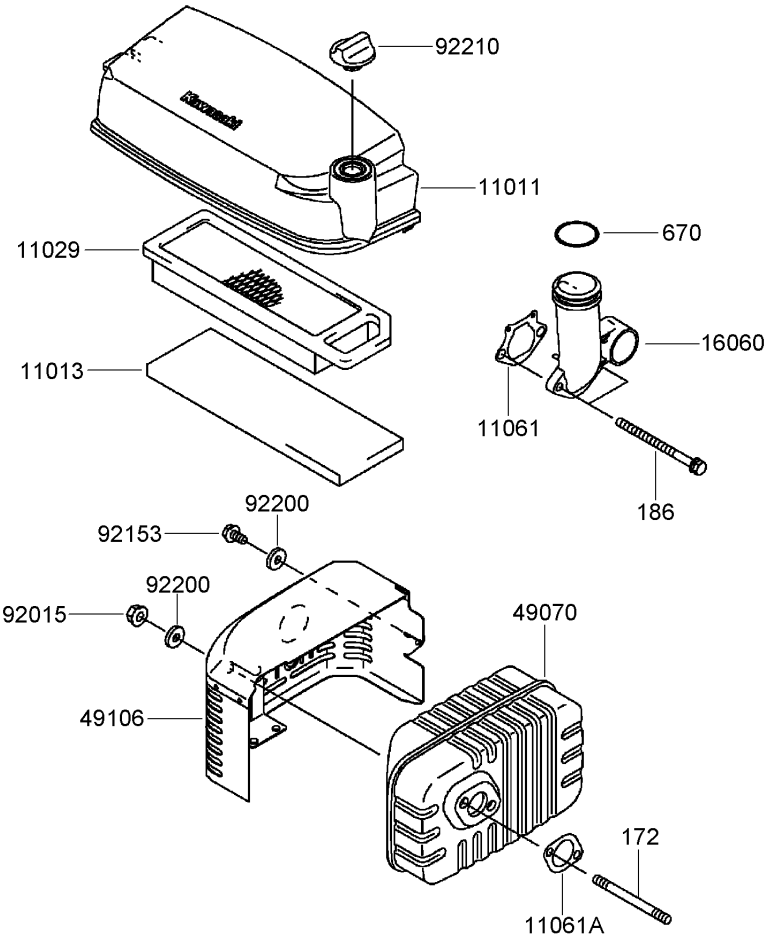
## Control Equipment Assembly Kawasaki FJ180V-AS64

| Ref     | Part No.   | Qty. | Description           | Ref  | Part No. | Qty. | Description         |
|---------|------------|------|-----------------------|------|----------|------|---------------------|
| ②13168  | 13168-7020 | 1    | Lever                 | ②214 | 214B0420 | 1    | Screw-Pan +- (4X20) |
| ②13168A | 13168-7022 | 1    | Lever                 | ②554 | 554A0600 | 1    | Pin-Snap (1.2X21.2) |
| ②16169  | 16169-7011 | 1    | Link-Choke            |      |          |      |                     |
| ②16171  | 16171-7015 | 1    | Link-Throttle         |      |          |      |                     |
| ②39003  | 39003-7002 | 1    | Arm-Pivot             |      |          |      |                     |
| ②39129  | 39129-7014 | 1    | Spring-Governor       |      |          |      |                     |
| ②39182  | 39182-7005 | 1    | Control Panel ASM     |      |          |      |                     |
| ②42036  | 42036-2051 | 1    | Sleeve                |      |          |      |                     |
| ②49103  | 49103-7005 | 1    | Arm-Governor          |      |          |      |                     |
| ②49110  | 49110-7002 | 1    | Governor ASM          |      |          |      |                     |
| ②92002  | 92002-2269 | 1    | Bolt (6X28)           |      |          |      |                     |
| ②92015  | 92015-1193 | 1    | Nut                   |      |          |      |                     |
| ②92015A | 92015-2051 | 1    | Nut                   |      |          |      |                     |
| ②92022  | 92022-2372 | 2    | Washer (6X19X1.2)     |      |          |      |                     |
| ②92037  | 92037-2209 | 1    | Clamp                 |      |          |      |                     |
| ②92143  | 92143-2135 | 2    | Collar (6X13X2.3)     |      |          |      |                     |
| ②92144  | 92144-2266 | 1    | Spring                |      |          |      |                     |
| ②92145  | 92145-7025 | 1    | Spring-Throttle       |      |          |      |                     |
| ②92145A | 92145-7032 | 1    | Spring                |      |          |      |                     |
| ②92150  | 92150-2182 | 1    | Bolt (5X18)           |      |          |      |                     |
| ②92153  | 92153-7043 | 2    | Bolt (6X12)           |      |          |      |                     |
| ②92200  | 92200-2029 | 1    | Washer (6.5X11.5X2.0) |      |          |      |                     |
| ②92200A | 92200-2036 | 1    | Washer (6.2X20X0.5)   |      |          |      |                     |
| ②130    | 130B0618   | 1    | Bolt-Flanged          |      |          |      |                     |



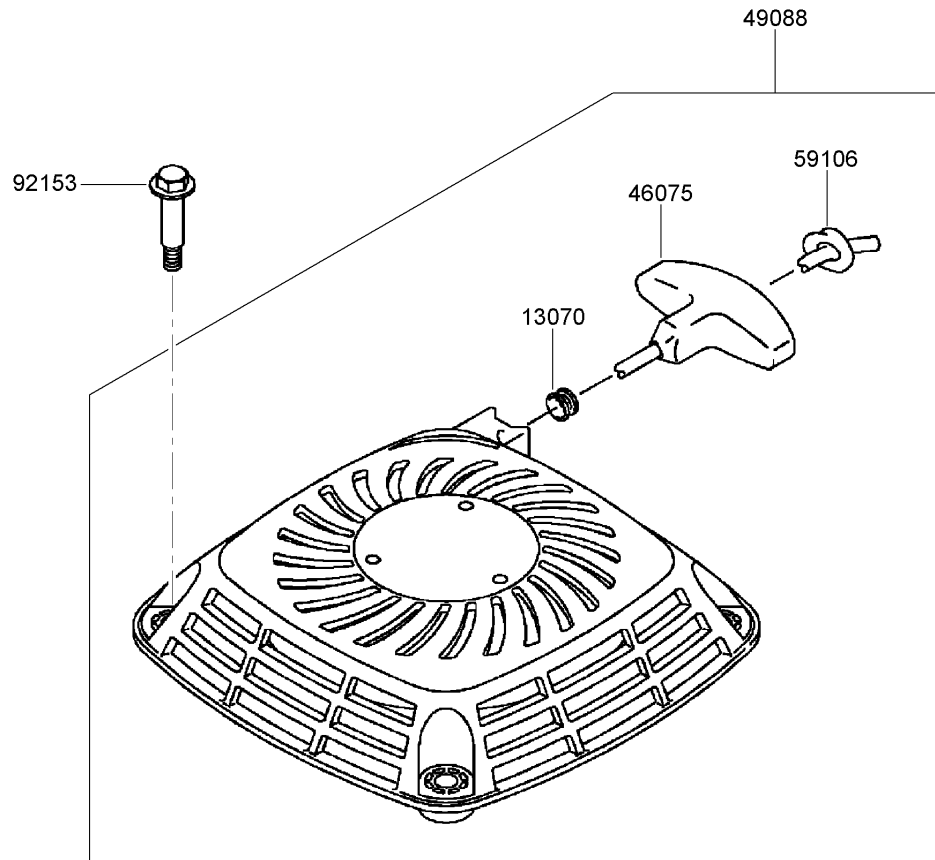
**Carburetor Assembly**  
**Kawasaki FJ180V-AS64**

| Ref     | Part No.   | Qty. | Description              |  |  |  |  |
|---------|------------|------|--------------------------|--|--|--|--|
| ❶11060  | 11060-2190 | 1    | Gasket                   |  |  |  |  |
| ❶11061  | 11061-7010 | 1    | Gasket-Screw             |  |  |  |  |
| ❶11061A | 11061-7015 | 2    | Gasket-Insulator         |  |  |  |  |
| ❶13107  | 13107-7024 | 1    | Shaft                    |  |  |  |  |
| ❶15003  | 15003-7132 | 1    | Carburetor ASM           |  |  |  |  |
| ❶16009  | 16009-2136 | 1    | Needle-Jet               |  |  |  |  |
| ❶16014  | 16014-7008 | 1    | Screw-Air, Pilot         |  |  |  |  |
| ❶16020  | 16020-7004 | 1    | Chamber-Float            |  |  |  |  |
| ❶16025  | 16025-7007 | 1    | Valve-Throttle           |  |  |  |  |
| ❶16041  | 16041-7019 | 1    | Shaft-Carburetor         |  |  |  |  |
| ❶16041A | 16041-7020 | 1    | Shaft-Carburetor         |  |  |  |  |
| ❶16073  | 16073-7006 | 1    | Insulator                |  |  |  |  |
| ❶16183  | 16183-2002 | 1    | Float ASM                |  |  |  |  |
| ❶16186  | 16186-7003 | 1    | Choke Valve ASM          |  |  |  |  |
| ❶39076  | 39076-7001 | 1    | Limiter                  |  |  |  |  |
| ❶49121  | 49121-7008 | 1    | Nozzle-Main              |  |  |  |  |
| ❶92009  | 92009-2083 | 1    | Screw                    |  |  |  |  |
| ❶92009A | 92009-2349 | 1    | Screw                    |  |  |  |  |
| ❶92063  | 92063-7049 | 1    | Jet-Main, No. 74         |  |  |  |  |
| ❶92081  | 92081-2234 | 1    | Spring                   |  |  |  |  |
| ❶92093  | 92093-2100 | 2    | Seal                     |  |  |  |  |
| ❶92145  | 92145-7015 | 1    | Spring                   |  |  |  |  |
| ❶92172  | 92172-7002 | 1    | Screw                    |  |  |  |  |
| ❶99916  | 99916-7007 | 1    | Main Jet K H I Parts Kit |  |  |  |  |



**Air Filter and Muffler Assembly**  
**Kawasaki FJ180V-AS64**

| Ref     | Part No.   | Qty. | Description            |  |  |  |  |
|---------|------------|------|------------------------|--|--|--|--|
| ②11011  | 11011-7028 | 1    | Case-Filter, Air       |  |  |  |  |
| ②11013  | 11013-7032 | 1    | Element-Filter, Air    |  |  |  |  |
| ②11029  | 11029-7021 | 1    | Air Filter Element ASM |  |  |  |  |
| ②11061  | 11061-7012 | 1    | Gasket-Pipe, Intake    |  |  |  |  |
| ②11061A | 11061-7029 | 1    | Gasket-Muffler         |  |  |  |  |
| ②16060  | 16060-7012 | 1    | Pipe-Intake            |  |  |  |  |
| ②49070  | 49070-7022 | 1    | Muffler                |  |  |  |  |
| ②49106  | 49106-7019 | 1    | Cover-Muffler          |  |  |  |  |
| ②92015  | 92015-1193 | 2    | Nut                    |  |  |  |  |
| ②92153  | 92153-7022 | 1    | Bolt (6X12)            |  |  |  |  |
| ②92200  | 92200-7043 | 3    | Washer (6.4X17X3)      |  |  |  |  |
| ②92210  | 92210-7019 | 1    | Nut                    |  |  |  |  |
| ②172    | 172G0680   | 2    | Bolt-Stud (6X80)       |  |  |  |  |
| ②186    | 186B0680   | 2    | Bolt-Upset, Wp (6X80)  |  |  |  |  |
| ②670    | 670B3032   | 1    | O-Ring (32Mm)          |  |  |  |  |



# Starter Assembly Kawasaki FJ180V-AS64

| Ref    | Part No.   | Qty. | Description    |
|--------|------------|------|----------------|
| ②13070 | 13070-7015 | 1    | Guide          |
| ②46075 | 46075-7002 | 1    | Grip           |
| ②49088 | 49088-7022 | 1    | Starter-Recoil |
| ②59106 | 59106-7006 | 1    | Rope (1500Mm)  |
| ②92153 | 92153-7021 | 4    | Bolt (M6)      |



## NOTES

## NOTES

## NOTES

