Form No. 3327–420

# Mid–Size Mower

## ProLine Gear 12.5hp with 32” Side Discharge Mower

**Model No. 30171—220000001 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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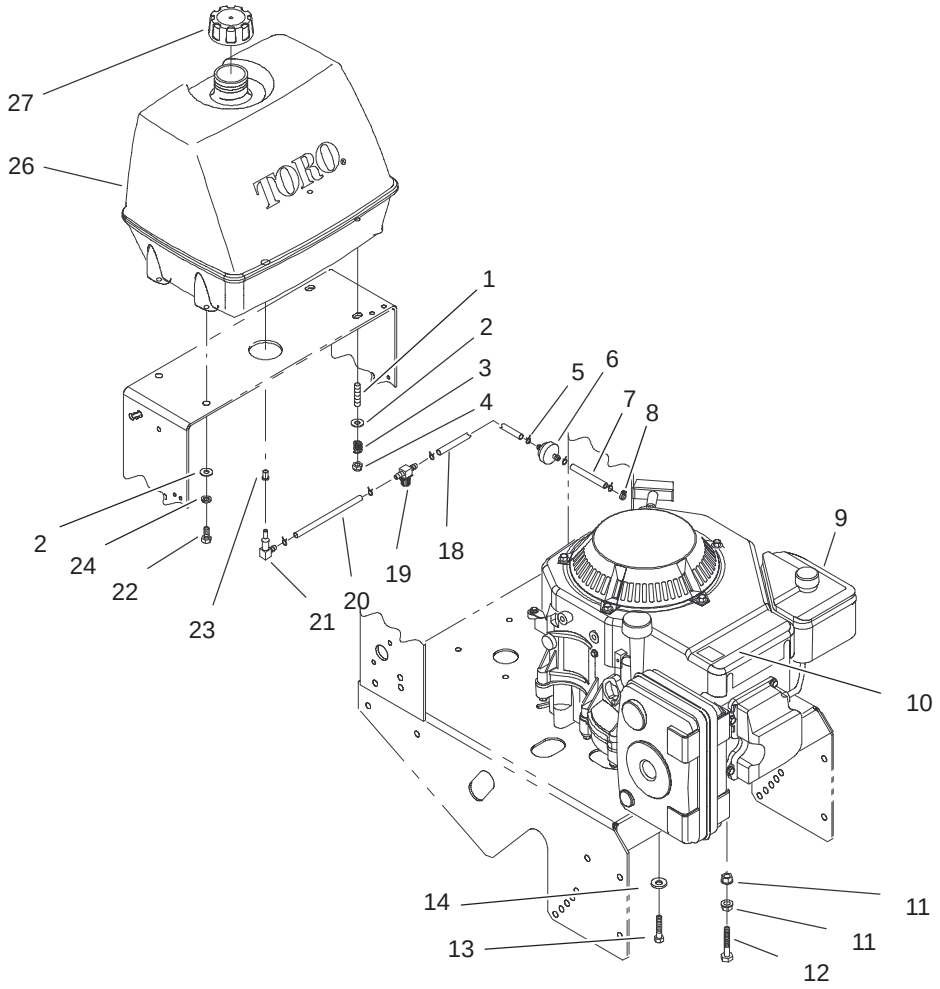

# Accessories

| Description | Model / Part No. |
|---|---|
| Recycler Kit | 30142 |
| Soft Bagger | 30198 |

# Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

| Abbreviation | Meaning |
|---|---|
| AR | as required |
| ASM | assembly |
| CARR | carriage |
| DEG | degrees |
| FH | flat head |
| GA | gauge |
| HF | hex flange |
| HH | hex head |
| HHF | hex head flange |
| HLH | hex lag head |
| HJ | hex jam |
| HOC | height-of-cut |
| HS | hex socket |
| HSBH | hex socket button head |
| HSFH | hex socket flat head |
| HSH | hex socket head |
| HWH | hex washer head |
| HWHTF | hex washer head thread forming |
| HYD | hydraulic |
| INC | incorporated |
| LH | left hand |
| NI | nylon insert |
| PPH | Phillips pan head |
| PTH | Phillips truss head |
| PTO | power take off |
| RH | right hand |
| SFH | slotted fillister head |
| SHH | slotted hex head |
| SQH | square head |
| SHWH | slotted hex washer head |
| SPH | slotted pan head |
| SRH | slotted round head |
| STD | standard |
| TAP | self tapping |
| TTH | Torx truss head |
| WH | wing head |



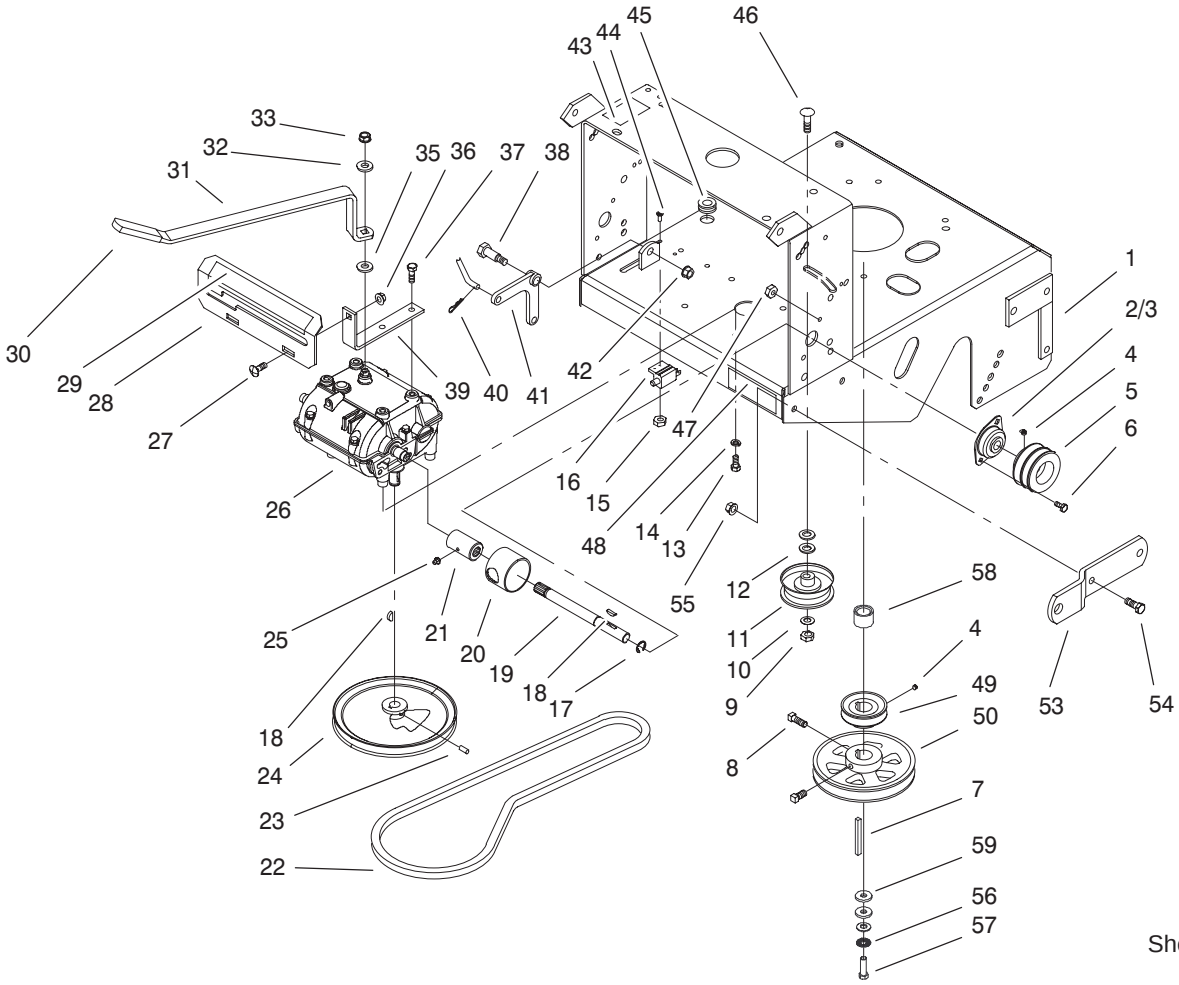

Sheet No.: 2

# Engine and Fuel System Assembly

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 1–633023 | 2 | Stud |
| 2 | 3256–23 | 4 | Washer–Flat |
| 3 | 1–633349 | 2 | Spring–Tank, Fuel |
| 4 | 3296–47 | 2 | Nut–Lock, NI |
| 5 | 1–303077 | 5 | Clamp–Line, Fuel |
| 6 | 1–303197 | 1 | Filter–Fuel |
| 7 | 1–303022 | 1 | Hose–Line, Fuel |
| 8 | 1–303308 | 1 | Clamp–Hose |
| ☆9 | | 1 | Engine–Kawasaki, (Fb460v–Ms14) |
| 10 | 63–8440 | 1 | Decal–Surface, Hot |
| 11 | 3290–357 | 2 | Nut–HHF |
| 12 | 323–13 | 1 | Screw–HH |
| 13 | 33114–025 | 4 | Screw–HH |
| 14 | 1–303334 | 4 | Washer–Spring |
| 18 | 1–303022 | 1 | Hose–Line, Fuel |
| 19 | 1–603770 | 1 | Valve–Fuel |
| 20 | 1–603955 | 1 | Hose–Line, Fuel |
| 21 | 1–543277 | 1 | Elbow–Tank, Fuel |
| 22 | 322–3 | 2 | Screw–HH |
| 23 | 1–513645 | 1 | Bushing–Valve, Fuel |
| 24 | 1–805005 | 2 | Washer–Lock |
| 26 | 1–323551 | 1 | Tank–Fuel |
| 27 | 1–513508 | 1 | Cap–Fuel |
| *99 | 1–303287 | 1 | Tie–Plastic |
| *99 | 1–303335 | 1 | Tie–Plastic |

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

☆ Not serviced separately
* Not illustrated

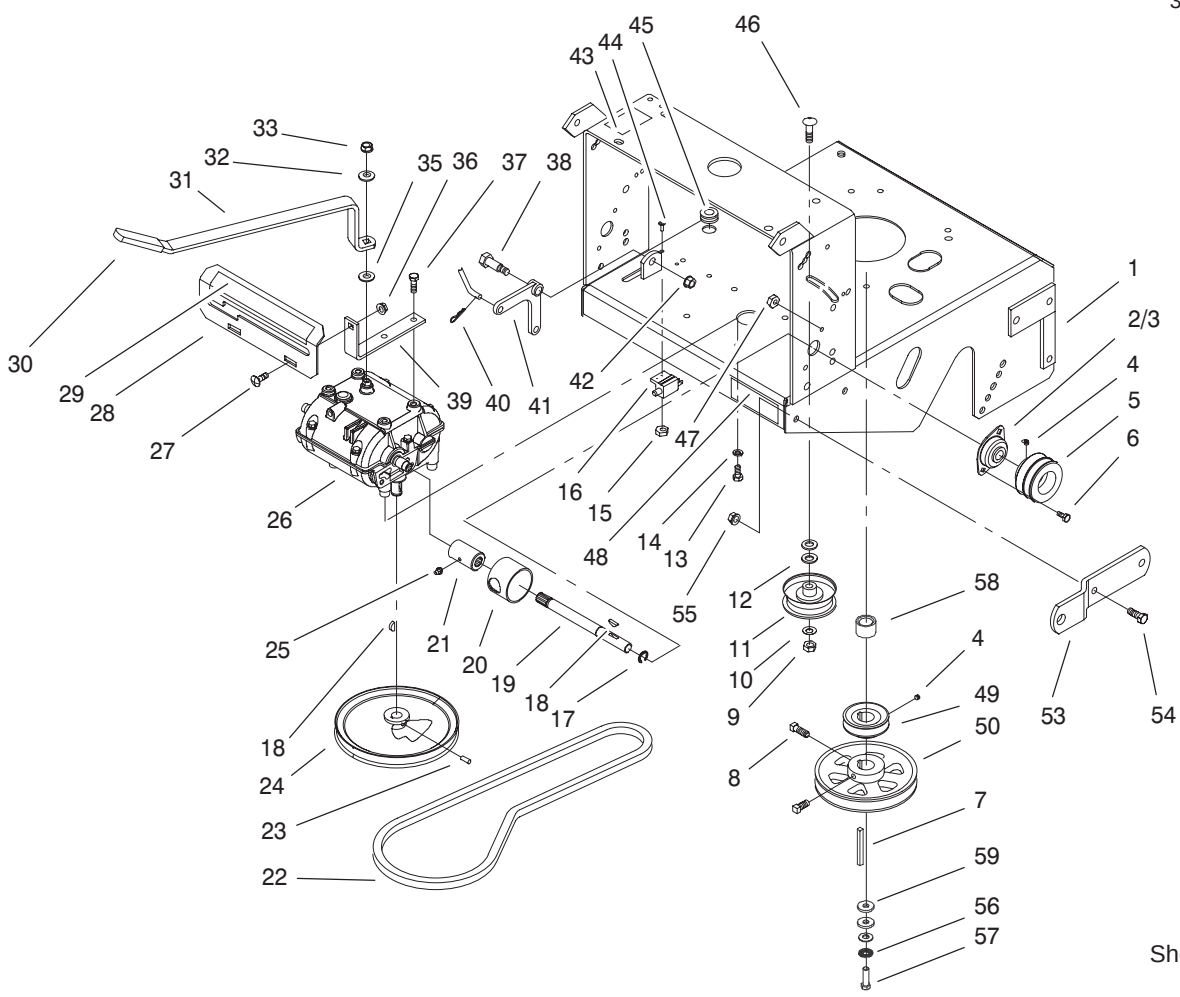



Sheet No.: 3

# Transmission and Drive Pulley Assembly

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 1–402112–01 | 1 | Deck–Rear |
| 2 | 1–323252 | 2 | Bearing–Shaft |
| 3 | 1–323254 | 2 | Flange–Output |
| 4 | 1–803310 | 3 | Screw–Set |
| 5 | 1–323363–03 | 2 | Sheave–Transmission |
| 6 | 321–3 | 4 | Screw–HH |
| 7 | 5–1336 | 1 | Key |
| 8 | 3242–4 | 2 | Screw–Set, SQH |
| 9 | 3296–39 | 1 | Nut–Lock, NI |
| 10 | 3256–24 | 1 | Washer–Flat |
| 11 | 1–323285 | 1 | Idler–Drive, Transmission |
| 12 | 3256–5 | 2 | Washer–Flat |
| 13 | 322–3 | 4 | Screw–HH |
| 14 | 1–805005 | 4 | Washer–Lock |
| 15 | 3296–2 | 2 | Nut–Lock |
| 16 | 1–513152 | 1 | Switch–Closed, Normally |
| 17 | 32151–62 | 2 | Ring–Retaining |
| 18 | 3257–5 | 3 | Key–Woodruff |
| 19 | 1–323502 | 2 | Shaft–Transmission |
| 20 | 51–4220 | 2 | Guard–Coupler |
| 21 | 1–323680 | 2 | Coupler |
| 22 | 1–323630 | 1 | V–Belt |
| 23 | 3245–41 | 2 | Screw–HSH |
| 24 | 1–323278 | 1 | Sheave–Transmission |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 25 | 302–19 | 2 | Fitting–Grease |
| 26 | 1–323500 | 1 | Transmission |
| 27 | 3230–1 | 2 | Screw–CARR |
| 28 | 1–323387–03 | 1 | Plate–Shift |
| 29 | 98–3256 | 1 | Decal–Speed, Ground |
| 30 | 1–303020 | 1 | Grip–Lever |
| 31 | 98–3274–03 | 1 | Lever–Shift |
| 32 | 98–5975 | 1 | Washer–Belleville |
| 33 | 3296–6 | 1 | Nut–Lock, NI |
| 35 | 1–323379 | 1 | Washer–Lever, Shifter |
| 36 | 32128–20 | 2 | Nut–HF |
| 37 | 32104–32 | 4 | Screw–HH |
| 38 | 1–603403 | 1 | Bolt–Shoulder |
| 39 | 1–323389–03 | 2 | Bracket–Plate, Shift |
| 40 | 1–806003 | 1 | Pin–Hair |
| 41 | 1–303186 | 1 | Bellcrank |
| 42 | 3290–357 | 1 | Nut–HHF |
| 43 | 95–2814 | 1 | Decal–Shut Off, Fuel |
| 44 | 3290–500 | 2 | Screw–PPH |
| 45 | 1–543296 | 1 | Grommet–Line, Fuel |
| 46 | 3231–6 | 1 | Screw–CARR |
| 47 | 3296–42 | 4 | Nut–Lock, NI |
| 48 | 98–0776 | 1 | Decal–Caution |
| 49 | 1–323256 | 1 | Sheave–Transmission |
| 50 | 1–403160 | 1 | Sheave |
| 53 | 1–323318–01 | 2 | Hitch–Sulky |

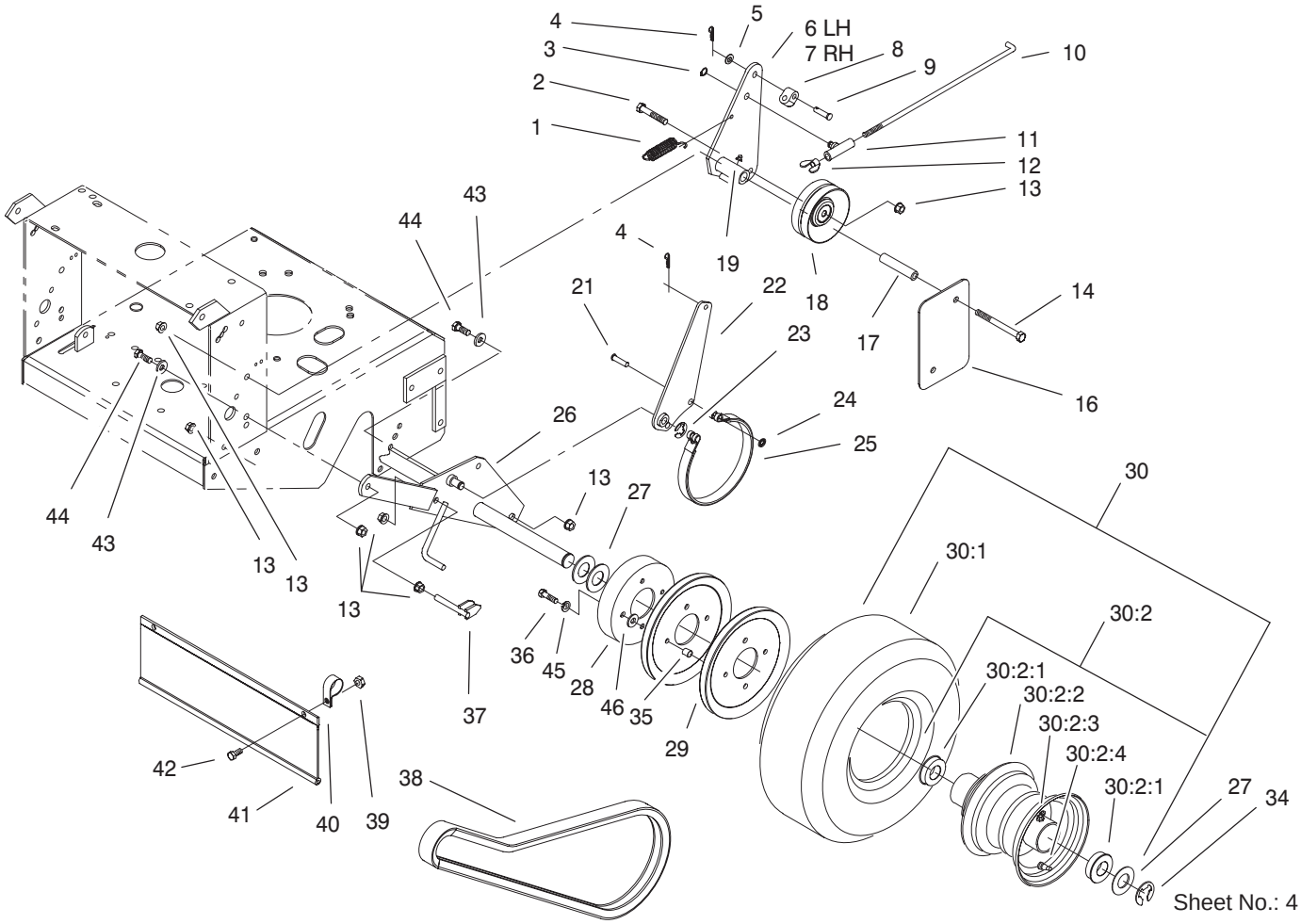



Sheet No.: 3

# Transmission and Drive Pulley Assembly (Continued)

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 54 | 323–6 | 4 | Screw–HH |
| 55 | 3290–357 | 4 | Nut–HHF |
| 56 | 98–5975 | 1 | Washer–Belleville |
| 57 | 33115–035 | 1 | Screw–HH |
| 58 | 1–633453 | 1 | Spacer–Clutch |
| 59 | 1–373034 | 2 | Washer–Swivel |

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

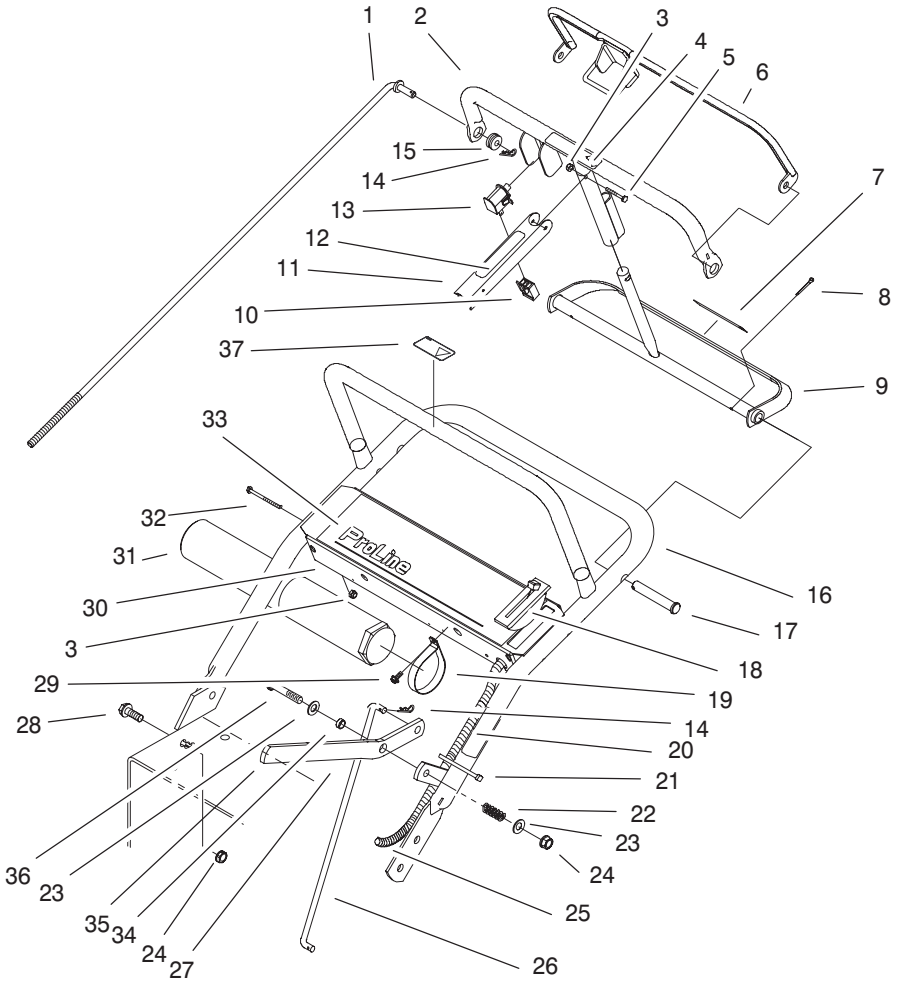



# Wheel Drive Assembly

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98–3273 | 2 | Spring–Extension |
| 2 | 323–10 | 2 | Screw–HH |
| 3 | 32151–47 | 2 | Ring–Retaining |
| 4 | 1–806003 | 4 | Pin–Hair |
| 5 | 3256–23 | 2 | Washer–Flat |
| 6 | 104–1321–03 | 1 | RH Idler Arm ASM |
| 7 | 104–1322–03 | 1 | LH Idler Arm ASM |
| 8 | 74–0521 | 2 | Fitting–Rod |
| 9 | 283–6 | 2 | Pin–Clevis |
| 10 | 1–323296 | 2 | Rod–Brake |
| 11 | 1–322125 | 2 | Swivel–Brake |
| 12 | 1–513959 | 2 | Wingnut–Nylock |
| 13 | 3290–357 | 14 | Nut–HHF |
| 14 | 323–16 | 4 | Screw–HH |
| 16 | 98–5131–01 | 2 | Shield–Wheel, Drive |
| 17 | 1–323694 | 4 | Spacer–Shield |
| 18 | 1–323634 | 2 | Idler–Drive, Wheel |
| 19 | 302–19 | 2 | Fitting–Grease |
| 21 | 1–323307 | 4 | Pin–Clevis |
| 22 | 1–322209–03 | 2 | Arm–Brake |
| 23 | 32120–47 | 2 | Ring–Retaining, External |
| 24 | 1–803051 | 4 | Nut–Push |
| 25 | 1–323595 | 2 | Band–Brake |
| 26 | 1–322232 | 1 | Axle ASM |
| 27 | 1–523157 | 6 | Washer–Spacer |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 27 | 1–543436 | 8 | Washer–Spacer |
| 28 | 1–323261 | 2 | Drum–Brake |
| 29 | 1–323349 | 2 | Sheave,Wheel Drive |
| ☆30 | | 2 | Wheel & Tire ASM |
| 30:1 | 1–323361 | 1 | Tire |
| 30:2 | 1–323360 | 1 | Wheel & Hub ASM |
| 30:2:1 | 1–323329 | 2 | Bearing–Flanged |
| ☆30:2:2 | | 1 | Rim ASM |
| ☆30:2:3 | | 1 | Fitting–Grease |
| ☆30:2:4 | | 1 | Valve Stem & Cap |
| 34 | 1–808519 | 2 | Ring–Snap |
| 35 | 1–323260 | 8 | Spacer–Sheave, Wheel |
| 36 | 322–5 | 8 | Screw–HH |
| 37 | 1–603430 | 2 | Scraper |
| 38 | 1–323744 | 2 | Belt–Drive, Wheel |
| 39 | 3296–29 | 2 | Nut–Lock, NI |
| 40 | 2412–104 | 2 | R–Clamp |
| 41 | 98–3259 | 1 | Shield–Trailing |
| 42 | 322–3 | 2 | Screw–HH |
| 43 | 98–5975 | 4 | Washer–Belleville |
| 44 | 323–6 | 4 | Screw–HH |
| 45 | 1–373034 | 8 | Washer–Swivel |
| 46 | 1–805005 | 8 | Washer–Lock |

☆ Not serviced separately

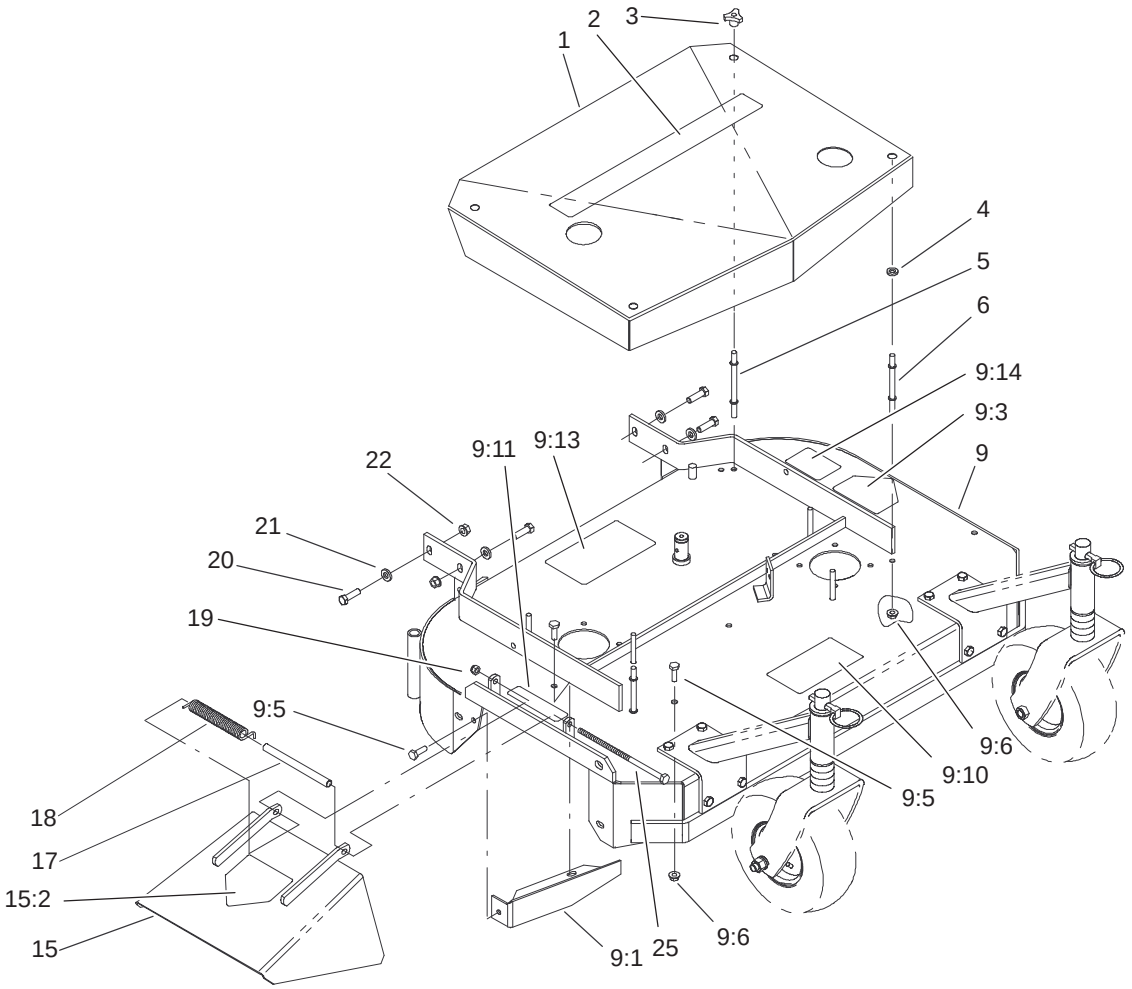



Sheet No.: 5

# Upper Handle Assembly

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98–3282 | 2 | Rod–Control |
| 2 | 95–5522–03 | 1 | Control Bar ASM |
| 3 | 3296–2 | 5 | Nut–Lock |
| 4 | 82–2290 | 1 | Decal–Bar, Control |
| 5 | 32105–1 | 1 | Screw–SHH |
| 6 | 98–3289–03 | 1 | Bail ASM |
| 7 | 82–2280 | 1 | Decal–Handle, Reverse |
| 8 | 3272–11 | 2 | Pin–Cotter |
| 9 | 99–8501–03 | 1 | Control–Pivot |
| 10 | 218–595 | 1 | Connector–Body |
| 11 | 98–3261–03 | 1 | Lever–Brake, Parking |
| 12 | 98–3266 | 1 | Decal–Brake, Parking |
| 13 | 740275 | 1 | Switch–Seat |
| 14 | 1–806003 | 3 | Pin–Hair |
| 15 | 237–141 | 2 | Grommet–Rubber |
| 16 | 98–3267–01 | 1 | Upper Handle ASM |
| 17 | 283–55 | 2 | Pin–Clevis |
| 18 | 1–323637 | 1 | Cable–Throttle |
| 19 | 2412–120 | 2 | R–Clamp |
| 20 | 95–5537 | 1 | Decal–Engage, Deck |
| 21 | 1–303335 | 1 | Tie–Plastic |
| 22 | 1–303160 | 1 | Spring–Compression |
| 23 | 3256–24 | 2 | Washer–Flat |
| 24 | 3296–39 | 5 | Nut–Lock, NI |
| 25 | 98–3257 | 1 | Harness–Wire |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 26 | 98–3279 | 1 | Linkage–Drive, Blade |
| 27 | 98–3287–03 | 1 | Lever–Engagement, Blade |
| 28 | 323–6 | 4 | Screw–HH |
| 29 | 32104–76 | 2 | Screw |
| 30 | 1–304259 | 1 | Panel–Control |
| 31 | 74–0720 | 1 | Tube–Manual |
| 32 | 32105–14 | 4 | Screw |
| 33 | 95–5437 | 1 | Decal–Panel, Control |
| 34 | 99–8509 | 1 | Spacer |
| 35 | 1–303020 | 1 | Grip–Lever |
| 36 | 323–10 | 1 | Screw–HH |
| 37 | 98–4387 | 1 | Decal–Protection, Ear |



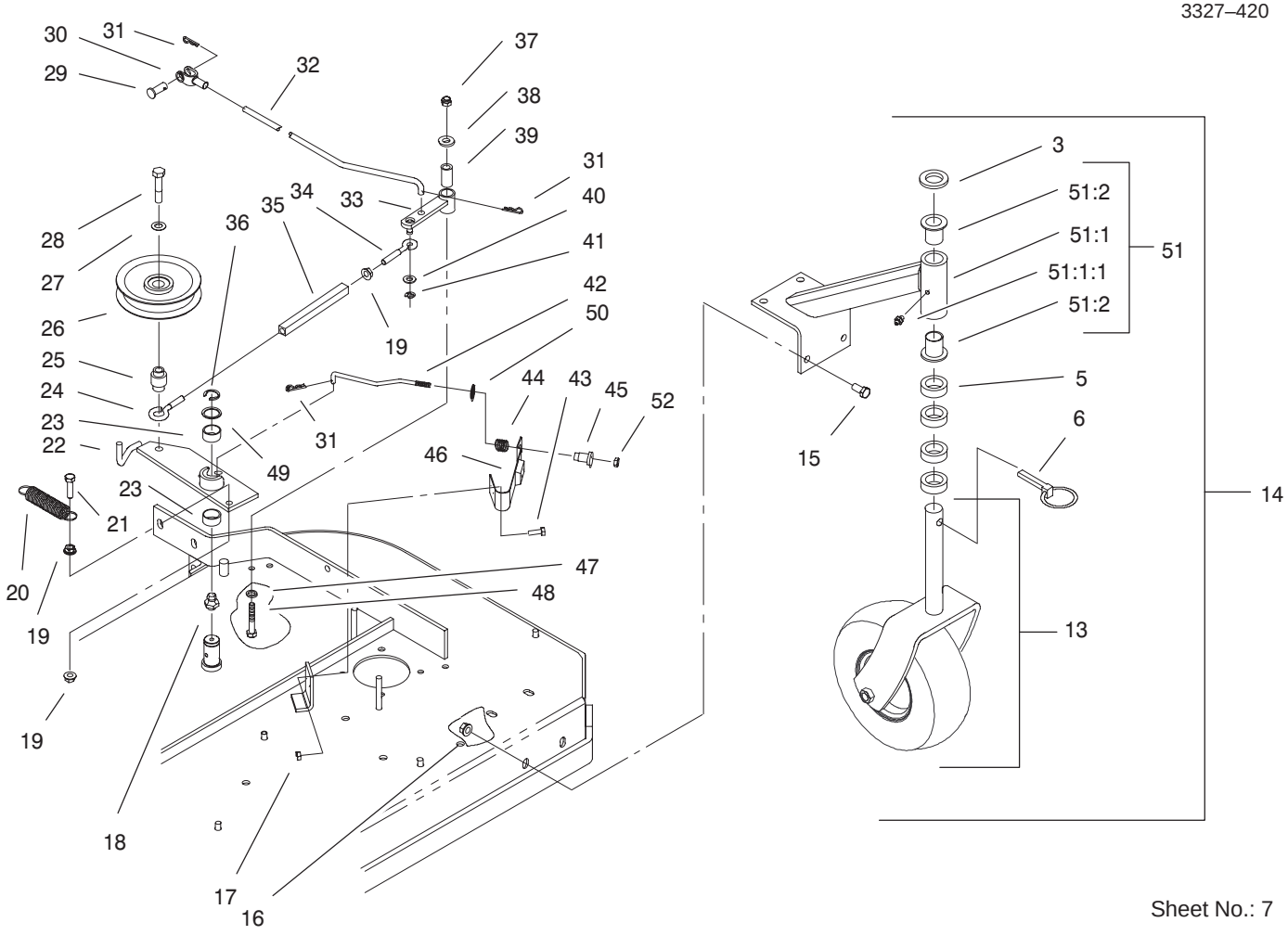

Sheet No.: 6

# Deck Assembly

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 1–324407 | 1 | Shield–Belt |
| 2 | 100–6482 | 1 | Decal–Proline |
| 3 | 1–323385 | 4 | Knob–3 Prong |
| 4 | 1–323417 | 4 | Washer |
| 5 | 1–303536 | 2 | Stud–Shield, Belt (Long) |
| 6 | 1–303537 | 2 | Stud–Shield, Belt (Short) |
| 9 | 105–4675 | 1 | 32” Deck W/Decals ASM |
| 9:1 | 1–302189–01 | 1 | Baffle |
| 9:3 | 1–403005 | 1 | Decal–Danger |
| 9:5 | 322–2 | 7 | Screw–HH |
| 9:6 | 32128–20 | 7 | Nut–HF |
| 9:10 | 66–1340 | 1 | Decal–Danger |
| 9:11 | 67–5360 | 1 | Decal–Danger |
| *9:12 | 94–2579 | 2 | Decal–Toro |
| 9:13 | 98–3296 | 1 | Decal–Routing, Belt |
| 9:14 | 98–5130 | 1 | Decal–Torque |
| 15 | 1–304256 | 1 | Chute–Discharge |
| 15:2 | 54–9220 | 1 | Decal–Danger |
| 17 | 98–3281 | 1 | Spacer–Spring |
| 18 | 98–3280 | 1 | Spring–Deflector |
| 19 | 3296–29 | 1 | Nut–Lock, NI |
| 20 | 323–8 | 6 | Screw–HH |
| 21 | 98–5975 | 6 | Washer–Belleville |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 22 | 3290–357 | 6 | Nut–HHF |
| 25 | 322–50 | 1 | Screw–Cap |

* Not illustrated

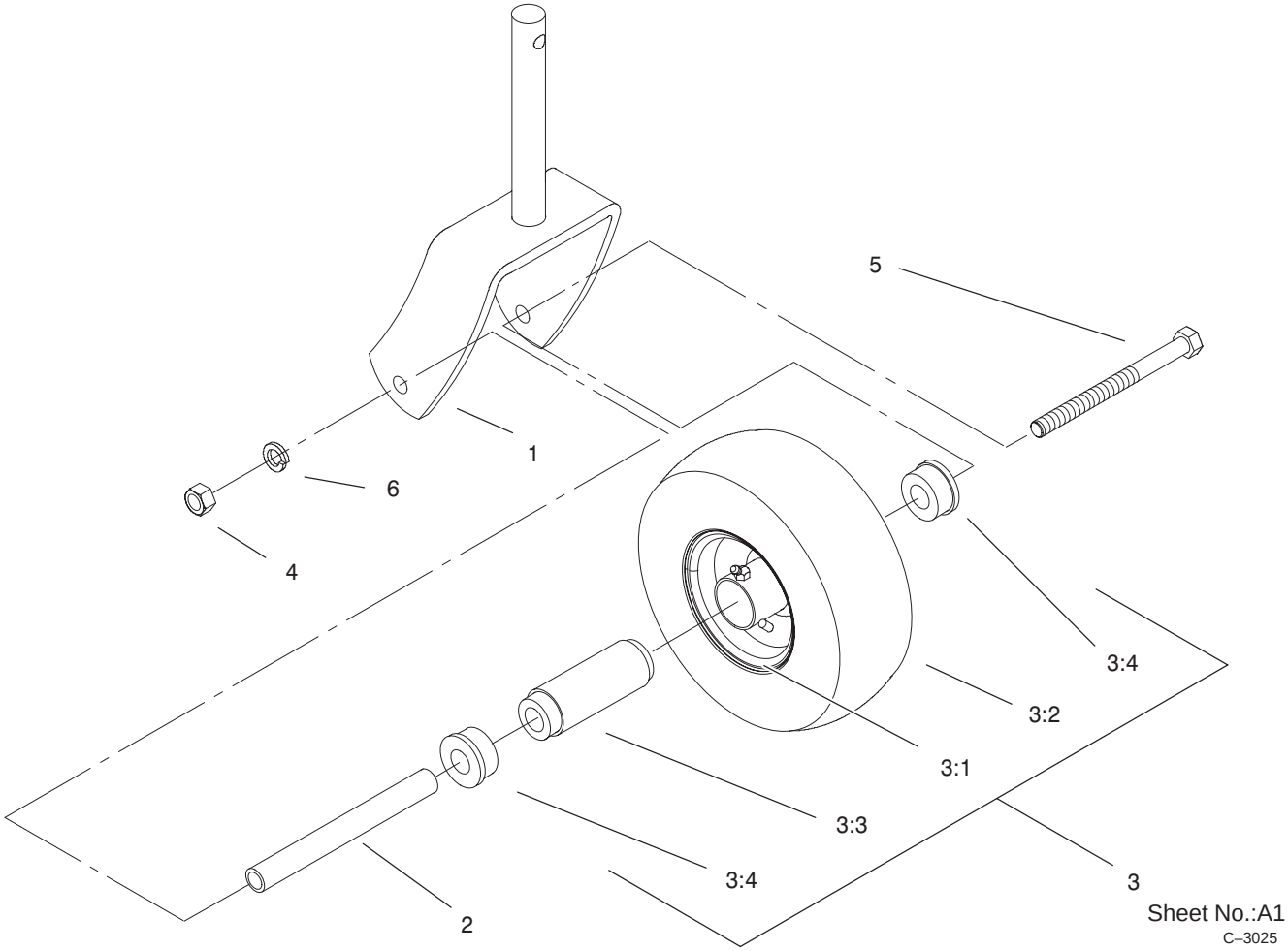



Sheet No.: 7

# Front Caster and Blade Brake Assembly

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 3 | 1–513338 | 2 | Washer–Flat |
| 5 | 1–303314 | 8 | Spacer–Caster |
| 6 | 1–809020 | 2 | Pin |
| 13 | 1–322154 | 2 | Caster/Wheel ASM |
| 14 | 1–322153 | 2 | Caster/Mount ASM |
| 15 | 323–4 | 8 | Screw–HH |
| 16 | 3290–357 | 8 | Nut–HHF |
| 17 | 3296–42 | 2 | Nut–Lock, NI |
| 18 | 302–19 | 1 | Fitting–Grease |
| 19 | 32128–20 | 3 | Nut–HF |
| 20 | 1–323071 | 1 | Spring–Extension |
| 21 | 322–6 | 1 | Screw–HH |
| 22 | 1–324408 | 1 | Idler Arm/Bushings ASM |
| 23 | 1–323729 | 2 | Sleeve–Bearing |
| 24 | 1–303348 | 1 | Eyebolt–LH Thread |
| 25 | 1–303434 | 1 | Bushing–Engagement |
| 26 | 1–603843 | 1 | Pulley–Idler |
| 27 | 98–5975 | 1 | Washer–Belleville |
| 28 | 323–10 | 1 | Screw–HH |
| 29 | 1–808280 | 1 | Pin–Clevis |
| 30 | 1–303105 | 1 | Yoke–Adjustable |
| 31 | 1–806003 | 3 | Pin–Hair |
| 32 | 1–323303 | 1 | Linkage–Arm |
| 33 | 1–322235 | 1 | Arm |
| 34 | 1–303238 | 1 | Eyebolt–RH Thread |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 35 | 1–303236 | 1 | Body–Turnbuckle |
| 36 | 32151–103 | 1 | Ring–Snap |
| 37 | 3296–29 | 1 | Nut–Lock, NI |
| 38 | 3256–3 | 1 | Washer–Flat |
| 39 | 1–403179 | 1 | Tube–Pivot |
| 40 | 3256–23 | 1 | Washer–Flat |
| 41 | 32120–35 | 1 | E–Ring |
| 42 | 1–323718 | 1 | Rod–Brake |
| 43 | 321–4 | 2 | Screw–HH |
| 44 | 1–323747 | 1 | Spring–Compression |
| 45 | 1–323746 | 1 | Spacer–Flanged |
| 46 | 1–324372 | 1 | Pad/Spring ASM |
| 47 | 1–303334 | 1 | Washer–Spring |
| 48 | 322–10 | 1 | Screw–HH |
| 49 | 1–303352 | 1 | Washer–Spindle |
| 50 | 1–323748 | 1 | Ring–Push On |
| 51 | 1–302203 | 2 | Support ASM W/Bushings |
| 51:1 | 1–302194–01 | 1 | Support–Caster |
| 51:1:1 | 302–52 | 1 | Fitting–Grease |
| 51:2 | 1–303514 | 2 | Bearing–Flanged |
| 52 | 3296–56 | 1 | Nut–Lock, NI |

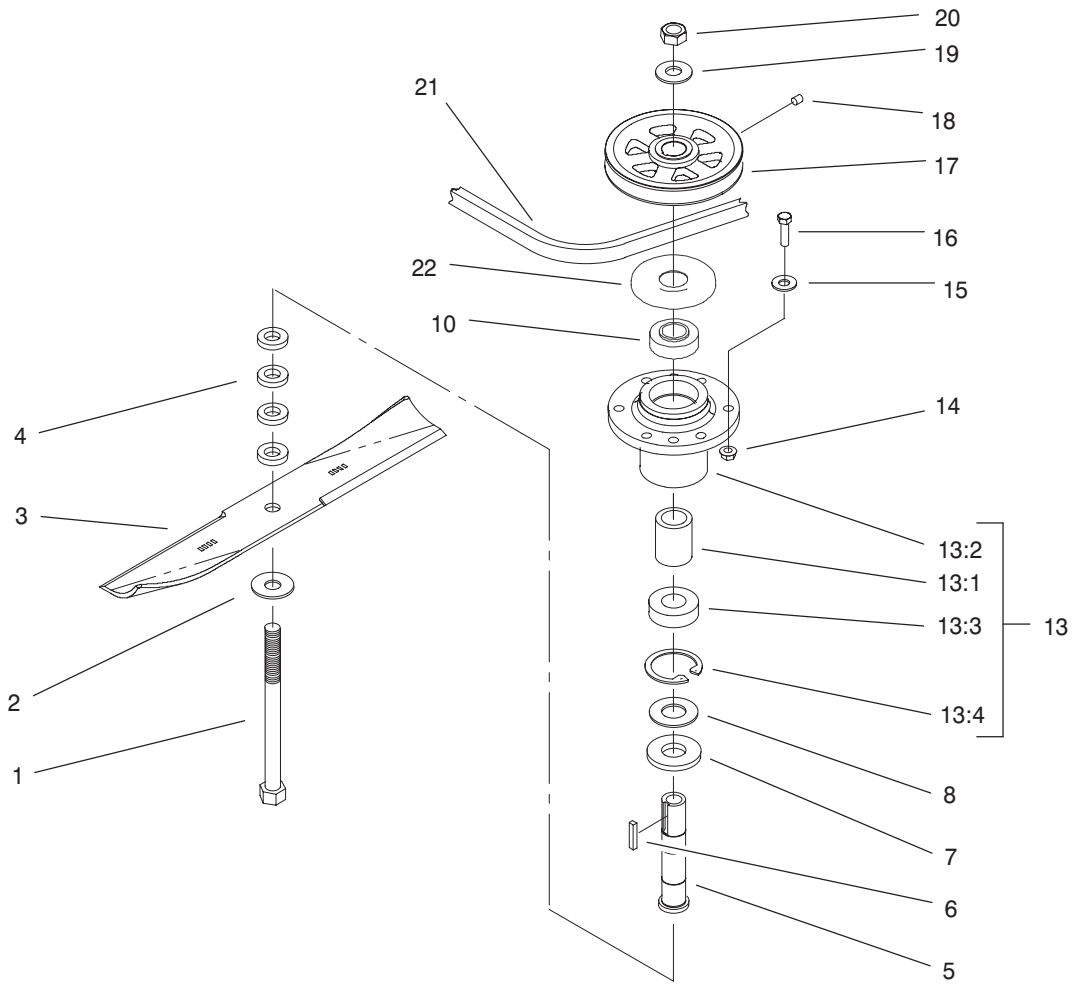



# Caster and Wheel Assembly No. 1–322154

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 1–322145–01 | 1 | Fork |
| 2 | 1–513547 | 1 | Spacer |
| 3 | 1–513648 | 1 | Wheel & Tire ASM |
| ☆3:1 | | 1 | Rim |
| ☆3:2 | | 1 | Tire |
| 3:3 | 1–513809 | 1 | Bearing |
| 3:4 | 1–513810 | 2 | Bushing |
| 4 | 3217–9 | 1 | Nut–HH |
| 5 | 325–20 | 1 | Screw–HH |
| 6 | 3253–7 | 1 | Washer–Lock |

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

☆ Not serviced separately

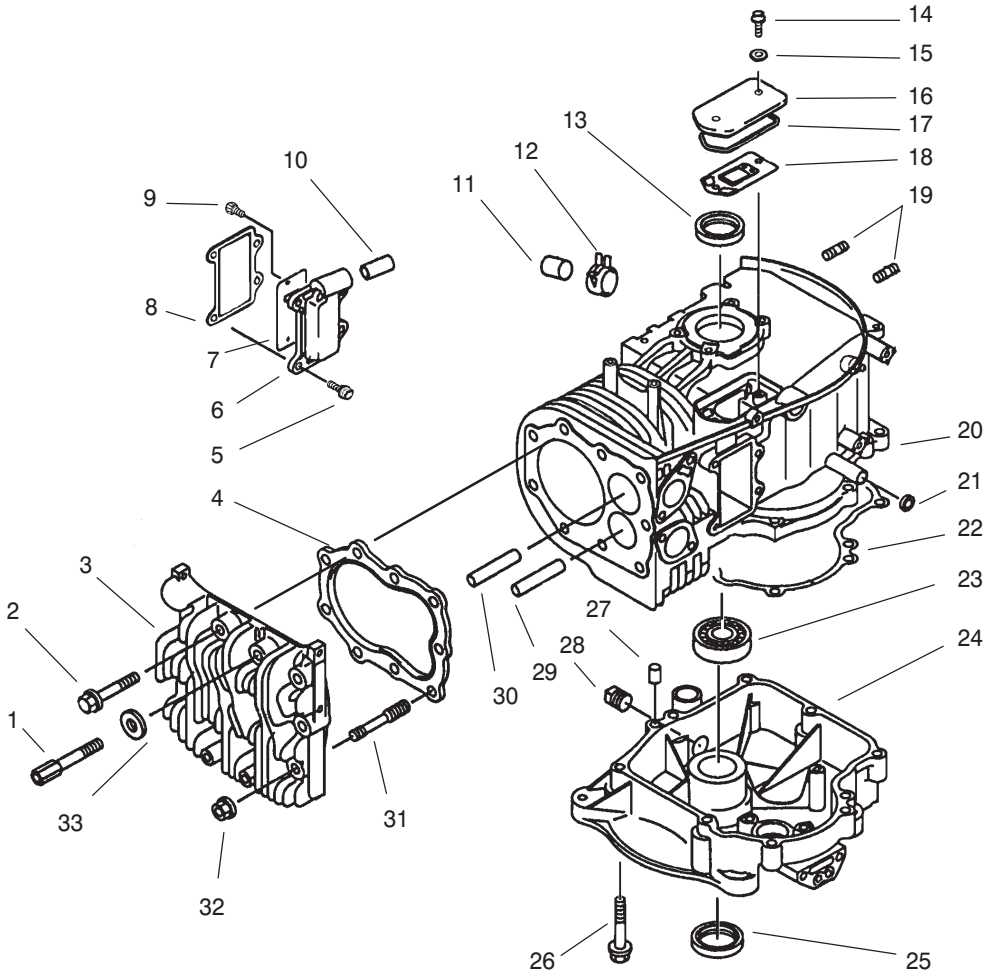



Sheet No.: 8

# Spindle Assembly

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 1–800861 | 2 | Screw–Cap, HH |
| 2 | 1–513208 | 2 | Washer–Spring |
| 3 | 1–323515 | 2 | Blade |
| 3 | 1–403149 | 2 | Blade–Low Lift |
| 4 | 1–323539 | 8 | Spacer–Drive, Blade |
| 5 | 1–323529 | 2 | Tube–Spindle, Short |
| 6 | 1–807267 | 2 | Key |
| 7 | 1–633573 | 2 | Guard–Bearing, Bottom |
| 8 | 1–323533 | 2 | Spacer–Pulley/Bearing |
| 10 | 1–513016 | 4 | Bearing |
| 13 | 1–634619 | 2 | Cutter Housing ASM |
| 13:1 | 1–323528 | 1 | Spacer–Bearing |
| 13:2 | 1–323532 | 1 | Housing–Spindle |
| 13:3 | 1–513016 | 2 | Bearing |
| 13:4 | 32120–8 | 1 | Ring–Snap |
| 14 | 32128–20 | 8 | Nut–HF |
| 15 | 1–303334 | 8 | Washer–Spring |
| 16 | 322–6 | 8 | Screw–HH |
| 17 | 1–403183 | 2 | Sheave |
| 18 | 1–803310 | 2 | Screw–Set |
| 19 | 1–323339 | 2 | Washer–Retainer, Sheave |
| 20 | 3219–6 | 2 | Nut–Hex |
| 21 | 1–323745 | 1 | Belt, Blade Drive |
| 22 | 103–1330 | 2 | Guard–Bearing, Top |

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



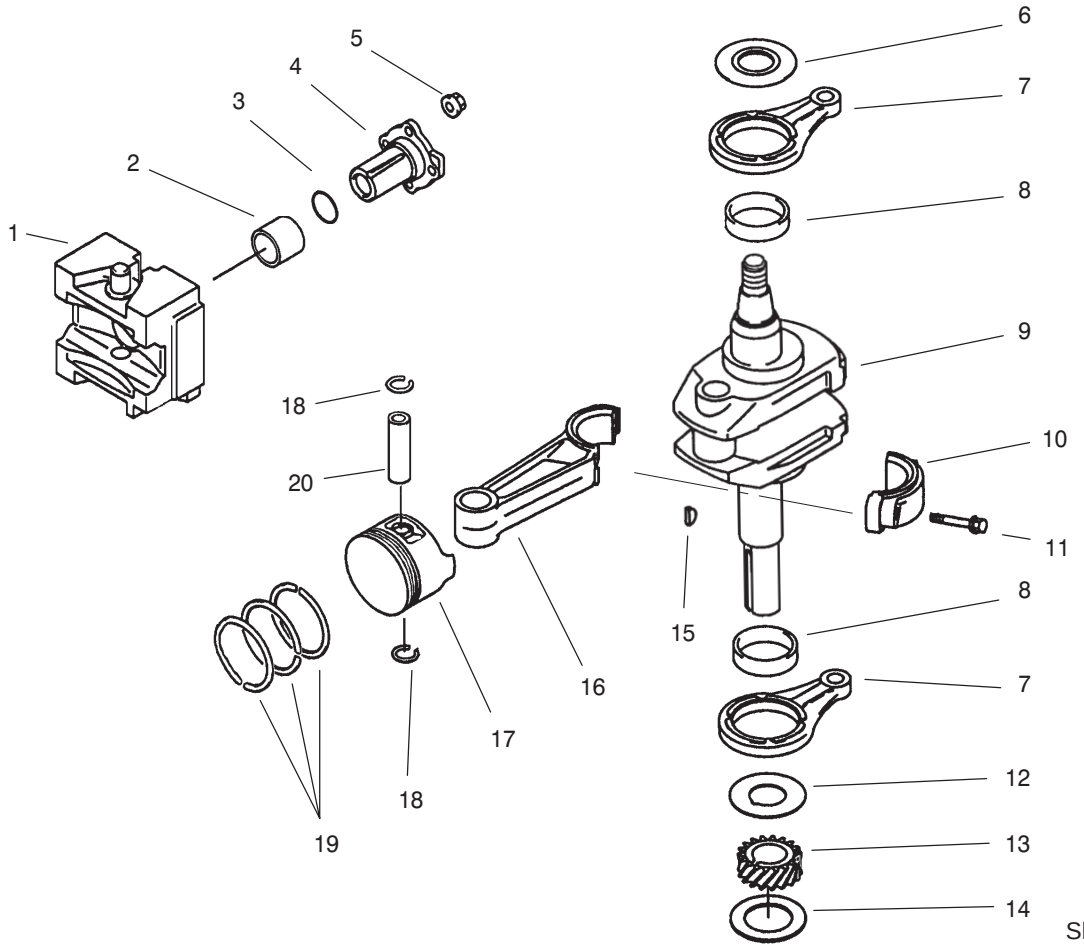

Sheet No.: 201

# Crankcase (Kawasaki FB460V–MS14)

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 92002–2258 | 2 | Bolt |
| 2 | 130g1055 | 4 | Bolt–Flange |
| 3 | 11001–2151 | 1 | Head–Cylinder |
| 4 | 11004–2091 | 1 | Gasket–Head |
| 5 | 130g0616 | 4 | Bolt–Flange |
| 6 | 49108–2011 | 1 | Cover–Valve Chamber |
| 7 | 14025–2143 | 1 | Cover |
| 8 | 11060–2375 | 1 | Gasket |
| 9 | 92009–2307 | 2 | Screw |
| 10 | 92059–2142 | 1 | Tube |
| 11 | 92066–2096 | 1 | Plug |
| 12 | 92170–2088 | 1 | Clamp |
| 13 | 92049–2096 | 1 | Seal–Oil |
| 14 | 92002–2087 | 2 | Bolt |
| 15 | 11060–2323 | 2 | Gasket |
| 16 | 14025–2040 | 1 | Cover–Breather |
| 17 | 11009–2339 | 1 | Gasket–Cover |
| 18 | 14069–2062 | 1 | Breather |
| 19 | 92004–2083 | 4 | Stud–6 X 14 |
| 20 | 49120–6108 | 1 | Crankcase–Complete |
| 21 | 92049–2097 | 1 | Seal–Oil |
| 22 | 11060–2015 | 1 | Gasket–Crankcase |
| 23 | 601a6207 | 1 | Bearing–Ball |
| 24 | 49015–6176 | 1 | Cover–Crankcase |
| 25 | 92049–2227 | 1 | Seal–Oil |
| 26 | 130g0845 | 8 | Bolt–Flange |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 27 | 92043–1263 | 2 | Pin |
| 28 | 92066–2097 | 1 | Plug |
| 29 | 49002–2071 | 1 | Guide–Valve Exhaust |
| 30 | 49002–2070 | 1 | Guide–Valve Intake |
| 31 | 92004–2082 | 3 | Stud |
| 32 | 92015–2115 | 3 | Nut |
| 33 | 410b1000 | 2 | Washer–Plain |

Obtain Parts from Kawasaki



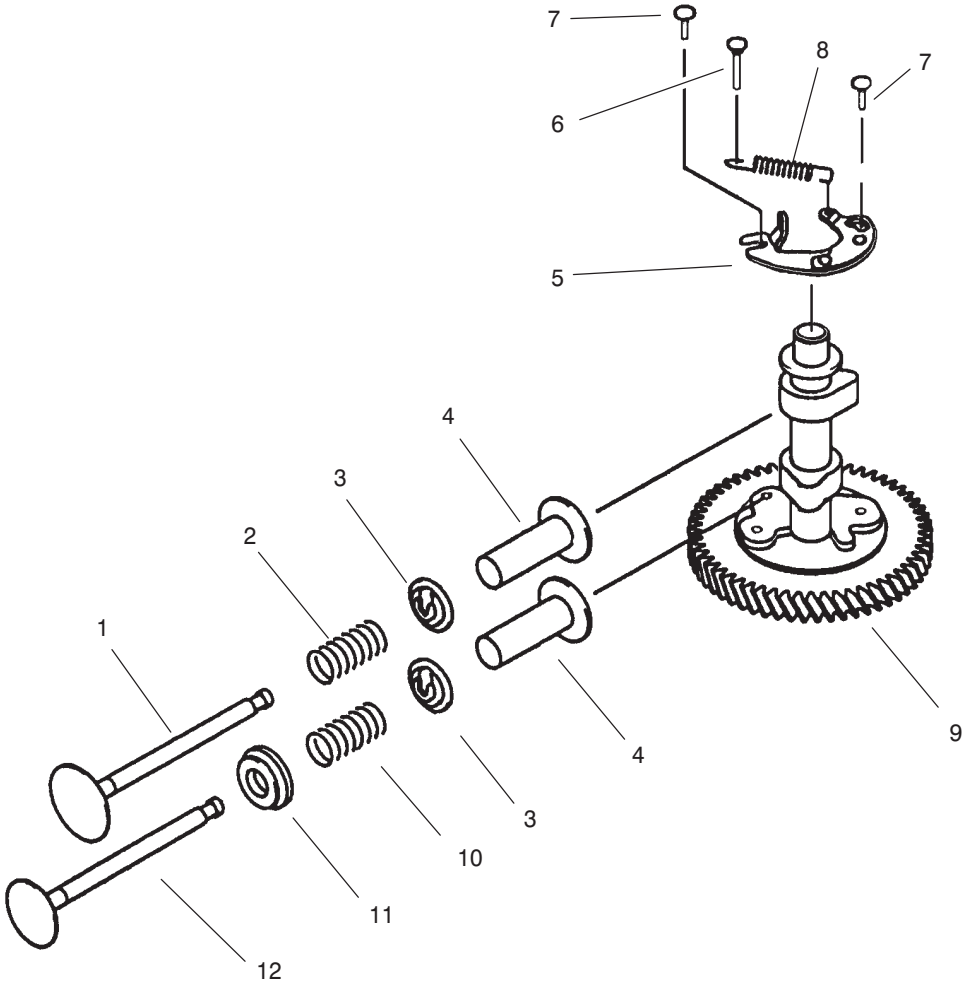

Sheet No.: 202

# Piston/Crankshaft Crankcase (Kawasaki FB460V–MS14)

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 13042–6006 | 1 | Weight Incl #2 |
| 2 | 92141–2097 | 1 | Bearing–Plane |
| 3 | 92055–2072 | 1 | O–Ring |
| 4 | 13107–2253 | 1 | Shaft |
| 5 | 92015–1193 | 4 | Nut |
| 6 | 92026–2164 | 1 | Spacer |
| 7 | 46102–6007 | 2 | Rod Incl #8 |
| 8 | 92141–2108 | 2 | Bearing–Plane |
| 9 | 49119–2177 | 1 | Crankshaft ASM |
| 11 | 92150–2193 | 2 | Bolt |
| 12 | 92026–2156 | 1 | Spacer |
| 13 | 59056–2105 | 1 | Gear–Helical |
| 14 | 92025–2145 | A/R | Shim T=1.18 |
| 14 | 92025–2146 | A/R | Shim T=1.25 |
| 14 | 92025–2147 | A/R | Shim T=1.32 |
| 14 | 92025–2148 | A/R | Shim T=1.39 |
| 14 | 92025–2149 | A/R | Shim T=1.46 |
| 14 | 92025–2150 | A/R | Shim T=1.53 |
| 14 | 92025–2151 | A/R | Shim T=1.60 |
| 14 | 92025–2152 | A/R | Shim T–1.67 |
| 14 | 92025–2153 | A/R | Shim T=1.74 |
| 14 | 92180–2015 | A/R | Shim T=1.11 |
| 14 | 92180–2016 | A/R | Shim T=1.81 |
| 15 | 92038–2094 | 1 | Key |
| 16 | 13251–6005 | 1 | Rod ASM Incl #10 11 |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 16 | 13251–6007 | A/R | Rod ASM Incl #10 11 0.50 |
| 17 | 13001–2096 | 1 | Piston |
| 17 | 13029–2084 | A/R | Piston 0.25 |
| 17 | 13029–2085 | A/R | Piston 0.50 |
| 18 | 92033–2176 | 2 | Ring–Snap |
| 19 | 13008–6009 | 1 | Set–Ring Piston |
| 19 | 13008–6010 | A/R | Set–Ring Piston 0.25 |
| 19 | 13008–6011 | A/R | Set–Ring Piston 0.50 |
| 20 | 13002–2066 | 1 | Pin–Piston |

Obtain Parts from Kawasaki



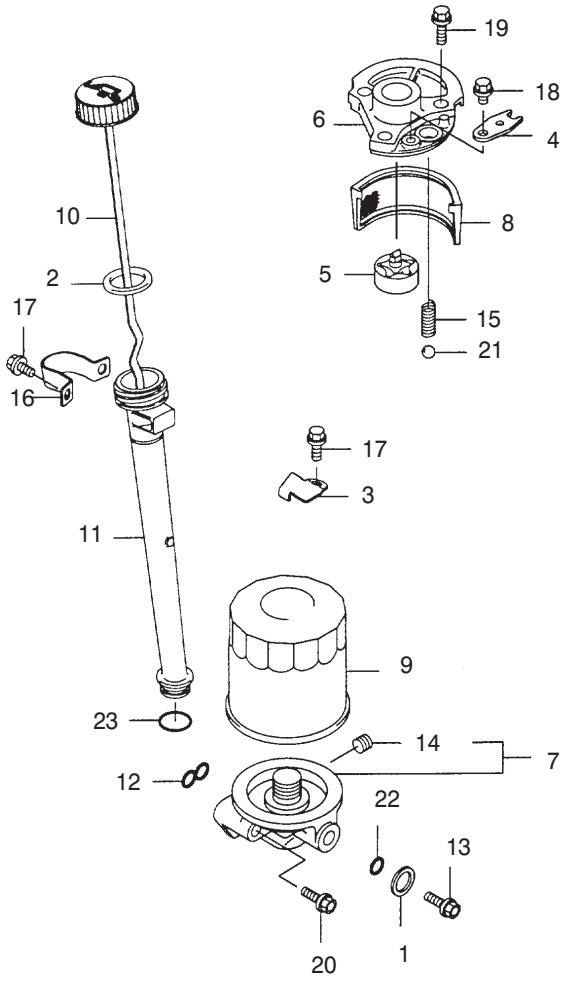

Sheet No.: 203

# Valve / Camshaft (Kawasaki FB460V–MS14)

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 12004–2076 | 1 | Valve–Intake |
| 2 | 49078–2075 | 1 | Spring–Valve |
| 3 | 39108–2054 | 2 | Retainer–Spring |
| 4 | 12032–2058 | 2 | Tappet |
| 5 | 21118–2068 | 1 | Decompressor |
| 6 | 92043–2167 | 1 | Pin |
| 7 | 92043–2113 | 2 | Pin |
| 8 | 92144–2171 | 1 | Spring |
| 9 | 49118–2134 | 1 | Camshaft Incl # 5–8 |
| 10 | 49078–2074 | 1 | Spring–Valve |
| 11 | 12039–2052 | 1 | Rotator |
| 12 | 12005–2066 | 1 | Valve–Exhaust |

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

Obtain Parts from Kawasaki



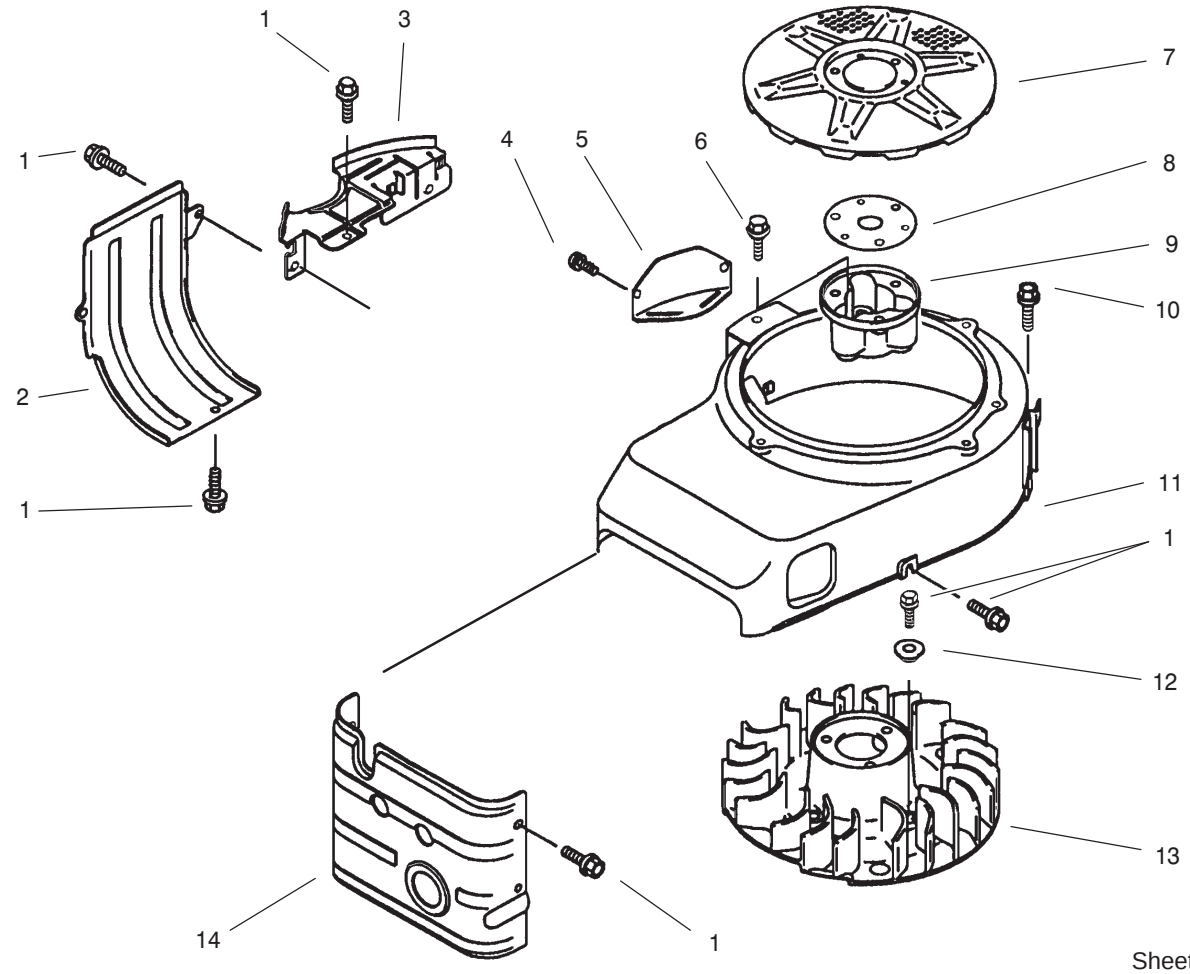

Sheet No.: 204

# Lubrication Equipment (Kawasaki FB460V–MS14)

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 11009–2175 | 1 | Gasket |
| 2 | 11009–2346 | 1 | Gasket–Oil Gauge |
| 3 | 13169–2359 | 1 | Plate |
| 4 | 13270–2054 | 1 | Plate |
| 5 | 16082–2057 | 1 | Pump Assy–Oil |
| 6 | 16142–6001 | 1 | Cover–Pump |
| 7 | 23062–6001 | 1 | Bracket–Comp |
| 8 | 49065–2056 | 1 | Filter–Oil |
| 9 | 49065–2071 | 1 | Filter–Oil |
| 10 | 52005–2058 | 1 | Gauge–Oil |
| 11 | 59231–2059 | 1 | Filler |
| 12 | 92055–2063 | 1 | Ring–O |
| 13 | 92066–2093 | 1 | Plug |
| 14 | 92066–2211 | 1 | Plug |
| 15 | 92081–2216 | 1 | Spring |
| 16 | 92170–2014–9H | 1 | Clamp |
| 17 | 130B0508 | 3 | Bolt–Flanged |
| 18 | 130B610 | 1 | Bolt–Flanged |
| 19 | 130G0825 | 3 | Bolt–Flanged |
| 20 | 130G0845 | 2 | Bolt–Flanged |
| 21 | 600A1000 | 1 | Ball–Steel |
| 22 | 670D1507 | 1 | O Ring |
| 23 | 670D2016 | 1 | O Ring |

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

Obtain Parts from Kawasaki



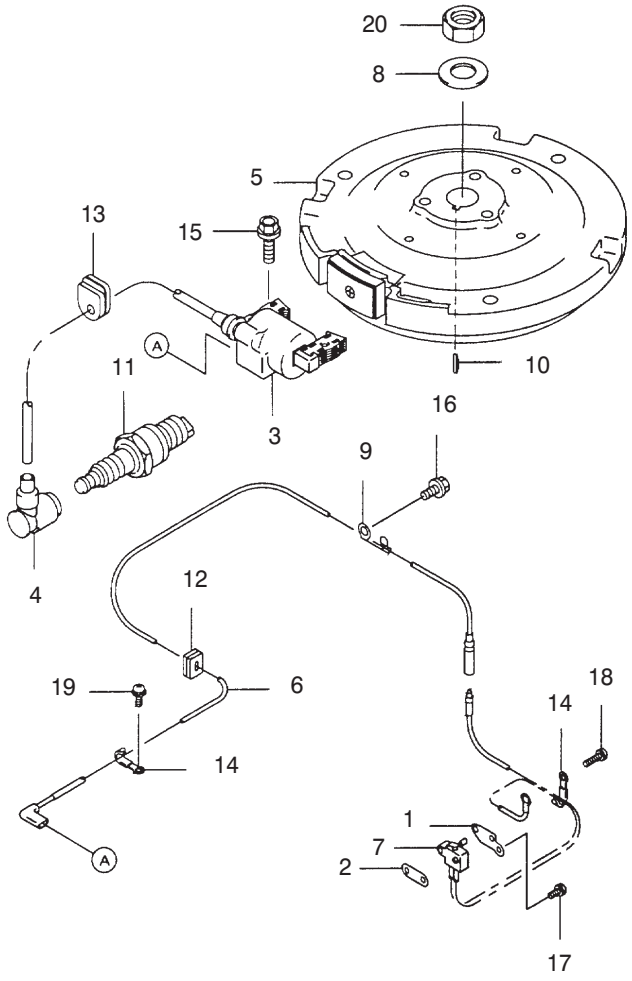

Sheet No.: 205

# Cooling Equipment (Kawasaki FB460V–MS14)

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 130g0610 | 9 | Bolt–Flange |
| 2 | 49089–2199–9H | 1 | Shroud–Engine |
| 3 | 59066–2295–9H | 1 | Housing–Fan |
| 4 | 234b0408 | 2 | Screw |
| 5 | 14024–2038–9H | 1 | Cover |
| 6 | 130b0820 | 3 | Bolt–Flange |
| 7 | 14037–2104–9H | 1 | Screen |
| 8 | 92025–2003 | A/R | Shim T–1.20 |
| 9 | 11044–2084 | 1 | Bracket |
| 10 | 130go614 | 6 | Bolt–Flange |
| 11 | 59066–2677–9H | 1 | Housing–Fan |
| 12 | 92143–2179 | 4 | Collar |
| 13 | 59041–2081 | 1 | Fan |
| 14 | 49089–2181–9H | 1 | Shroud–Engine |

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

Obtain Parts from Kawasaki



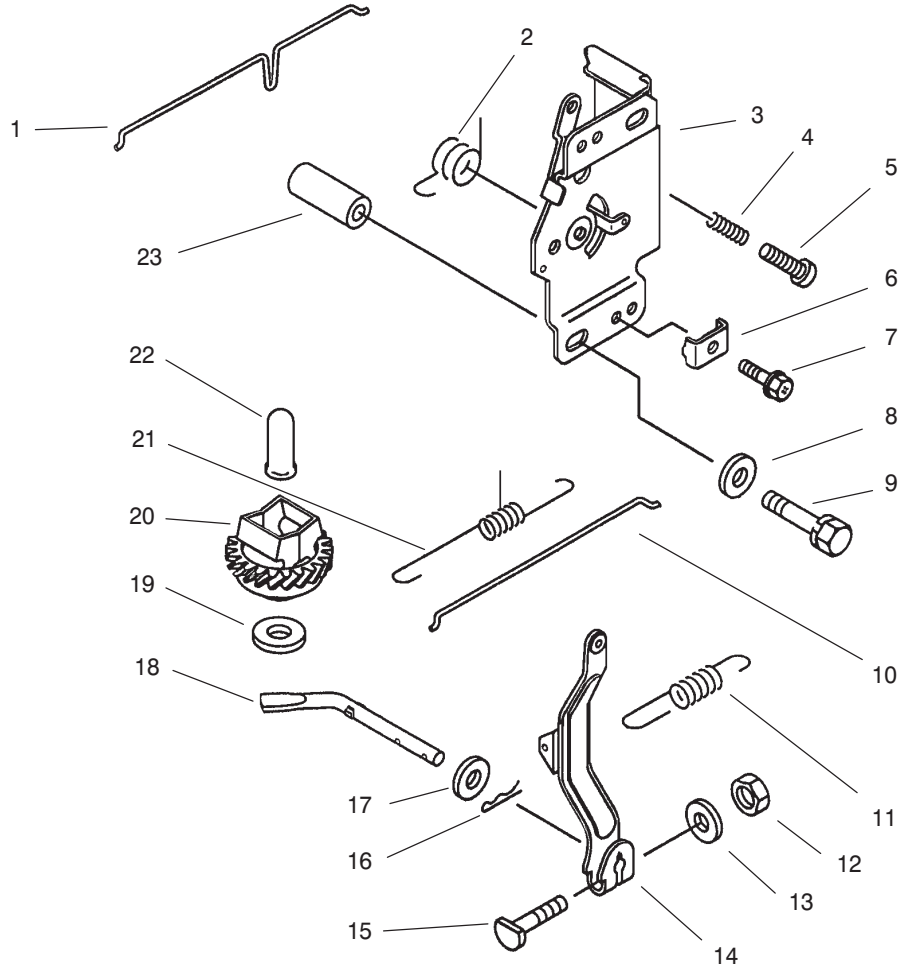

Sheet No.: 206

# Electric Equipment (Kawasaki FB460V–MS14)

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 13183–2373 | 1 | Plate |
| 2 | 13183–2374 | 1 | Plate |
| 3 | 21121–2086 | 1 | Coil–Ignition |
| 4 | 21130–2060 | 1 | Cap–Spark Plug |
| 5 | 21194–2324 | 1 | Flywheel–Comp |
| 6 | 26011–2326 | 1 | Wire–Lead L530 |
| 7 | 27010–2167 | 1 | Switch |
| 8 | 92022–2178 | 1 | Washer |
| 9 | 92037–2011 | 1 | Clamp |
| 10 | 92038–2094 | 1 | Key |
| 11 | 92070–2105 | 1 | Plug–Spark BMR4A (NGK) |
| 12 | 92071–2099 | 1 | Grommet |
| 13 | 92071–2100 | 1 | Grommet |
| 14 | 92170–2029 | 2 | Clamp |
| 15 | 130B0520 | 2 | Bolt–Flanged |
| 16 | 130B0610 | 1 | Bolt–Flanged |
| 17 | 223B0410 | 1 | Screw–Pan Ws Cros |
| 18 | 233B0416 | 1 | Screw–Pan Ws Cros |
| 19 | 234B0408 | 1 | Screw–Pan Wsp |
| 20 | 314G1800 | 1 | Nut–Hex Fine |

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

Obtain Parts from Kawasaki



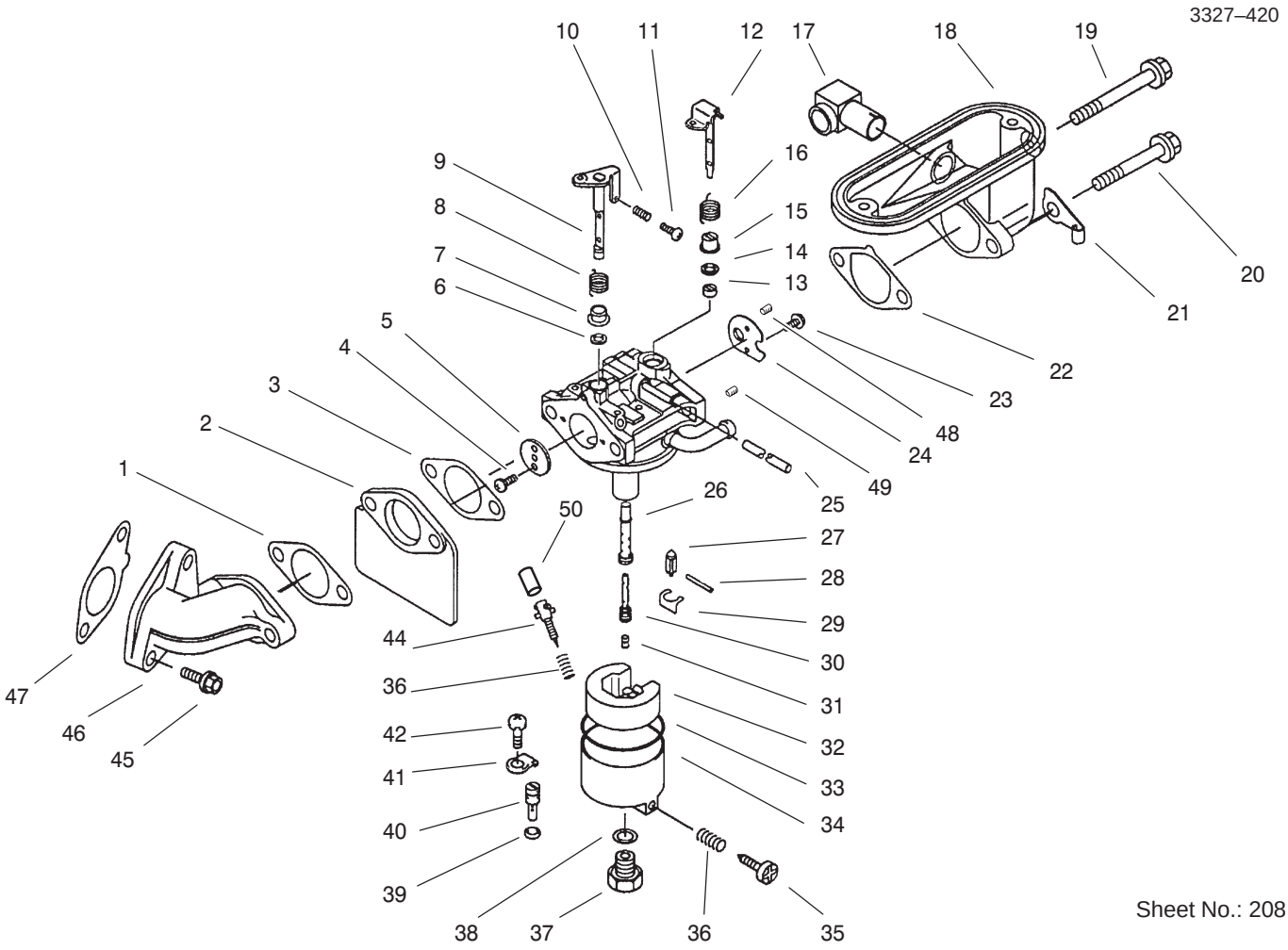

Sheet No.: 207

# Control Equipment (Kawasaki FB460V–MS14)

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 16169–2126 | 1 | Link–Choke |
| 2 | 92081–2316 | 1 | Spring |
| 3 | 49113–2090 | 1 | Panel Incl #2 4–7 |
| 4 | 92144–2266 | 1 | Spring |
| 5 | 214b0416 | 1 | Screw |
| 6 | 92037–2020 | 1 | Clamp |
| 7 | 92002–2188 | 1 | Bolt |
| 8 | 92200–2070 | 2 | Washer |
| 9 | 180b0650 | 2 | Bolt |
| 10 | 16171–2083 | 1 | Link |
| 11 | 92144–2008 | 1 | Spring–Governor |
| 12 | 311b0600 | 1 | Nut–HH |
| 13 | 411b0600 | 1 | Washer |
| 14 | 21187–2052 | 1 | Arm ASM |
| 15 | 92002–2269 | 1 | Bolt |
| 16 | 554a0600 | 1 | Pin–Snap |
| 17 | 92200–2029 | 1 | Washer |
| 18 | 39003–2072 | 1 | Arm–Pivot |
| 19 | 92200–2036 | 1 | Washer |
| 20 | 49110–2084 | 1 | Governor ASM |
| 21 | 92081–2213 | 1 | Spring |
| 22 | 42036–2060 | 1 | Sleeve |
| 23 | 92027–2071 | 2 | Collar |

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

Obtain Parts from Kawasaki



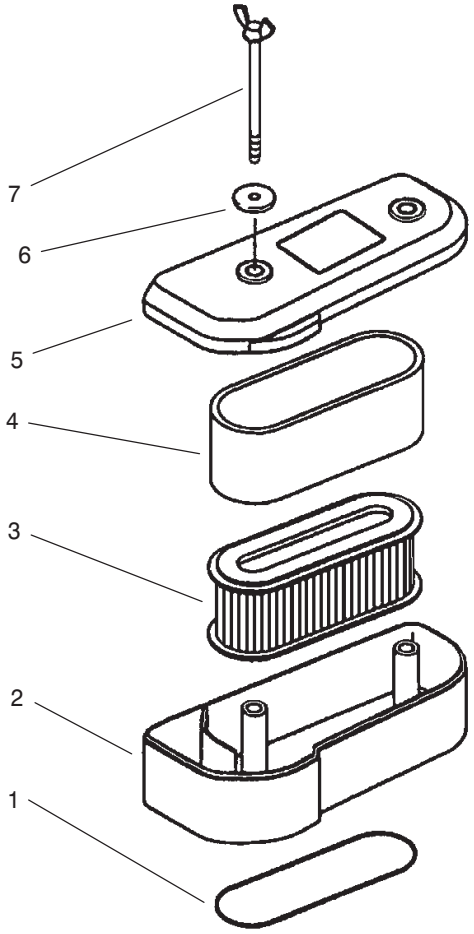

Sheet No.: 208

# Carburetor (Kawasaki FB460V–MS14)

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 0 | 15003–2467 | 1 | Carburetor ASM |
| 1 | 11060–2338 | 1 | Gasket–Intake Pipe |
| 2 | 16073–2091 | 1 | Insulator |
| 3 | 11060–2339 | 2 | Gasket–Carburetor |
| 4 | 92009–2080 | 2 | Screw |
| 5 | 16025–2141 | 1 | Valve–Throttle #110 |
| 6 | 92093–2082 | 1 | Seal |
| 7 | 92027–2025 | 1 | Collar |
| 8 | 92081–2077 | 1 | Spring |
| 9 | 16041–2009 | 1 | Shaft–Throttle |
| 10 | 92081–2046 | 1 | Spring |
| 11 | 92009–2079 | 1 | Screw |
| 12 | 16041–2010 | 1 | Shaft–Choke |
| 13 | 92027–2003 | 1 | Collar |
| 14 | 92093–2069 | 1 | Seal |
| 15 | 92143–2142 | 1 | Collar |
| 16 | 92144–2160 | 1 | Spring |
| 17 | 59071–2062 | 1 | Joint |
| 18 | 16060–2108 | 1 | Pipe–Intake |
| 19 | 92002–2254 | 1 | Bolt |
| 20 | 92002–2253 | 1 | Bolt |
| 21 | 92170–2019 | 1 | Clamp |
| 22 | 11060–2338 | 1 | Gasket |
| 23 | 92009–2081 | 2 | Screw |
| 24 | 16126–2206 | 1 | Valve–Choke |
| 25 | 92059–2266 | 1 | Tube |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 26 | 49121–2207 | 1 | Nozzle–Main #98A |
| 27 | 16030–2073 | 1 | Valve–Float |
| 28 | 92043–2006 | 1 | Pin |
| 29 | 92033–2067 | 1 | Ring–Snap |
| 30 | 49123–2078 | 1 | Holder–Main Jet |
| 31 | 92063–2294 | 1 | Jet–Main |
| 32 | 16031–2066 | 1 | Float |
| 33 | 11009–2024 | 1 | Gasket |
| 34 | 16020–2109 | 1 | Chamber–Float Incl 35 36 |
| 35 | 92009–2015 | 1 | Screw |
| 36 | 92081–2009 | 2 | Spring |
| 37 | 92150–2146 | 1 | Bolt |
| 38 | 11009–2025 | 1 | Gasket |
| 39 | 16038–024 | 1 | Gasket |
| 40 | 92064–2108 | 1 | Jet–Pilot |
| 41 | 13183–2252 | 1 | Plate |
| 42 | 92009–2244 | 1 | Screw |
| 44 | 16014–2076 | 1 | Screw–Pilot Air |
| 45 | 130g0825 | 2 | Bolt–Flange |
| 46 | 16060–2109 | 1 | Pipe–Intake |
| 47 | 11060–2337 | 1 | Gasket–Intake Pipe |
| 48 | 16035–2063 | 1 | Jet–Air #0.9 |
| 49 | 16035–2051 | 1 | Jet–Air #1.4 |
| 50 | 39076–2053 | 1 | Limiter |

Obtain Parts from Kawasaki



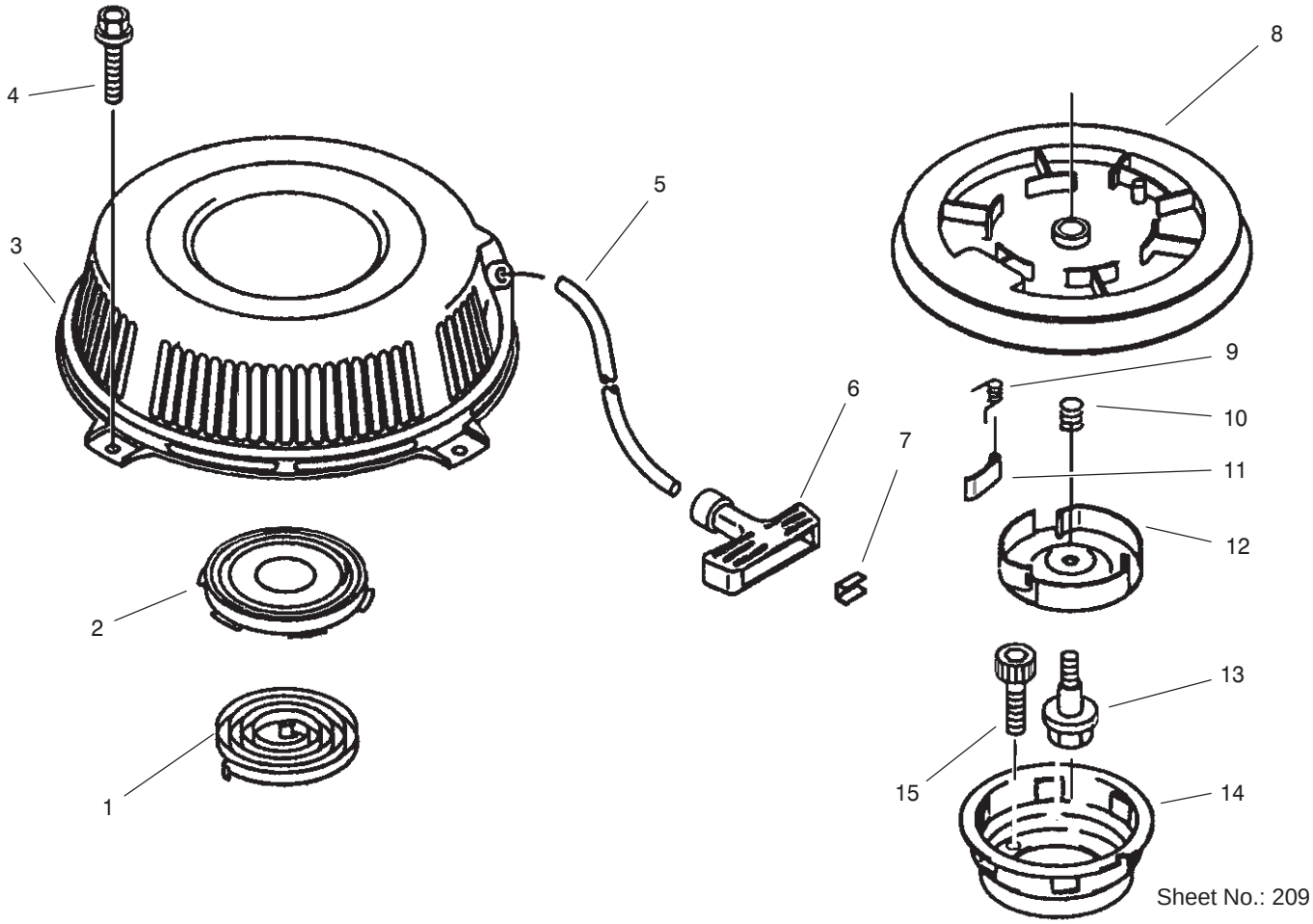

Sheet No.: 210

# Air Filter (Kawasaki FB460V–MS14)

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 11009–2443 | 1 | Gasket–Air Filter |
| 2 | 11011–2174 | 1 | Case–Air Filter |
| 3 | 11013–2021 | 1 | Element–Air Filter |
| 4 | 11013–2020 | 1 | Element–Air Filter |
| 5 | 11012–2192 | 1 | Cap–Air Filter |
| 6 | 92022–2220 | 2 | Washer |
| 7 | 92002–2230 | 2 | Bolt |
| | 11010–2291 | 1 | Filter ASM |

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

Obtain Parts from Kawasaki




Sheet No.: 209

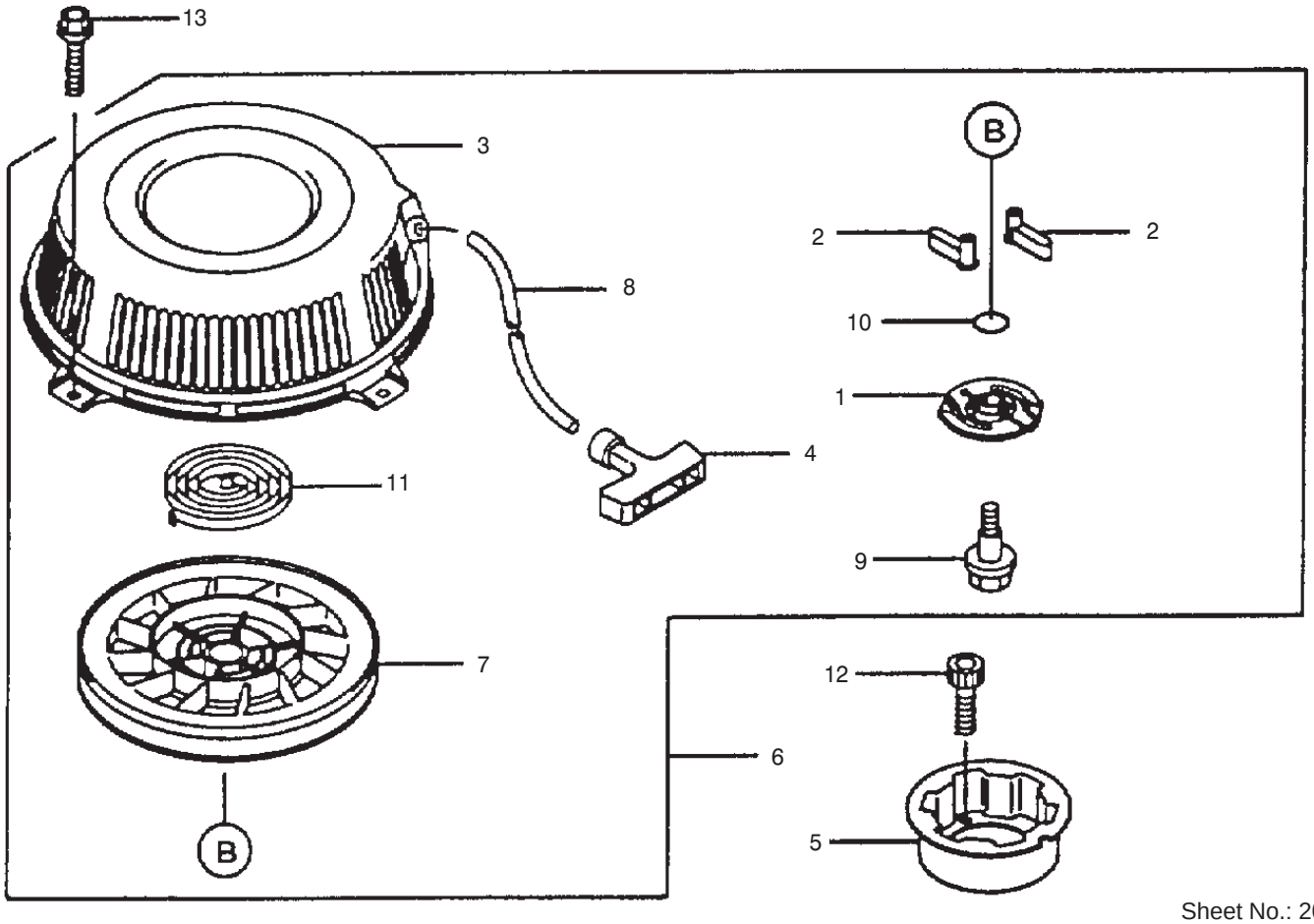
# Starter (Kawasaki FB460V–MS14)

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 90281–2267 | 1 | Spring–Recoil |
| 2 | 32099–2060 | 1 | Case–Spring |
| 3 | 32099–2239–yk | 1 | Case–Recoil Starter |
| 4 | 130b0610 | 4 | Bolt–Flange |
| 5 | 59106–2060 | 1 | Rope–Starter |
| 6 | 46075–2059 | 1 | Grip–Starter Rope |
| 7 | 92022–2248 | 1 | Washer |
| 8 | 59101–2054 | 1 | Reel–Recoil Starter |
| 9 | 92081–2021 | 3 | Spring |
| 10 | 92081–2268 | 1 | Spring–Return |
| 11 | 13165–2073 | 3 | Pawl–Recoil Starter |
| 12 | 14020–2054 | 1 | Retainer–Recoil |
| 13 | 92001–2027 | 1 | Bolt |
| 14 | 49080–2144 | 1 | Pulley–Starting |
| 15 | 120p0620 | 3 | Bolt–Socket |
| 16 | 49088–2412–yk | 1 | Starter Incl #1–5 8–14 |

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

Obtain Parts from Kawasaki

3327–420



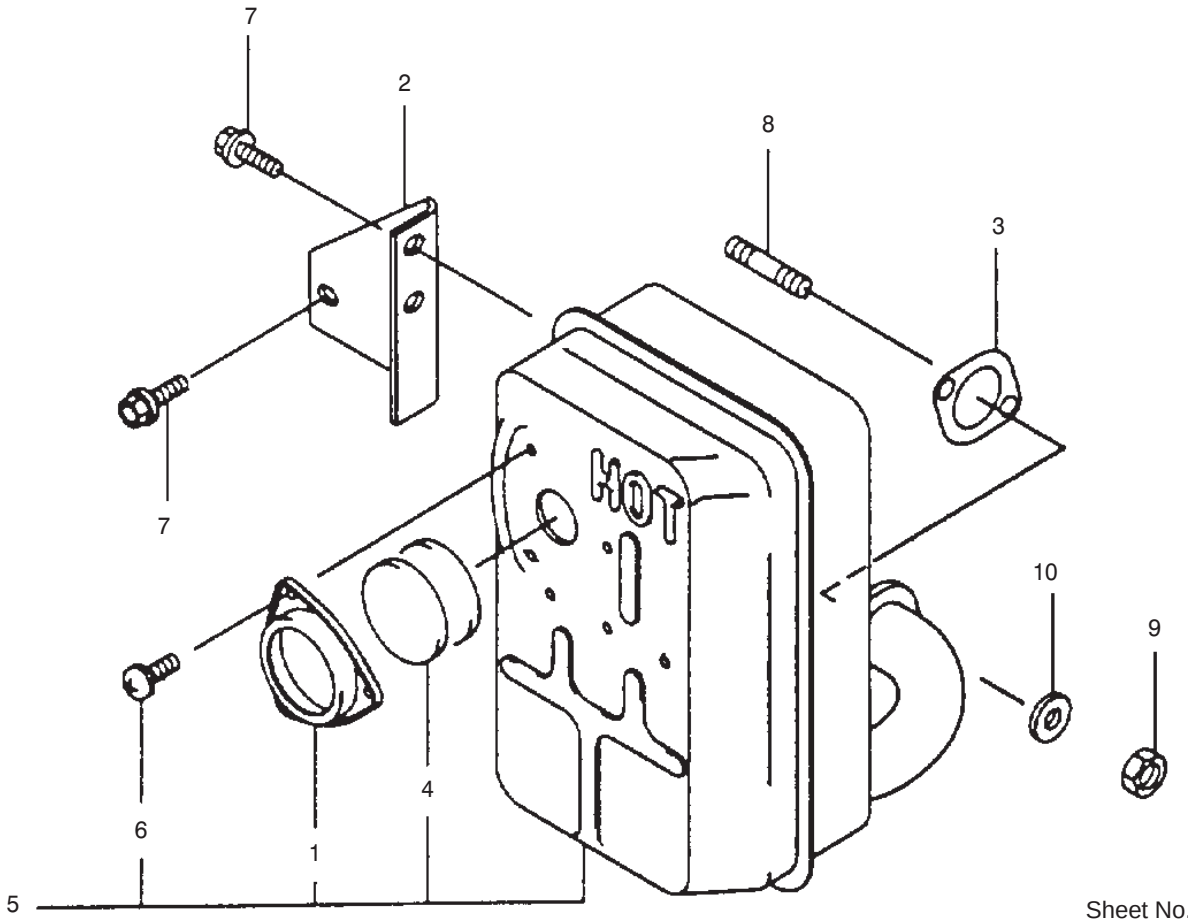

Sheet No.: 209

# Starter (Kawasaki FB460V–MS14)

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 10370–2102 | 1 | Guide |
| 2 | 13165–2092 | 2 | Pawl–Recoil Starter |
| 3 | 32099–2308–9H | 1 | Case–Spring |
| 4 | 46075–2106 | 1 | Grip–Recoil Starter |
| 5 | 49080–2176 | 1 | Pulley–Starting |
| 6 | 49088–2473–9H | 1 | Starter–Recoil |
| 7 | 59101–2103 | 1 | Reel–Recoil Starter |
| 8 | 59106–2082 | 1 | Rope |
| 9 | 92009–2382 | 1 | Screw |
| 10 | 92033–2175 | 1 | Ring–Snap |
| 11 | 92144–2399 | 1 | Spring |
| 12 | 120P0620 | 3 | Bolt–Socket |
| 13 | 130B0610 | 4 | Bolt–Flanged |

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

Obtain Parts from Kawasaki




Sheet No.: 211

# Muffler (Kawasaki FB460V–MS14)

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 11012–2251–9Y | 1 | Cap–Spark Arrester |
| 2 | 11046–2163–9Y | 1 | Bracket |
| 3 | 11060–2379 | 1 | Gasket |
| 4 | 18077–2052 | 2 | Arrester–Spark |
| 5 | 49069–2210–9Y | 1 | Muffler Assembly |
| 6 | 92009–2166 | 3 | Screw |
| 7 | 130G0812 | 4 | Bolt–Flanged |
| 8 | 171G0818 | 2 | Bolt–Stud |
| 9 | 317R0800 | 2 | Nut–Hex Small |
| 10 | 461F0800 | 2 | Washer–Spring |

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

Obtain Parts from Kawasaki


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