



## Mid–Size Mower

### ProLine Gear with 44" Side Discharge Mower

Model No. 30259—210010001 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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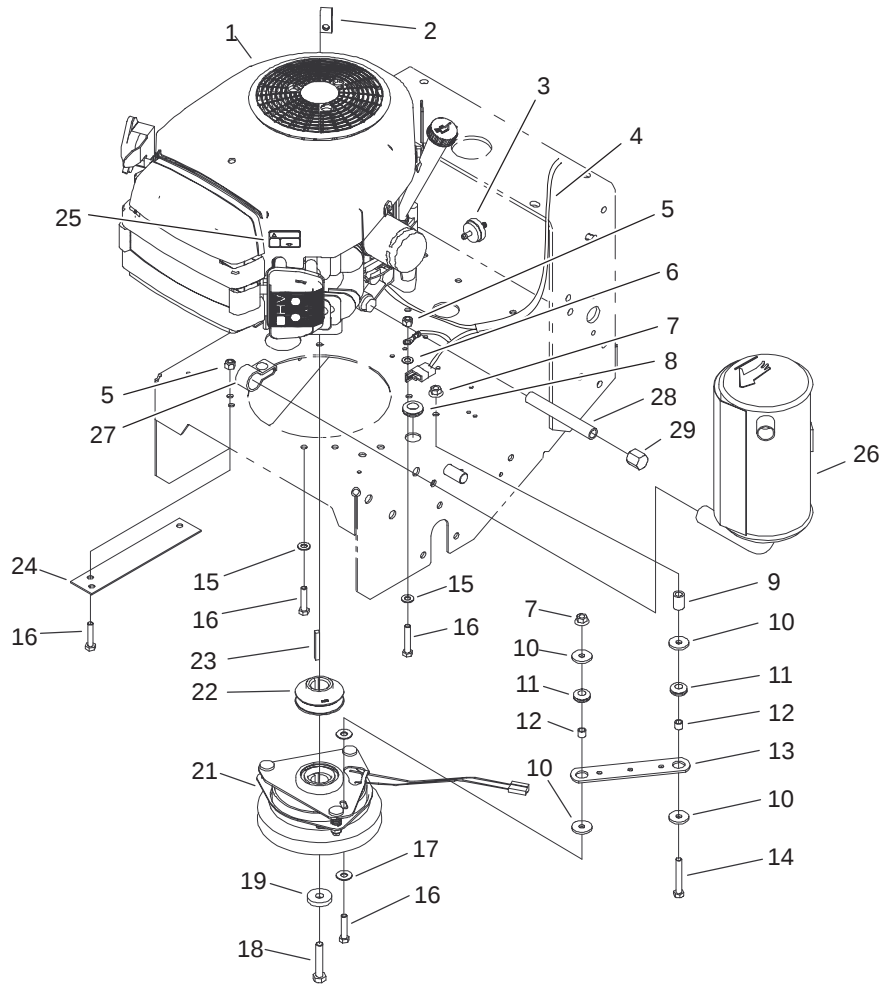
## Accessories

| Description                          | Model / Part No. | Description                  | Model / Part No. |
|--------------------------------------|------------------|------------------------------|------------------|
| Midsize Sully .....                  | 30123            | 44in Deck Recycler Kit ..... | 59220            |
| ProLine Midsize Platform Sully ..... | 30110            | Z Recycler Kit (44in) .....  | 59226            |
| Hourmeter Kit .....                  | 105–2695         | Atomic Blade Asm .....       | 104–1300         |
| 36/44/52/62in Soft Bagger F/D .....  | 30104            | High Sail Blade .....        | 55–4940          |
| 36/44/52/62in Steel Bagger F/D ..... | 30107            | Recycler Blade .....         | 92–7952          |
| 44/52in Striping Kit .....           | 30121            |                              |                  |

## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

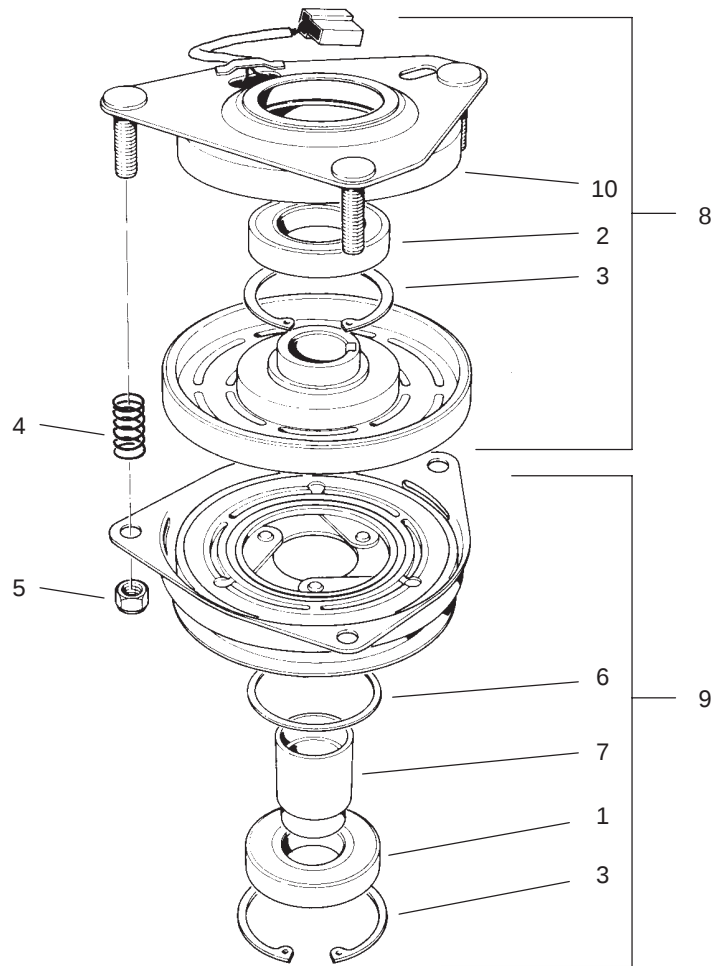


Sheet No.: 4

## Engine and Clutch Assembly

| Ref. No. | Part No.   | Qty. | Description                  |
|----------|------------|------|------------------------------|
| 1        |            | 1    | Engine-Kawasaki, Fh500v-As25 |
| 2        | 2412-87    | 1    | Clamp-Cable                  |
| 3        | 56-6360    | 1    | Filter-Fuel                  |
| 4        | 104-8137   | 1    | Harness-Wire                 |
| 5        | 3296-29    | 4    | Nut-Lock, NI                 |
| 6        | 3255-8     | 1    | Washer-Lock/Ext              |
| 7        | 32128-20   | 2    | Nut-HF                       |
| 8        | 237-124    | 1    | Grommet                      |
| 9        | 104-6373   | 1    | Tube-Retainer                |
| 10       | 1-613235   | 4    | Washer                       |
| 11       | 1-633630   | 2    | Grommet-Brake                |
| 12       | 1-633545   | 2    | Spacer-Grommet               |
| 13       | 1-633543   | 1    | Strap-Clutch/Brake           |
| 14       | 322-11     | 1    | Screw-HH                     |
| 15       | 3256-23    | 2    | Washer-Flat                  |
| 16       | 322-7      | 5    | Screw-HH                     |
| 17       | 3256-3     | 2    | Washer-Flat                  |
| 18       | 3212-9     | 1    | Screw-HH                     |
| 19       | 112843     | 1    | Washer                       |
| 21       | 54-3200    | 1    | Clutch/Brake                 |
| 22       | 105-0827   | 1    | Pulley-Drive                 |
| 23       | 608006     | 1    | Key                          |
| 24       | 94-5847-01 | 1    | Cover-Pulley                 |
| 25       | 63-8440    | 1    | Decal-Surface, Hot           |
| 26       | 100-6467   | 1    | Muffler                      |

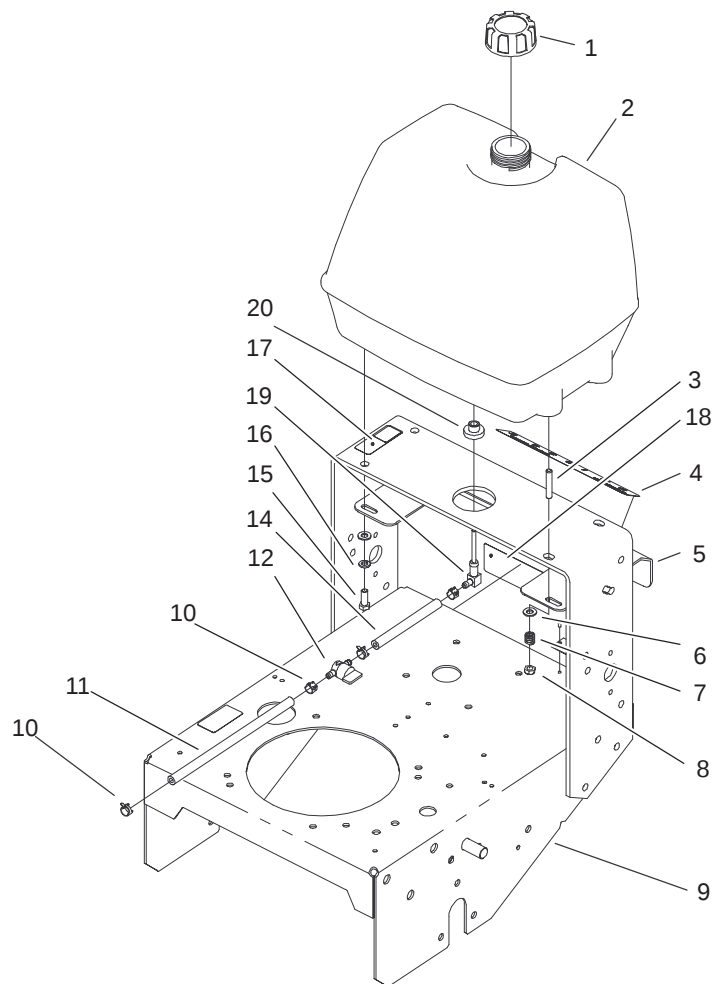
| Ref. No. | Part No. | Qty. | Description   |
|----------|----------|------|---------------|
| 27       | 100-6468 | 1    | Clamp-Muffler |
| 28       | 289-19   | 1    | Nipple        |
| 29       | 288-10   | 1    | Cap-Pipe      |



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T-3726

Clutch Assembly No. 54-3200

| Ref. No. | Part No. | Qty. | Description                    | Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|--------------------------------|----------|----------|------|-------------|
| 1        | 251-291  | 1    | Bearing-Pulley                 |          |          |      |             |
| 2        | 251-292  | 1    | Bearing-Field                  |          |          |      |             |
| 3        | 44-8310  | 2    | Ring-Retaining                 |          |          |      |             |
| 4        | 44-8320  | 3    | Spring                         |          |          |      |             |
| 5        | 3296-6   | 3    | Nut-Lock, NI                   |          |          |      |             |
| 6        | 44-8330  | 1    | Spacer-Bearing, Pulley         |          |          |      |             |
| 7        | 44-8340  | 1    | Collar-Bearing                 |          |          |      |             |
| 8        | 44-8360  | 1    | Field Coil, Rotor, Bearing ASM |          |          |      |             |
| 9        | 44-8370  | 1    | Armature Pulley Bearing ASM    |          |          |      |             |
| 10       | 54-0230  | 1    | Field Bearing ASM              |          |          |      |             |

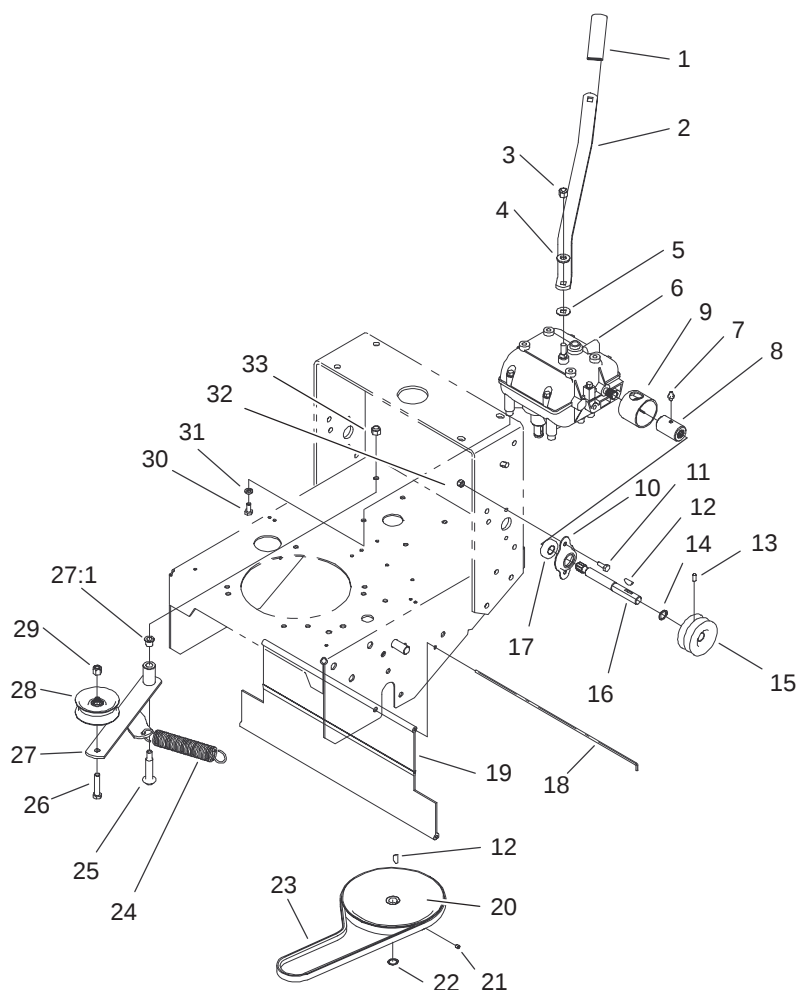


Sheet No.: 5

## Fuel Tank Assembly

| Ref. No. | Part No.    | Qty. | Description          | Ref. No. | Part No. | Qty. | Description |
|----------|-------------|------|----------------------|----------|----------|------|-------------|
| 1        | 55-3570     | 1    | Gas Cap ASM          |          |          |      |             |
| 2        | 1-323551    | 1    | Tank-Fuel            |          |          |      |             |
| 3        | 104-8121    | 2    | Stud-Threaded        |          |          |      |             |
| 4        | 98-3256     | 1    | Decal-Speed, Ground  |          |          |      |             |
| 5        | 104-8102-01 | 1    | Plate-Gate, Shift    |          |          |      |             |
| 6        | 3256-23     | 4    | Washer-Flat          |          |          |      |             |
| 7        | 1-633349    | 2    | Spring-Tank, Fuel    |          |          |      |             |
| 8        | 3296-47     | 2    | Nut-Lock, NI         |          |          |      |             |
| 9        | 105-4666-01 | 1    | Traction Frame ASM   |          |          |      |             |
| 10       | 2412-98     | 4    | Clamp                |          |          |      |             |
| 11       | 47-2982     | 1    | Hose-Gas             |          |          |      |             |
| 12       | 1-603770    | 1    | Valve-Fuel           |          |          |      |             |
| 14       | 47-2980     | 1    | Hose-Gas             |          |          |      |             |
| 15       | 322-4       | 2    | Screw-HH             |          |          |      |             |
| 16       | 3253-4      | 2    | Washer-Lock          |          |          |      |             |
| 17       | 95-2814     | 1    | Decal-Shut Off, Fuel |          |          |      |             |
| 18       | 98-0776     | 1    | Decal-Caution        |          |          |      |             |
| 19       | 1-543277    | 1    | Elbow-Tank, Fuel     |          |          |      |             |
| 20       | 1-513645    | 1    | Bushing-Valve, Fuel  |          |          |      |             |

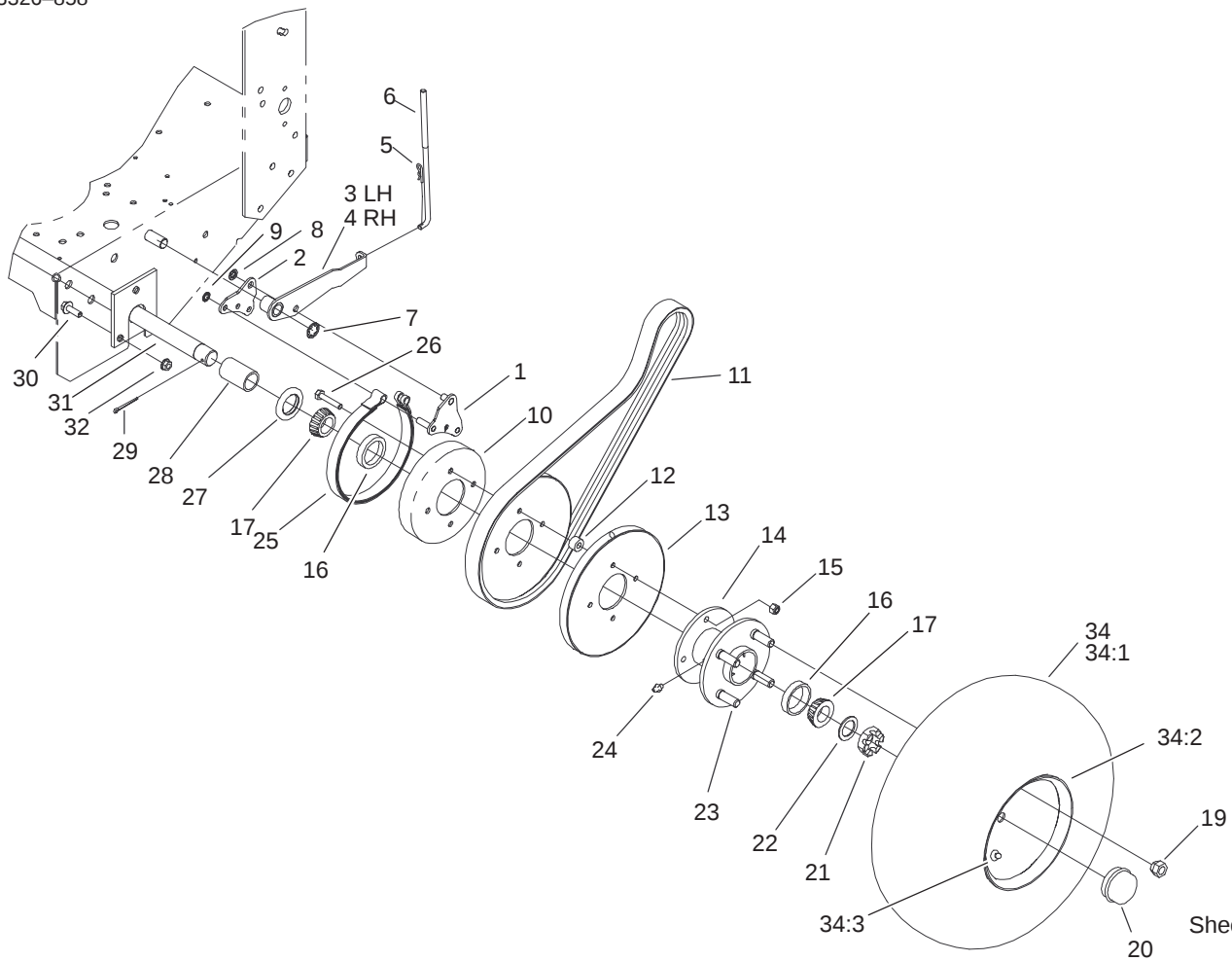




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## Transmission and Drive System Assembly

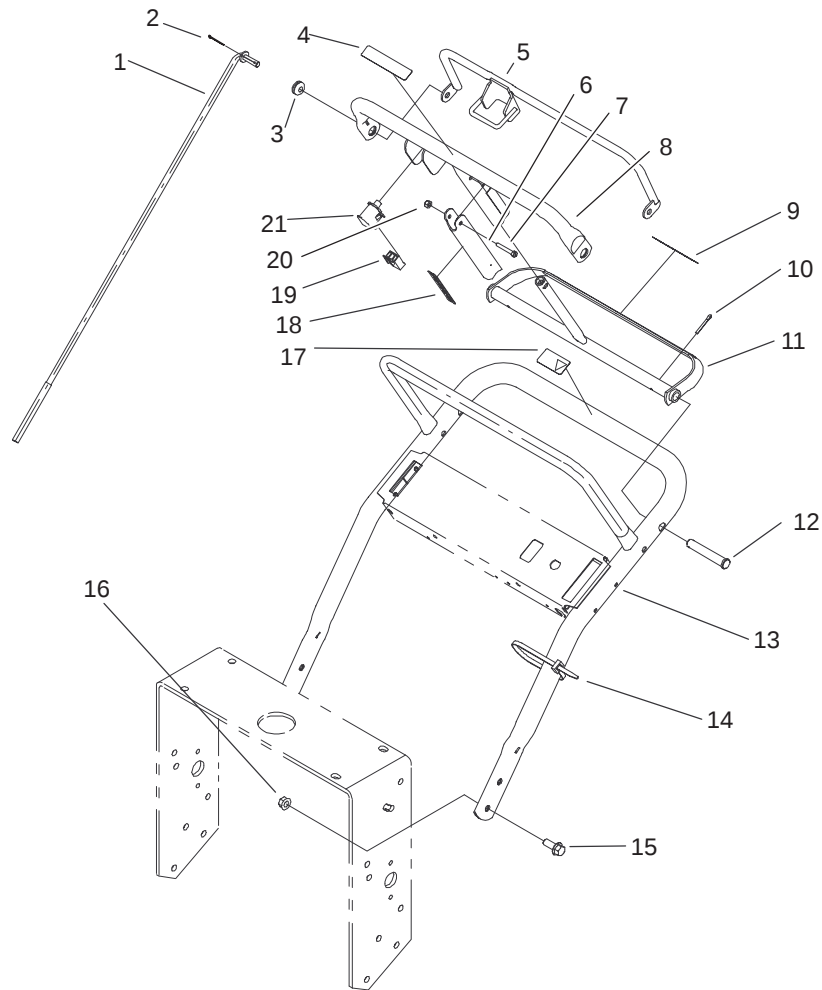
| Ref. No. | Part No.   | Qty. | Description           | Ref. No. | Part No. | Qty. | Description    |
|----------|------------|------|-----------------------|----------|----------|------|----------------|
| 1        | 47-1970    | 1    | Grip                  | 27       | 16-7509  | 1    | Lever-Idler    |
| 2        | 98-3274-03 | 1    | Lever-Shift           | 27:1     | 256-155  | 2    | Bushing-Flange |
| 3        | 3296-6     | 1    | Nut-Lock, NI          | 28       | 62-4540  | 1    | Pulley         |
| 4        | 98-5975    | 1    | Washer-Belleville     | 29       | 3296-39  | 1    | Nut-Lock, NI   |
| 5        | 1-323379   | 1    | Washer-Lever, Shifter | 30       | 322-2    | 4    | Screw-HH       |
| 6        | 1-323500   | 1    | Transmission          | 31       | 3253-4   | 4    | Washer-Lock    |
| 7        | 302-5      | 2    | Fitting-Grease        | 32       | 3296-42  | 4    | Nut-Lock, NI   |
| 8        | 98-0789    | 2    | Coupler               | 33       | 3296-6   | 1    | Nut-Lock, NI   |
| 9        | 51-4220    | 2    | Guard-Coupler         |          |          |      |                |
| 10       | 1-323254   | 2    | Flange-Output         |          |          |      |                |
| 11       | 321-4      | 4    | Screw-HH              |          |          |      |                |
| 12       | 3257-5     | 3    | Key-Woodruff          |          |          |      |                |
| 13       | 3245-9     | 2    | Screw-Set             |          |          |      |                |
| 14       | 32151-62   | 2    | Ring-Retaining        |          |          |      |                |
| 15       | 105-0828   | 2    | Pulley-Transmission   |          |          |      |                |
| 16       | 104-1102   | 2    | Shaft-Output          |          |          |      |                |
| 17       | 1-323252   | 2    | Bearing-Shaft         |          |          |      |                |
| 18       | 95-1529    | 1    | Rod-Shield            |          |          |      |                |
| 19       | 95-1526    | 1    | Shield-Trailing       |          |          |      |                |
| 20       | 51-4190    | 1    | Pulley-Driven         |          |          |      |                |
| 21       | 3245-1     | 1    | Screw-Set, HSH        |          |          |      |                |
| 22       | 32120-64   | 1    | Ring-Snap, External   |          |          |      |                |
| 23       | 26-9671    | 1    | V-Belt                |          |          |      |                |
| 24       | 68-2190    | 1    | Spring                |          |          |      |                |
| 25       | 27-6230    | 1    | Bolt-Wheel            |          |          |      |                |
| 26       | 323-9      | 1    | Screw-HH              |          |          |      |                |



## Wheel Drive and Brake System Assembly

| Ref. No. | Part No.    | Qty. | Description              |
|----------|-------------|------|--------------------------|
| 1        | 105-4652-01 | 2    | Brake Link ASM           |
| 2        | 105-4651-01 | 2    | Plate-Link, Brake        |
| 3        | 105-4667-01 | 1    | LH Brake Arm ASM         |
| 4        | 105-4668-01 | 1    | RH Brake Arm ASM         |
| 5        | 3290-307    | 2    | Pin-Hair                 |
| 6        | 51-4580     | 2    | Rod-Brake                |
| 7        | 32151-40    | 2    | Ring-Retaining           |
| 8        | 32151-56    | 2    | Ring-Retaining, External |
| 9        | 32151-72    | 4    | Ring-Retaining           |
| 10       | 1-323261    | 2    | Drum-Brake               |
| 11       | 104-8152    | 2    | Belt-Drive, Traction     |
| 12       | 51-4170     | 8    | Spacer-Pulley            |
| 13       | 51-4160-03  | 4    | Pulley-Wheel             |
| 14       | 1-413333    | 2    | Hub-Wheel W/Cups         |
| 15       | 3296-29     | 8    | Nut-Lock, NI             |
| 16       | 254-72      | 4    | Bearing-Cup, Tapered     |
| 17       | 254-94      | 4    | Bearing-Cone, Taper      |
| 19       | 242-50      | 8    | Nut-Lug                  |
| 20       | 241-119     | 2    | Cap-Dust                 |
| 21       | 1-809082    | 2    | Nut-Shh                  |
| 22       | 1-523157    | 2    | Washer-Spacer            |
| 23       | 1-633926    | 8    | Stud-Wheel               |
| 24       | 302-19      | 2    | Fitting-Grease           |
| 25       | 1-323262    | 2    | Band-Brake               |
| 26       | 322-8       | 8    | Screw-HH                 |

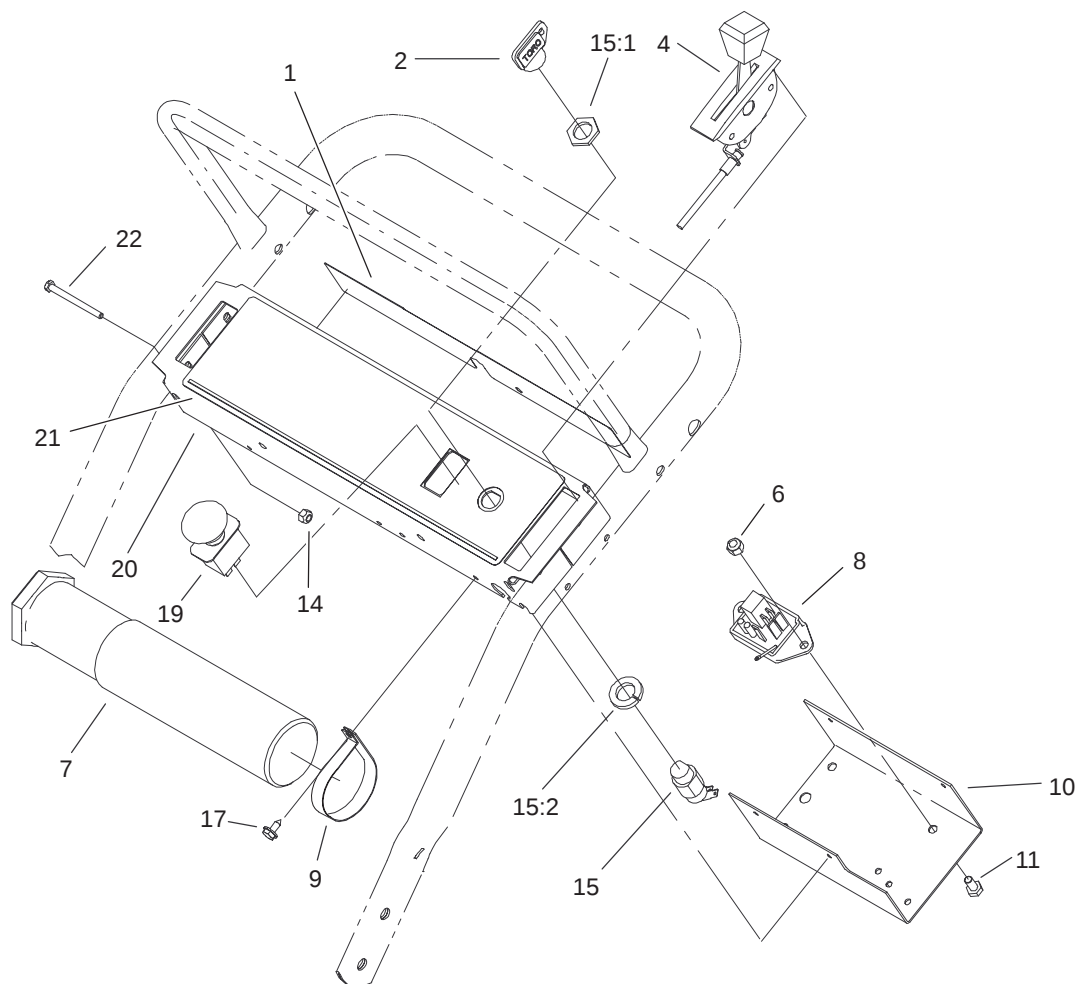
| Ref. No. | Part No.    | Qty. | Description        |
|----------|-------------|------|--------------------|
| 27       | 1-543511    | 2    | Seal-Grease        |
| 28       | 104-1197    | 2    | Spacer-Wheel       |
| 29       | 1-806800    | 2    | Pin-Cotter         |
| 30       | 3234-11     | 6    | Screw-HHF          |
| 31       | 104-1196-01 | 1    | Axle ASM           |
| 32       | 32128-21    | 6    | Nut-HF             |
| 34       | 104-1198    | 2    | Wheel And Tire ASM |
| 34:1     | 104-6320    | 1    | Tire               |
| 34:2     | 104-1199    | 1    | Wheel              |
| 34:3     | 232-27      | 1    | Stem-Valve         |



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## Handle Assembly

| Ref. No. | Part No.   | Qty. | Description              |
|----------|------------|------|--------------------------|
| 1        | 82-7631    | 2    | Rod-Control              |
| 2        | 3272-4     | 2    | Pin-Cotter               |
| 3        | 237-141    | 2    | Grommet-Rubber           |
| 4        | 82-2290    | 1    | Decal-Bar, Control       |
| 5        | 82-7680-03 | 1    | Bail                     |
| 6        | 51-4850-03 | 1    | Lever-Brake, Parking     |
| 7        | 32105-1    | 1    | Screw-Shh                |
| 8        | 82-7690-03 | 1    | Bar-Control              |
| 9        | 82-2280    | 1    | Decal-Handle,<br>Reverse |
| 10       | 3272-11    | 2    | Pin-Cotter               |
| 11       | 99-8501-03 | 1    | Control-Pivot            |
| 12       | 283-55     | 2    | Pin-Clevis               |
| 13       | 67-6440-03 | 1    | Handle-Upper             |
| 14       | 3290-378   | 1    | Tie-Cable                |
| 15       | 3234-11    | 4    | Screw-HHF                |
| 16       | 32128-21   | 4    | Nut-HF                   |
| 17       | 98-4387    | 1    | Decal-Protection, Ear    |
| 18       | 52-2010    | 1    | Decal-Lever, Parking     |
| 19       | 218-595    | 1    | Connector-Body           |
| 20       | 3296-2     | 1    | Nut-Lock                 |
| 21       | 82-2190    | 1    | Switch-Bail              |

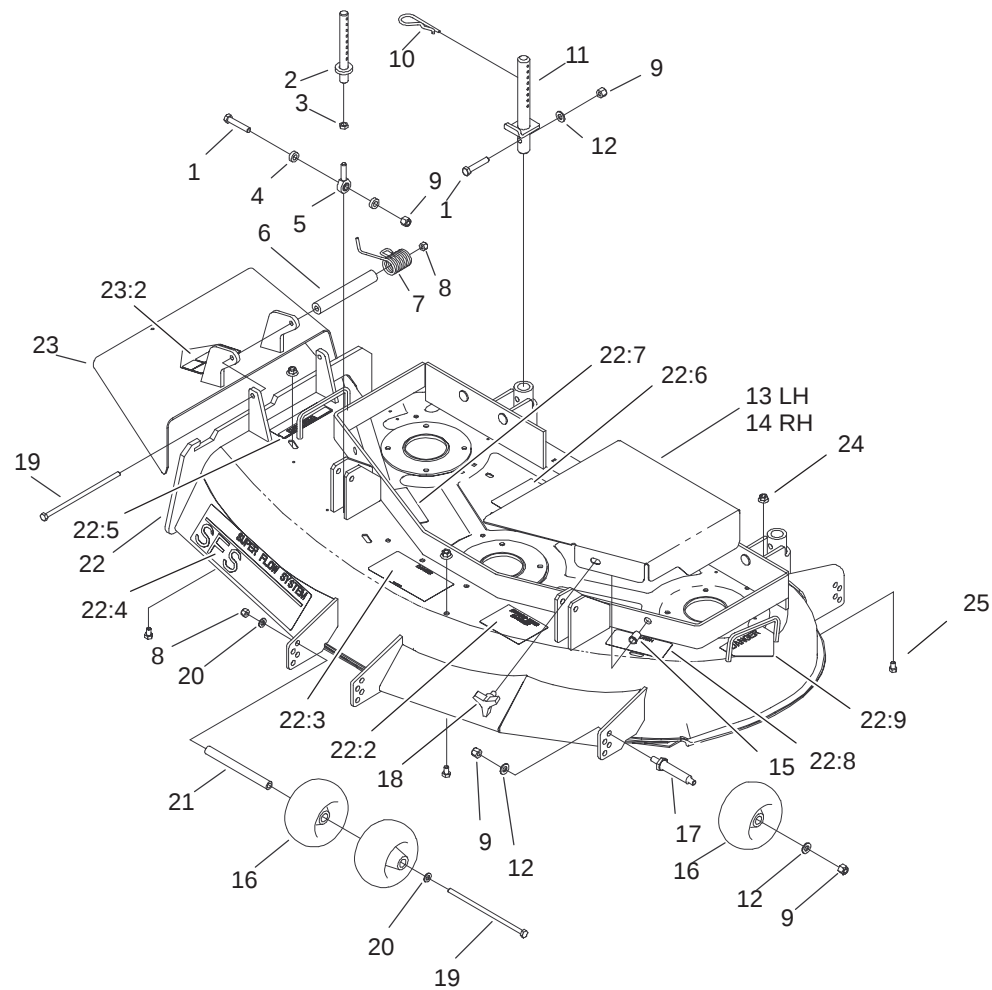


Sheet No.: 10

## Control Panel Assembly

| Ref. No. | Part No.    | Qty. | Description           |
|----------|-------------|------|-----------------------|
| 1        | 105-0884    | 1    | Decal-Danger          |
| 2        | 63-8360     | 2    | Key-Ignition          |
| 4        | 100-6450    | 1    | Control-Throttle      |
| 6        | 3296-42     | 1    | Nut-Lock, NI          |
| 7        | 74-0720     | 1    | Tube-Manual           |
| 8        | 104-8141    | 1    | Module-Delay          |
| 9        | 2412-120    | 2    | R-Clamp               |
| 10       | 93-1187-03  | 1    | Panel-Bottom          |
| 11       | 321-2       | 1    | Screw-HH              |
| 14       | 3296-2      | 4    | Nut-Lock              |
| 15       | 29-5560     | 1    | Switch-On/Off         |
| 15:1     | 218-461     | 1    | Nut-HH                |
| 15:2     | 3254-5      | 1    | Washer-Lock, Internal |
| 17       | 32104-76    | 4    | Screw                 |
| 19       | 104-8140    | 1    | Switch-PTO            |
| 20       | 104-8177-03 | 1    | Panel-Control         |
| 21       | 104-8180    | 1    | Decal-Panel, Control  |
| 22       | 32105-14    | 4    | Screw                 |

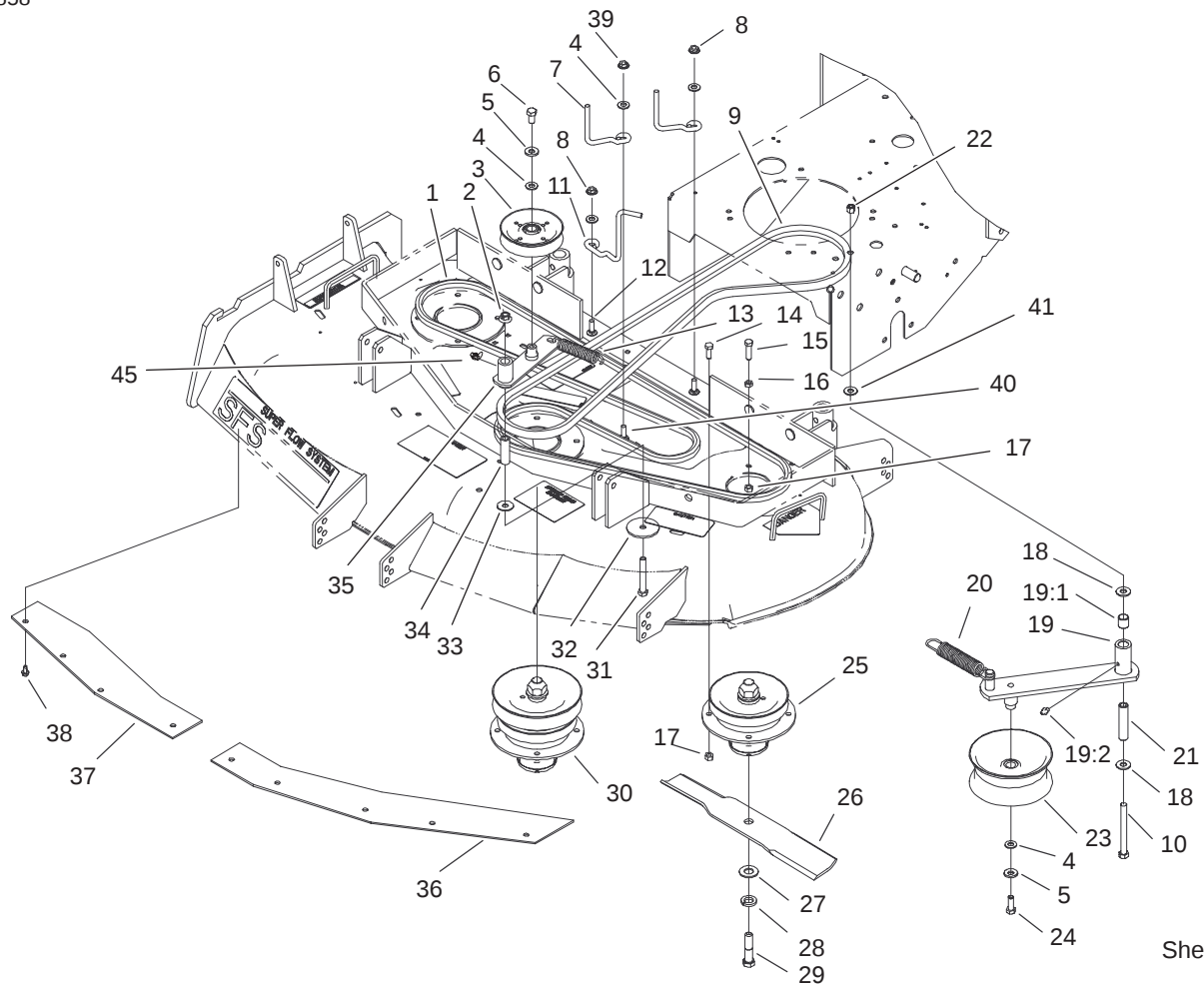
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



Sheet No.: 2

## Deck Assembly

| Ref. No. | Part No.    | Qty. | Description                | Ref. No. | Part No. | Qty. | Description             |
|----------|-------------|------|----------------------------|----------|----------|------|-------------------------|
| 1        | 323-10      | 4    | Screw-HH                   | 22:5     | 104-8569 | 1    | Decal-Deflector Warning |
| 2        | 105-0832    | 2    | Link-Support               | 22:6     | 104-8186 | 1    | Decal-Belt Routing      |
| 3        | 3220-3      | 2    | Nut-Jam                    | 22:7     | 67-5360  | 3    | Decal-Danger            |
| 4        | 104-1156    | 4    | Spacer                     | 22:8     | 68-8340  | 1    | Decal-Torque            |
| 5        | 1-613204    | 2    | Balljoint                  | 22:9     | 43-8480  | 1    | Decal-Danger            |
| 6        | 104-8555    | 1    | Spacer-Mounting, Deflector | 23       | 104-7783 | 1    | Deflector ASM           |
| 7        | 104-8554    | 1    | Spring-Torsion             | 23:2     | 54-9220  | 1    | Decal-Danger            |
| 8        | 3296-29     | 2    | Nut-Lock                   | 24       | 32128-20 | 3    | Nut-HF                  |
| 9        | 3296-39     | 8    | Nut-Lock, NI               | 25       | 322-1    | 3    | Screw-HH                |
| 10       | 3290-256    | 6    | Pin-Hair                   |          |          |      |                         |
| 11       | 105-0831    | 2    | Rod ASM                    |          |          |      |                         |
| 12       | 3256-24     | 6    | Washer-Flat                |          |          |      |                         |
| 13       | 104-8117-01 | 1    | Cover-Belt, Left           |          |          |      |                         |
| 14       | 104-8118-01 | 1    | Cover-Belt, Right          |          |          |      |                         |
| 15       | 32148-10    | 2    | Insert-Threaded            |          |          |      |                         |
| 16       | 68-2730     | 4    | Gage-Wheel                 |          |          |      |                         |
| 17       | 99-2842     | 2    | Spacer-Wheel               |          |          |      |                         |
| 18       | 104-8587    | 2    | Knob                       |          |          |      |                         |
| 19       | 322-50      | 2    | Screw-Cap                  |          |          |      |                         |
| 20       | 3256-23     | 2    | Washer-Flat                |          |          |      |                         |
| 21       | 98-5967     | 1    | Spacer - Wheel             |          |          |      |                         |
| 22       | 104-6392    | 1    | 44" Deck ASM               |          |          |      |                         |
| 22:2     | 105-0840    | 1    | Decal-Anti Scalp           |          |          |      |                         |
| 22:3     | 66-1340     | 1    | Decal-Danger               |          |          |      |                         |
| 22:4     | 98-8028     | 1    | Decal-Sfs 44"              |          |          |      |                         |

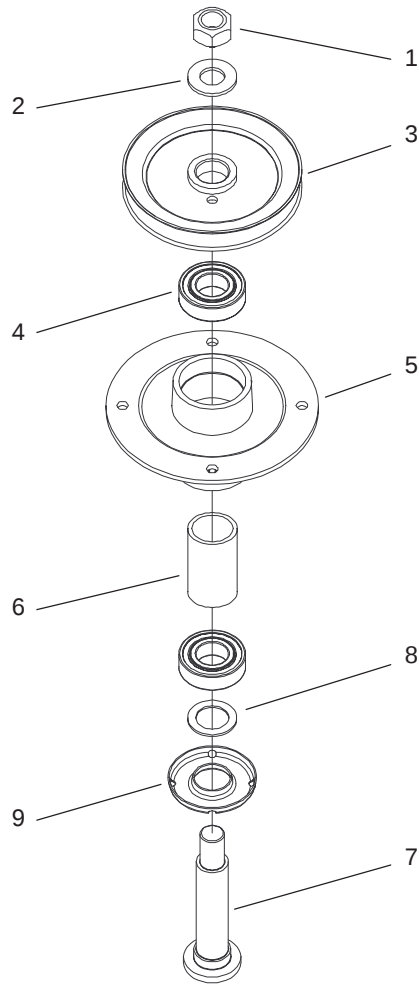


Sheet No.: 3

## Spindle, Idler Pulley and Belt Assembly

| Ref. No. | Part No.   | Qty. | Description       |
|----------|------------|------|-------------------|
| 1        | 27-1160    | 1    | V-Belt, Deck      |
| 2        | 32128-19   | 1    | Nut-HF            |
| 3        | 65-5940    | 1    | Pulley-Idler      |
| 4        | 3256-24    | 5    | Washer-Flat       |
| 5        | 98-5975    | 2    | Washer-Belleville |
| 6        | 323-4      | 1    | Screw-HH          |
| 7        | 52-4780    | 2    | Rod-Belt          |
| 8        | 32128-13   | 2    | Nut-HF            |
| 9        | 104-8120   | 1    | V-Belt, PTO       |
| 10       | 323-42     | 1    | Screw-HH          |
| 11       | 105-0852   | 1    | Guide-Belt        |
| 12       | 3230-2     | 2    | Screw-CARR        |
| 13       | 54-2730-03 | 1    | Spring-Extension  |
| 14       | 322-4      | 11   | Screw-HH          |
| 15       | 322-6      | 1    | Screw-HH          |
| 16       | 3218-2     | 1    | Nut-Jam           |
| 17       | 32152-1    | 12   | Nut-Lock, NI      |
| 18       | 1-809107   | 2    | Washer-Hardened   |
| 19       | 104-6370   | 1    | Idler Arm ASM     |
| 19:1     | 1-513034   | 2    | Sleeve-Bearing    |
| 19:2     | 302-5      | 1    | Fitting-Grease    |
| 20       | 104-8161   | 1    | Spring-Extension  |
| 21       | 104-6377   | 1    | Tube - Idler      |
| 22       | 3296-39    | 1    | Nut-Lock, NI      |
| 23       | 1-413099   | 1    | Pulley-Idler      |
| 24       | 323-6      | 1    | Screw-HH          |

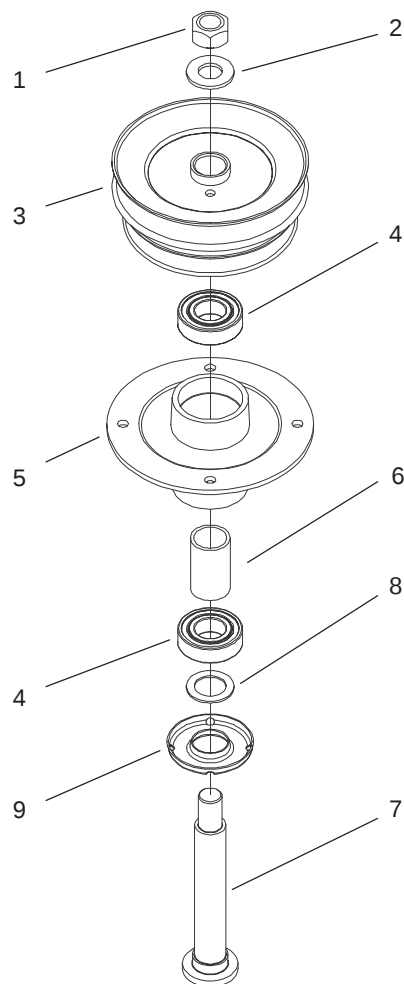
| Ref. No. | Part No.    | Qty. | Description         |
|----------|-------------|------|---------------------|
| 25       | 104-6316    | 2    | Spindle Housing ASM |
| 26       | 54-0010     | 3    | Blade               |
| 27       | 3256-27     | 3    | Washer-Flat         |
| 28       | 3253-8      | 3    | Washer-Lock         |
| 29       | 51-4060     | 3    | Screw-Blade         |
| 30       | 104-6314    | 1    | Spindle Housing ASM |
| 31       | 323-13      | 1    | Screw-HH            |
| 32       | 20-9530     | 1    | Washer-End          |
| 33       | 52-2860     | 1    | Washer              |
| 34       | 104-8113    | 1    | Tube-Idler          |
| 35       | 104-8110    | 1    | Idler Arm ASM       |
| 36       | 100-3258-03 | 1    | Plate-Blowout, LH   |
| 37       | 100-3257-03 | 1    | Plate-Blowout, RH   |
| 38       | 12-3270     | 9    | Screw               |
| 39       | 32128-10    | 1    | Nut-HHF             |
| 40       | 3229-4      | 1    | Screw-CARR          |
| 41       | 3256-4      | 1    | Washer-Flat         |
| 45       | 302-19      | 1    | Fitting-Grease      |



Sheet No.: A1  
C\_3014

**Spindle Housing Assembly No. 104-6316**

| Ref. No. | Part No. | Qty. | Description     | Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-----------------|----------|----------|------|-------------|
| 1        | 3219-7   | 1    | Nut-Hex         |          |          |      |             |
| 2        | 7-4150   | 1    | Washer-Pinion   |          |          |      |             |
| 3        | 104-1181 | 1    | Pulley ASM      |          |          |      |             |
| 4        | 104-6325 | 2    | Bearing         |          |          |      |             |
| 5        | 67-7590  | 1    | Housing-Spindle |          |          |      |             |
| 6        | 104-6312 | 1    | Spacer-Bearing  |          |          |      |             |
| 7        | 104-8193 | 1    | Shaft-Spindle   |          |          |      |             |
| 8        | 88-7540  | 1    | Washer - Backup |          |          |      |             |
| 9        | 79-1920  | 1    | Shield-Bearing  |          |          |      |             |

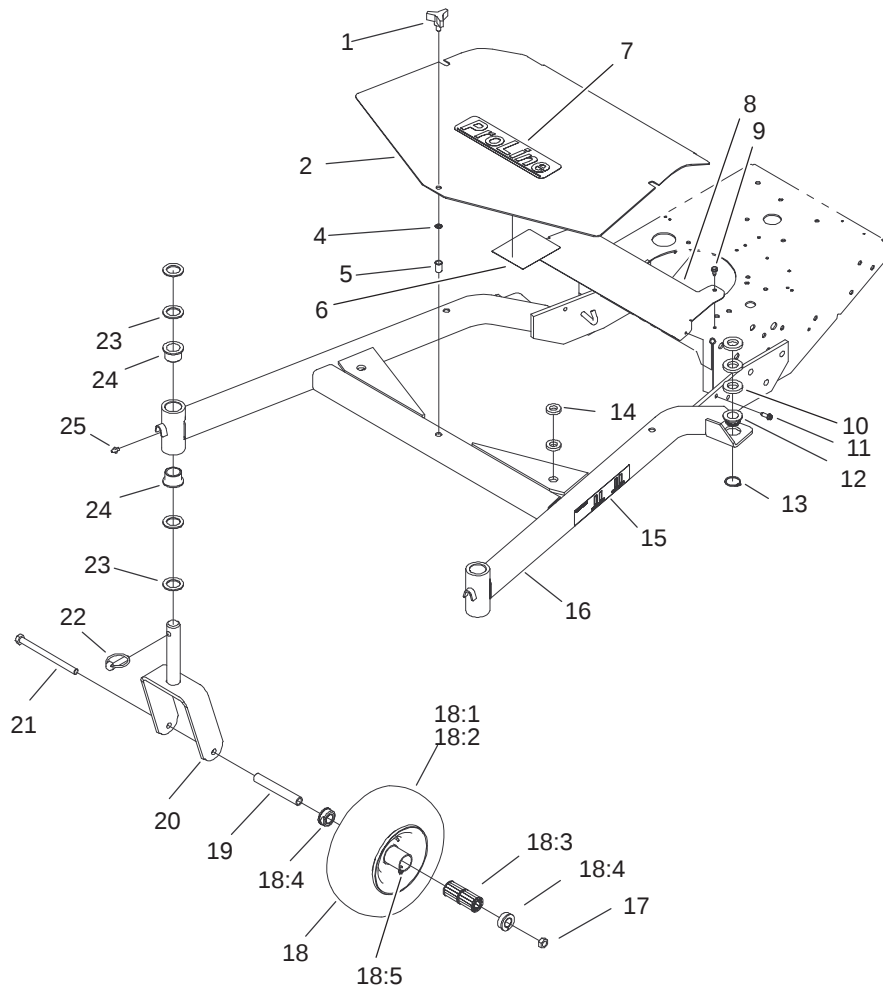


Sheet No.: A2  
C-3013

## Spindle Housing Assembly No. 104-6314

| Ref. No. | Part No. | Qty. | Description        |
|----------|----------|------|--------------------|
| 1        | 3219-7   | 1    | Nut-Hex            |
| 2        | 7-4150   | 1    | Washer-Pinion      |
| 3        | 104-1116 | 1    | Pulley And Hub ASM |
| 4        | 104-6325 | 2    | Bearing            |
| 5        | 67-7590  | 1    | Housing-Spindle    |
| 6        | 104-6312 | 1    | Spacer-Bearing     |
| 7        | 104-8194 | 1    | Shaft-Spindle      |
| 8        | 88-7540  | 1    | Washer - Backup    |
| 9        | 79-1920  | 1    | Shield-Bearing     |

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



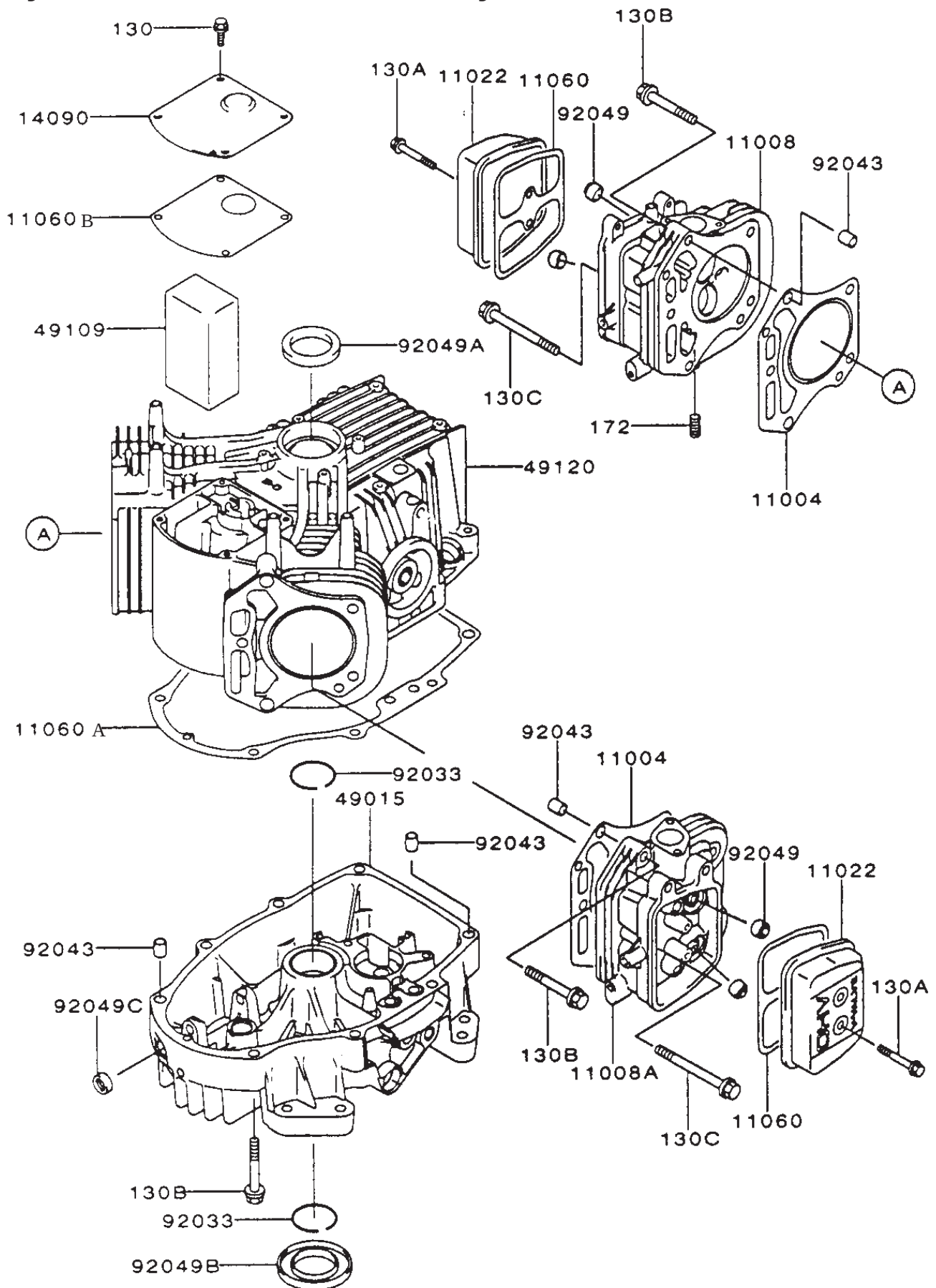
Sheet No.: 4

# Carrier Frame Assembly

| Ref. No. | Part No.    | Qty. | Description          |
|----------|-------------|------|----------------------|
| 1        | 104-8587    | 3    | Knob                 |
| 2        | 104-8153-01 | 1    | Cover-Carrier Frame  |
| 4        | 32151-72    | 1    | Ring-Retaining       |
| 5        | 32148-9     | 3    | Nut-Insert           |
| 6        | 104-8173    | 1    | Decal-Service, Hydro |
| 6        | 104-8175    | 1    | Decal-Service, Gear  |
| 7        | 74-2080     | 1    | Decal-Proline        |
| 8        | 105-0845-01 | 1    | Shield-Heat          |
| 9        | 12-3270     | 2    | Screw                |
| 10       | 104-1105    | 6    | Spacer-Deck Support  |
| 11       | 49-2040     | 2    | Screw-Tapping        |
| 12       | 1-513336    | 2    | Bushing - Deck       |
| 13       | 32120-33    | 2    | Ring-Retaining       |
| 14       | 105-0842    | 4    | Spacer               |
| 15       | 104-8171    | 2    | Decal-HOC            |
| 16       | 104-1109-01 | 1    | Carrier Frame ASM    |
| 17       | 32153-5     | 2    | Nut-Lock             |
| 18       | 104-1170    | 2    | Castor Wheel ASM     |
| 18:1     | 104-1169    | 1    | Tire And Tube ASM    |
| 18:2     | 105-0844    | 1    | Tube-Inner           |
| 18:3     | 62-5570     | 2    | Bearing-Roller       |
| 18:4     | 62-5580     | 2    | Bearing-Outside      |
| 18:5     | 302-11      | 1    | Fitting-Lube, 45°    |
| 19       | 104-1189    | 2    | Bushing-Spanner      |
| 20       | 104-1183-01 | 2    | Castor Fork ASM      |
| 21       | 325-33      | 2    | Screw-HH             |

| Ref. No. | Part No. | Qty. | Description     |
|----------|----------|------|-----------------|
| 22       | 283-71   | 2    | Pin-Lynch       |
| 23       | 3-6781   | 8    | Washer-Thrust   |
| 24       | 94-1291  | 4    | Bushing-Special |
| 25       | 302-5    | 2    | Fitting-Grease  |

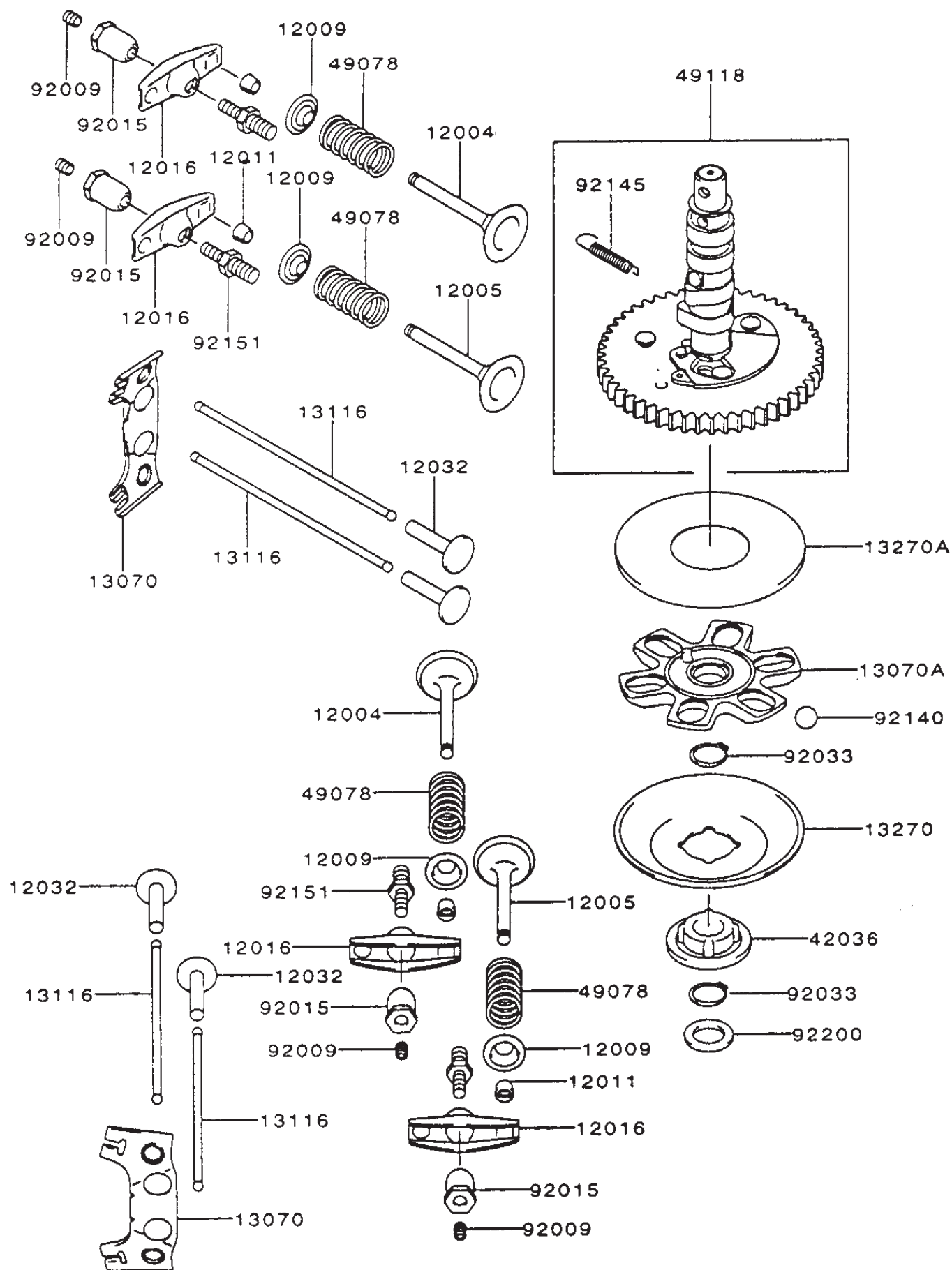
# Cylinder/Crankcase Assembly Kawasaki FH500V-AS25



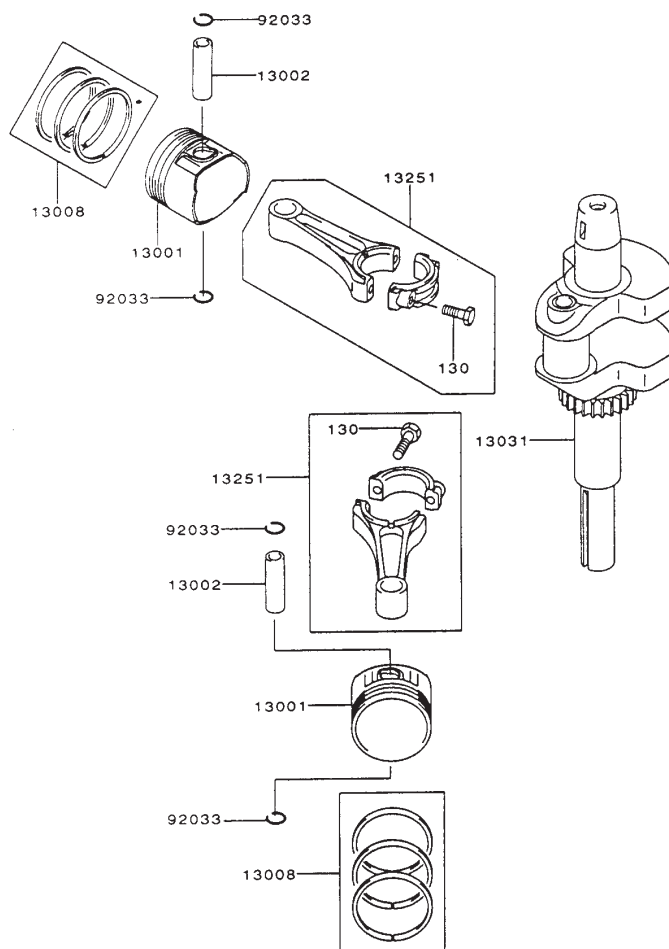
| Ref. No. | Part No.   | Qty. | Description              |
|----------|------------|------|--------------------------|
| 11004    | 11004-7001 | 2    | Gasket-Head              |
| 11008    | 11008-7001 | 1    | Head-Comp-Cylinder No. 1 |
| 11008A   | 11008-7002 | 1    | Head-Comp-Cylinder No. 2 |
| 11022    | 11022-7001 | 2    | Case-Rocker              |
| 11060    | 11060-7001 | 2    | Gasket, Rocker Case      |
| 11060A   | 11060-7008 | 1    | Gasket, Crankcase Cover  |
| 11060B   | 11060-7015 | 1    | Gasket, Breather         |
| 14090    | 14090-7001 | 1    | Cover, Breather          |
| 49015    | 49015-6215 | 1    | Cover-Crankcase          |
| 49109    | 49109-7002 | 1    | Element-Breather         |
| 49120    | 49120-6119 | 1    | Crankcase-Comp           |
| 92033    | 92033-7003 | 2    | Ring-Snap                |
| 92043    | 92043-7001 | 6    | Pin                      |
| 92049    | 92049-7001 | 4    | Seal-Oil                 |
| 92049A   | 92049-7002 | 1    | Seal-Oil                 |
| 92049B   | 92049-7004 | 1    | Seal-Oil                 |
| 92049C   | 92049-7005 | 1    | Seal-Oil                 |
| 130      | 130B0612   | 4    | Bolt-Flanged             |
| 130A     | 130B0640   | 4    | Bolt-Flanged             |
| 130B     | 130T0850   | 17   | Bolt-Flanged             |
| 130C     | 130T0875   | 2    | Bolt-Flanged             |
| 172      | 172G0818   | 4    | Bolt-Stud                |

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

# Valve/Camshaft Assembly Kawasaki FH500V-AS25



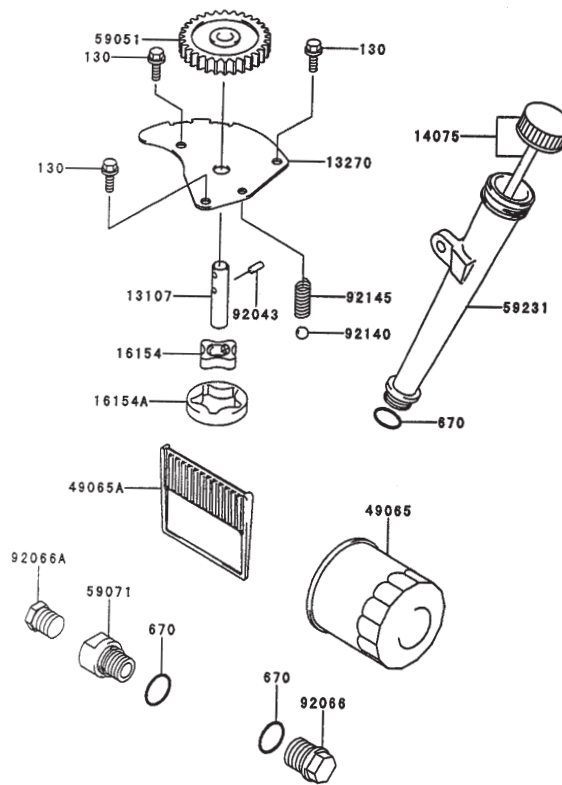
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



## Piston/Crankshaft Assembly Kawasaki FH500V-AS25

| Ref. No. | Part No.   | Qty. | Description         |
|----------|------------|------|---------------------|
| 13001    | 13001-7001 | 2    | Piston-Engine       |
| 13002    | 13002-7001 | 2    | Pin-Piston          |
| 13008    | 13008-6055 | 2    | Ring-Set-Piston     |
| 13031    | 13031-7001 | 1    | Crankshaft-Comp     |
| 13251    | 13251-7001 | 2    | Rod-Assy-Connecting |
| 92033    | 92033-7002 | 4    | Ring-Snap           |
| 130      | 130G0630   | 4    | Bolt-Flanged        |

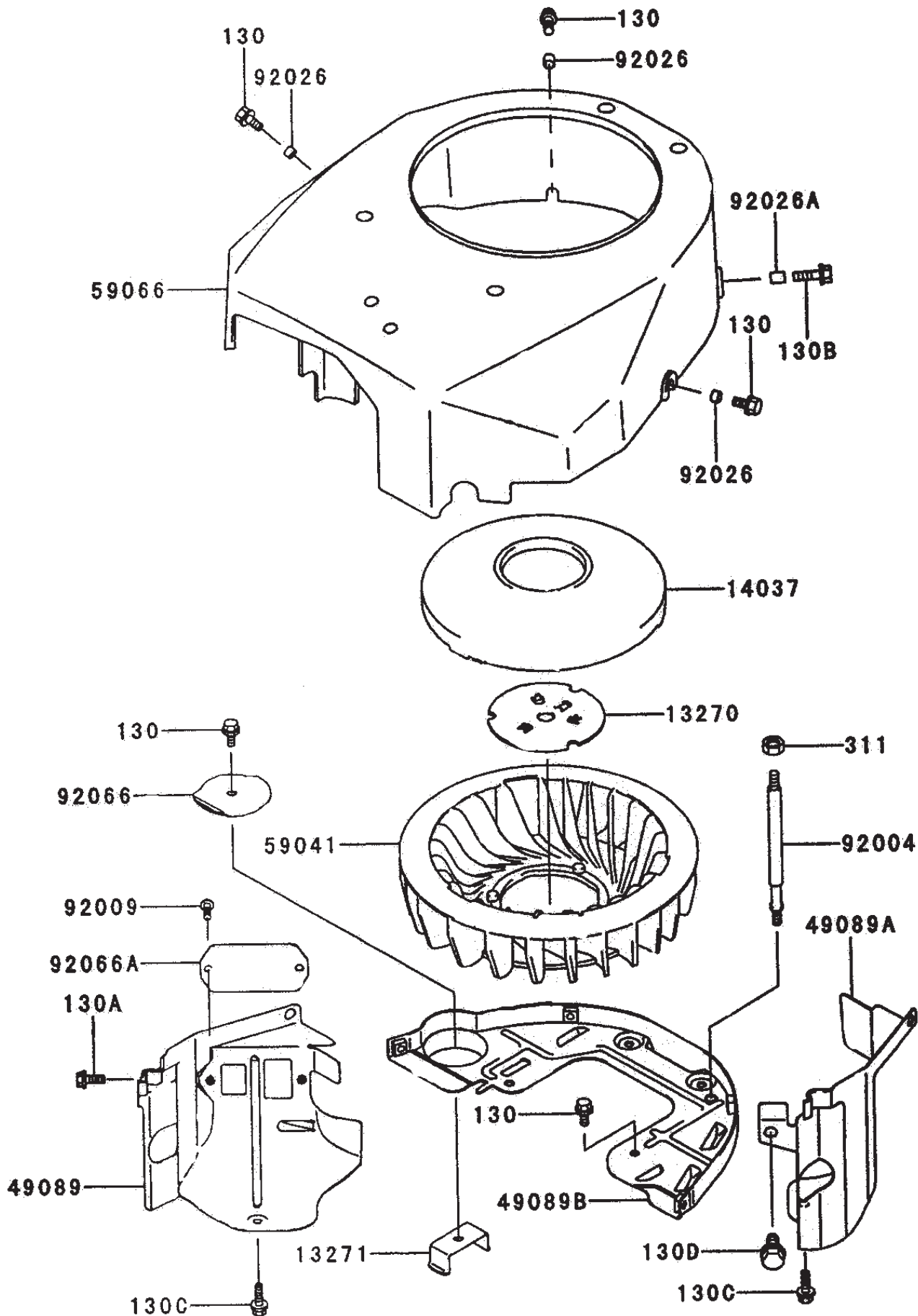
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



## Lubrication-Equipment Assembly Kawasaki FH500V-AS25

| Ref. No. | Part No.   | Qty. | Description     | Ref. No. | Part No. | Qty. | Description |
|----------|------------|------|-----------------|----------|----------|------|-------------|
| 13107    | 13107-2099 | 1    | Shaft, Oil Pump |          |          |      |             |
| 13270    | 13270-7004 | 1    | Plate           |          |          |      |             |
| 14075    | 14075-7001 | 1    | Cap-Assy        |          |          |      |             |
| 16154    | 16154-2053 | 1    | Rotor-Pump, Out |          |          |      |             |
| 16154A   | 16154-2054 | 1    | Rotor-Pump, Out |          |          |      |             |
| 49065    | 49065-2078 | 1    | Filter-Oil      |          |          |      |             |
| 49065A   | 49065-7001 | 1    | Filter-Oil      |          |          |      |             |
| 59051    | 59051-7004 | 1    | Gear-Spur       |          |          |      |             |
| 59071    | 59071-7004 | 1    | Joint           |          |          |      |             |
| 59231    | 59231-7001 | 1    | Filler          |          |          |      |             |
| 92043    | 92043-7003 | 1    | Pin             |          |          |      |             |
| 92066    | 92066-7003 | 1    | Plug            |          |          |      |             |
| 92066A   | 92066-7006 | 1    | Plug            |          |          |      |             |
| 92140    | 92140-7003 | 1    | Ball            |          |          |      |             |
| 92145    | 92145-7002 | 1    | Spring          |          |          |      |             |
| 130      | 130B0612   | 3    | Bolt-Flanged    |          |          |      |             |
| 670      | 670D2016   | 3    | O-Ring          |          |          |      |             |

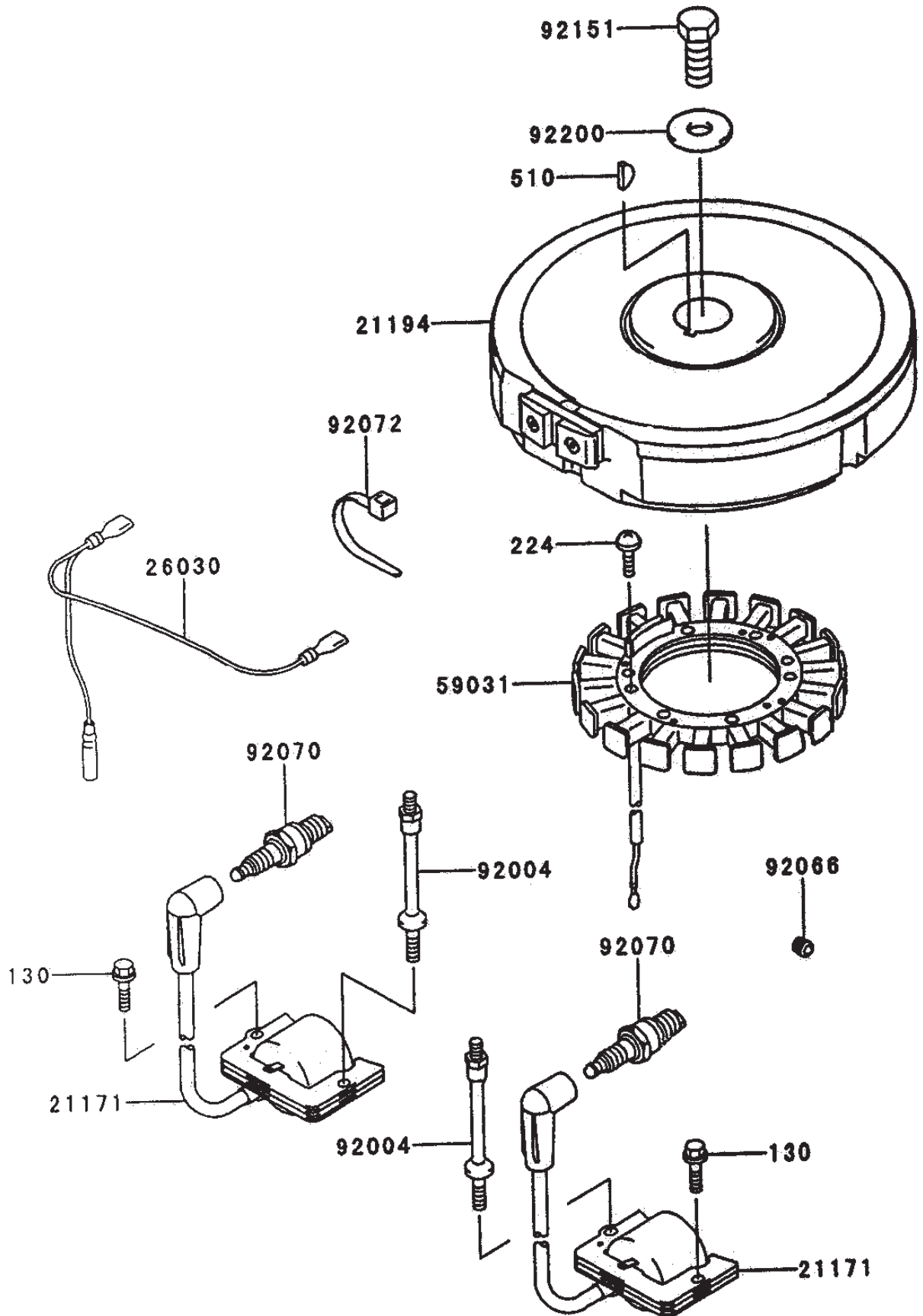
# Cooling-Equipment Assembly Kawasaki FH500V-AS25



| Ref. No. | Part No.   | Qty. | Description          |
|----------|------------|------|----------------------|
| 130      | 130B0612   | 6    | Bolt–Flanged         |
| 130A     | 130B0616   | 2    | Bolt–Flanged         |
| 130B     | 130B0620   | 1    | Bolt–Flanged         |
| 130C     | 130B0625   | 2    | Bolt–Flanged         |
| 130D     | 130B0816   | 1    | Bolt–Flanged         |
| 13270    | 13270–7007 | 1    | Plate                |
| 13271    | 13271–7002 | 1    | Plate                |
| 14037    | 14037–7002 | 1    | Screen               |
| 311      | 311B0600   | 2    | Nut–Hex              |
| 49089    | 49089–7001 | 1    | Shroud–Engine        |
| 49089A   | 49089–7002 | 1    | Shroud–Engine        |
| 49089B   | 49089–7003 | 1    | Shroud–Engine        |
| 59041    | 59041–7001 | 1    | Fan                  |
| 59066    | 59066–7002 | 1    | Housing–Fan          |
| 92004    | 92004–7006 | 2    | Stud                 |
| 92009    | 92009–2308 | 2    | Screw                |
| 92026    | 92026–7001 | 3    | Spacer, 6.2x7.9x5    |
| 92026A   | 92026–7003 | 1    | Spacer, 6.5x7.9x10.5 |
| 92066    | 92066–7004 | 1    | Plug                 |
| 92066A   | 92066–7004 | 1    | Plug                 |

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

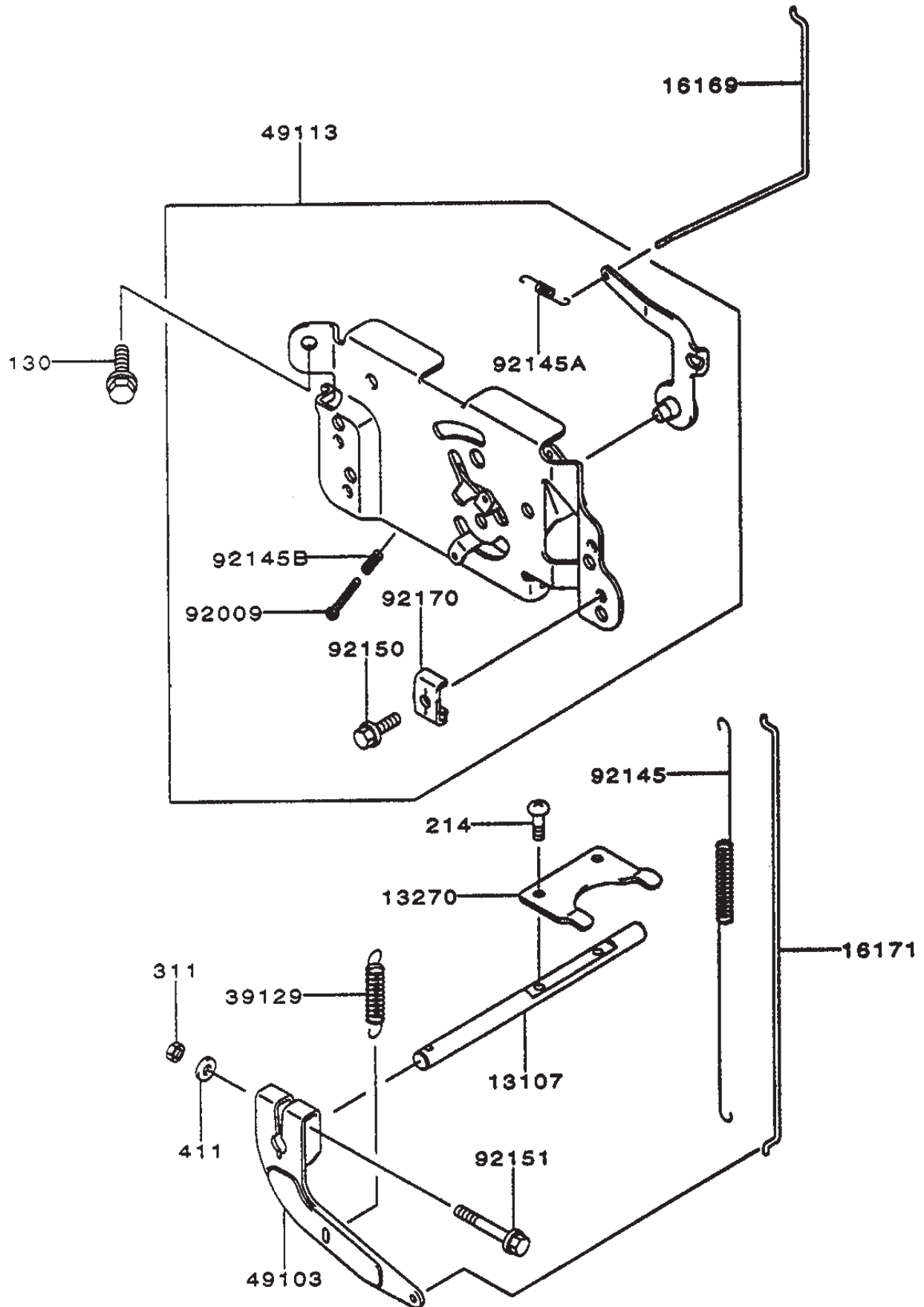
# Electric-Equipment Assembly Kawasaki FH500V-AS25



| Ref. No. | Part No.   | Qty. | Description        |
|----------|------------|------|--------------------|
| 21171    | 21171-7001 | 2    | Coil-Assy-Ignition |
| 21194    | 21193-7001 | 1    | Flywheel-Assy      |
| 26030    | 26030-7001 | 1    | Harness            |
| 59031    | 59031-7002 | 1    | Coil-Charging      |
| 92004    | 92004-2147 | 2    | Stud               |
| 92066    | 92066-7002 | 1    | Plug               |
| 92070    | 92070-7001 | 2    | Plug-Spark (RCJ8Y) |
| 92072    | 92072-7001 | 2    | Band               |
| 92151    | 92151-2097 | 1    | Bolt, 12x30        |
| 92220    | 92220-7002 | 1    | Washer             |
| 130      | 130B0620   | 2    | Bolt-Flanged       |
| 224      | 224B0520   | 4    | Screw-Pan-WP-Cros  |
| 510      | 510A5100   | 1    | Key-Woodruff       |

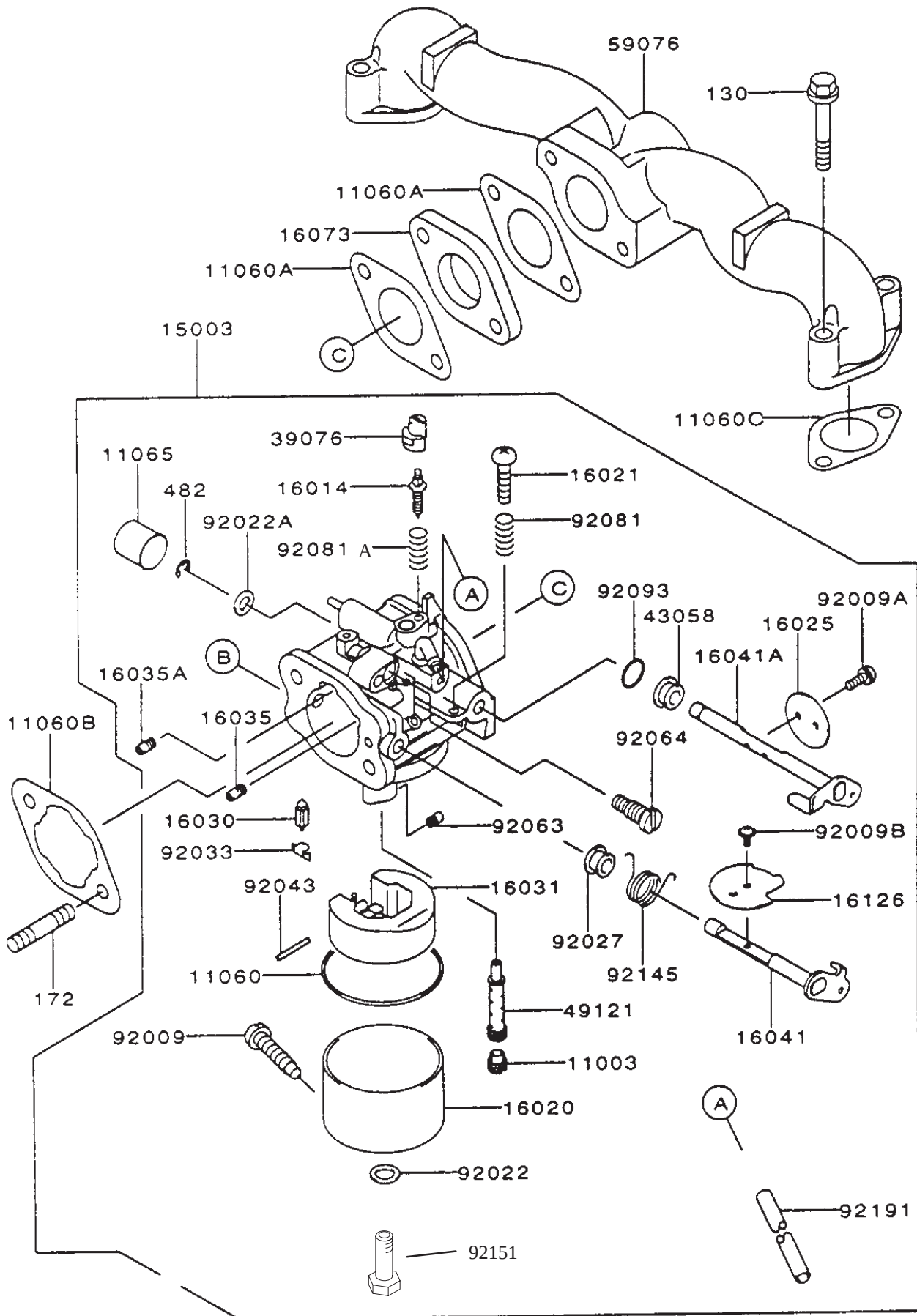
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |

# Control-Equipment Assembly Kawasaki FH500V-AS25



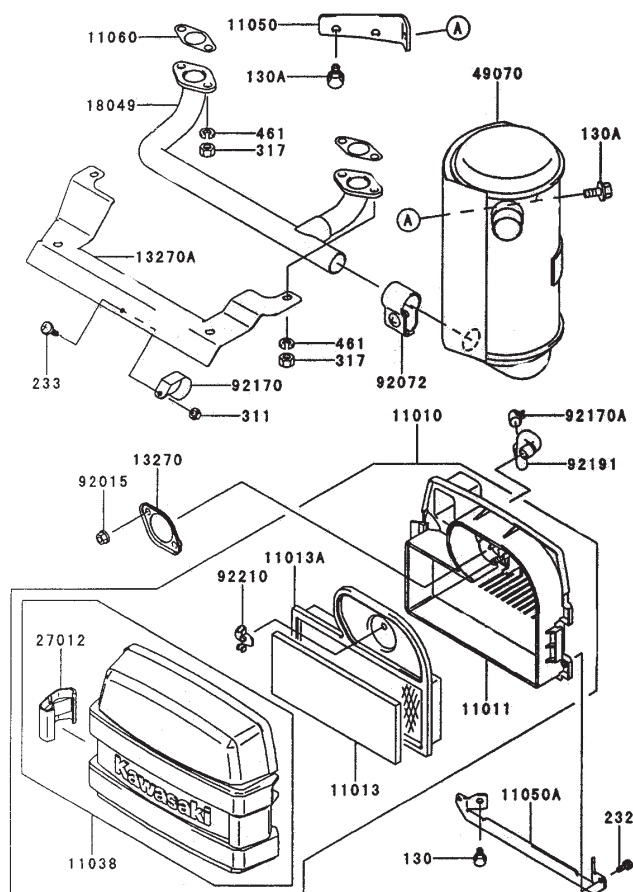
27

# Carburetor Assembly Kawasaki FH500V-AS25



# Carburetor Assembly Kawasaki FH500V-AS25

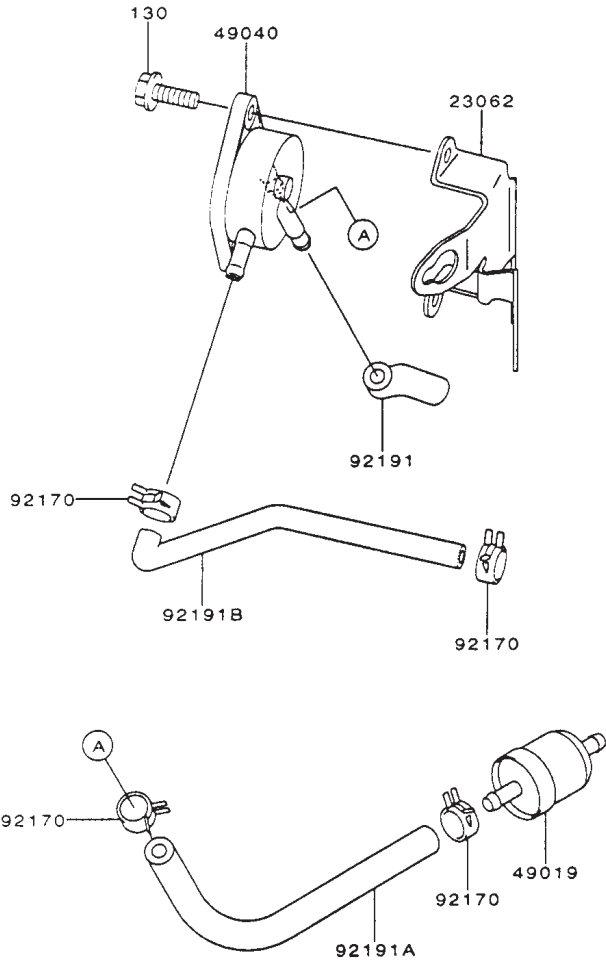
| Ref. No. | Part No.   | Qty. | Description                  | Ref. No. | Part No. | Qty. | Description |
|----------|------------|------|------------------------------|----------|----------|------|-------------|
| 11003    | 11003-2105 | 1    | Seat-Valve                   |          |          |      |             |
| 11060    | 11060-2406 | 1    | Gasket                       |          |          |      |             |
| 11060A   | 11060-7003 | 2    | Gasket, Insulator            |          |          |      |             |
| 11060B   | 11060-7004 | 1    | Gasket, Air Filter           |          |          |      |             |
| 11060C   | 11060-7005 | 2    | Gasket                       |          |          |      |             |
| 11065    | 11065-2061 | 1    | Cap                          |          |          |      |             |
| 15003    | 15003-2698 | 1    | Carburetor-Assy              |          |          |      |             |
| 16014    | 16014-2080 | 1    | Screw-Pilot Air              |          |          |      |             |
| 16020    | 16020-2141 | 1    | Chamber-Float                |          |          |      |             |
| 16021    | 16021-2060 | 1    | Screw-Throttlestop           |          |          |      |             |
| 16025    | 16025-2193 | 1    | Valve-Throttle, #130         |          |          |      |             |
| 16030    | 16030-2067 | 1    | Valve-Float                  |          |          |      |             |
| 16031    | 16031-2066 | 1    | Float                        |          |          |      |             |
| 16035    | 16035-2060 | 1    | Jet-Air, #1.7                |          |          |      |             |
| 16035A   | 16035-2061 | 1    | Jet-Air, #1.2                |          |          |      |             |
| 16041    | 16041-2252 | 1    | Shaft-Carburetor,<br>Choke   |          |          |      |             |
| 16041A   | 16041-2253 | 1    | Shaft-Carburetor<br>Throttle |          |          |      |             |
| 16073    | 16073-7001 | 1    | Insulator                    |          |          |      |             |
| 16126    | 16126-2219 | 1    | Valve                        |          |          |      |             |
| 39076    | 39076-2053 | 1    | Limiter                      |          |          |      |             |
| 43058    | 43058-3716 | 1    | Ring                         |          |          |      |             |
| 49121    | 49121-2222 | 1    | Nozzle-Main                  |          |          |      |             |
| 59076    | 59076-7001 | 1    | Manifold-Intake              |          |          |      |             |
| 92009    | 92009-2015 | 1    | Screw                        |          |          |      |             |
| 92009A   | 92009-2024 | 2    | Screw                        |          |          |      |             |
| 92009B   | 92009-2081 | 1    | Screw                        |          |          |      |             |
| 92022    | 92022-2231 | 1    | Washer                       |          |          |      |             |
| 92022A   | 92022-2239 | 1    | Washer                       |          |          |      |             |
| 92027    | 92027-2025 | 1    | Collar                       |          |          |      |             |
| 92033    | 92033-2067 | 1    | Ring-Snap                    |          |          |      |             |
| 92043    | 92043-2226 | 1    | Pin                          |          |          |      |             |
| 92063    | 92063-2358 | 1    | Jet-Main                     |          |          |      |             |
| 92064    | 92064-2125 | 1    | Jet-Pilot                    |          |          |      |             |
| 92081    | 92081-2009 | 2    | Spring                       |          |          |      |             |
| 92081A   | 92081-2256 | 1    | Spring                       |          |          |      |             |
| 92093    | 92093-2002 | 1    | Seal                         |          |          |      |             |
| 92145    | 92145-2061 | 1    | Spring                       |          |          |      |             |
| 92151    | 92151-2092 | 1    | Bolt                         |          |          |      |             |
| 92191    | 92191-7008 | 1    | Tube                         |          |          |      |             |
| 130      | 130B0635   | 4    | Bolt-Flanged                 |          |          |      |             |
| 172      | 172G0685   | 2    | Bolt-Stud                    |          |          |      |             |
| 482      | 482L4000   | 1    | Circlip-Type-E               |          |          |      |             |



## Air-Filter/Muffler Assembly Kawasaki FH500V-AS25

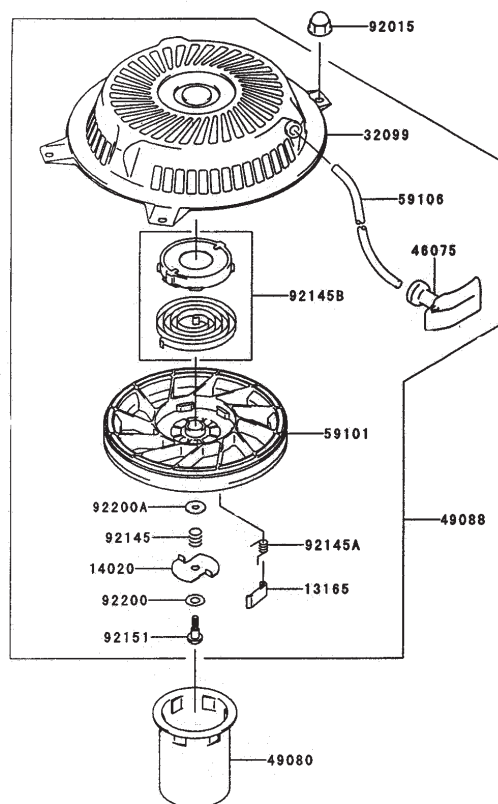
| Ref. No. | Part No.   | Qty. | Description          |
|----------|------------|------|----------------------|
| 11010    | 11010-7001 | 1    | Filter-Assy-Air      |
| 11011    | 11011-7001 | 1    | Case-Air Filter      |
| 11013    | 11013-7001 | 1    | Element-Air Filter   |
| 11013A   | 11013-7002 | 1    | Element-Air Filter   |
| 11038    | 11038-7001 | 1    | Case-Assy-Air Filter |
| 11050    | 11050-7004 | 1    | Bracket              |
| 11050A   | 11050-7006 | 1    | Bracket              |
| 11060    | 11060-7006 | 2    | Gasket, Muffler      |
| 13270    | 13270-7001 | 1    | Plate                |
| 13270A   | 13270-7008 | 1    | Plate                |
| 18049    | 18049-7001 | 1    | Pipe-Exhaust         |
| 27012    | 27012-7001 | 2    | Hook, Air Filter     |
| 49070    | 49070-7002 | 1    | Muffler-Comp         |
| 92072    | 92072-7002 | 1    | Band                 |
| 92015    | 92015-1193 | 2    | Nut                  |
| 92170    | 92170-7002 | 1    | Clamp                |
| 92170A   | 92170-7003 | 1    | Clamp                |
| 92191    | 92191-7001 | 1    | Tube                 |
| 92210    | 92210-7004 | 1    | Nut                  |
| 130      | 130B0612   | 2    | Bolt-Flanged         |
| 130A     | 130B0816   | 2    | Bolt-Flanged         |
| 232      | 232B0514   | 2    | Screw-Pan-WS         |
| 233      | 233B0416   | 1    | Screw-Pan WP         |
| 311      | 311B0400   | 1    | Nut-Hex              |
| 317      | 317R0800   | 4    | Nut-Hex-Small        |

| Ref. No. | Part No. | Qty. | Description   |
|----------|----------|------|---------------|
| 461      | 461F0800 | 4    | Washer-Spring |



**Fuel-Tank/Fuel-Valve Assembly Kawasaki FH500V-AS25**

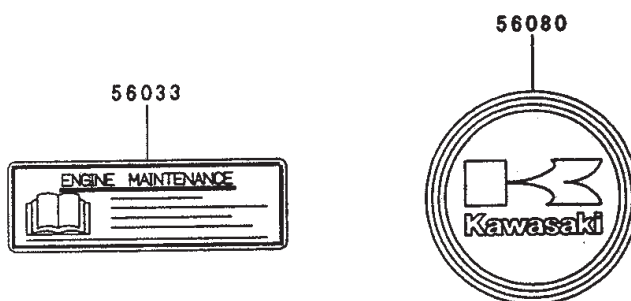
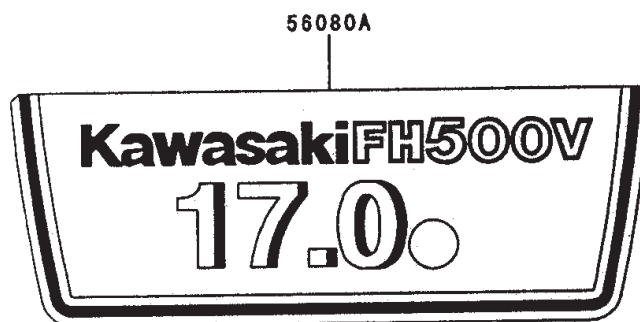
| Ref. No. | Part No.      | Qty. | Description        | Ref. No. | Part No. | Qty. | Description |
|----------|---------------|------|--------------------|----------|----------|------|-------------|
| 23062    | 23062-7001-9H | 1    | Bracket-Comp       |          |          |      |             |
| 49019    | 49019-7001    | 1    | Filter-Fuel        |          |          |      |             |
| 49040    | 49040-2075    | 1    | Pump-Fuel          |          |          |      |             |
| 92170    | 92170-2088    | 4    | Clamp              |          |          |      |             |
| 92191    | 92191-7002    | 1    | Tube               |          |          |      |             |
| 92191A   | 92191-7003    | 1    | Tube,6.35x12.7x160 |          |          |      |             |
| 92191B   | 92191-7004    | 1    | Tube               |          |          |      |             |
| 130      | 130B0620      | 2    | Bolt-Flanged       |          |          |      |             |



## Starter Kawasaki FH500V-AS25

| Ref. No. | Part No.   | Qty. | Description          |
|----------|------------|------|----------------------|
| 13165    | 13165-700  | 2    | Pawl, Recoil Starter |
| 14020    | 14020-7001 | 1    | Retainer             |
| 32099    | 32099-7001 | 1    | Case, Recoil Starter |
| 46075    | 46075-7001 | 1    | Grip-Recoil Starter  |
| 49080    | 49080-7001 | 1    | Pulley-Starting      |
| 49088    | 49088-7001 | 1    | Starter-Recoil       |
| 59101    | 59101-7001 | 1    | Reel, Recoil Starter |
| 59106    | 59106-7001 | 1    | Rope                 |
| 92015    | 92015-1170 | 4    | Nut                  |
| 92145    | 92145-7006 | 1    | Spring               |
| 92145A   | 92145-7007 | 2    | Spring               |
| 92145B   | 92145-7008 | 1    | Spring               |
| 92151    | 92151-7008 | 1    | Bolt                 |
| 92200    | 92200-7004 | 1    | Washer               |
| 92200A   | 92200-7005 | 1    | Washer               |

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



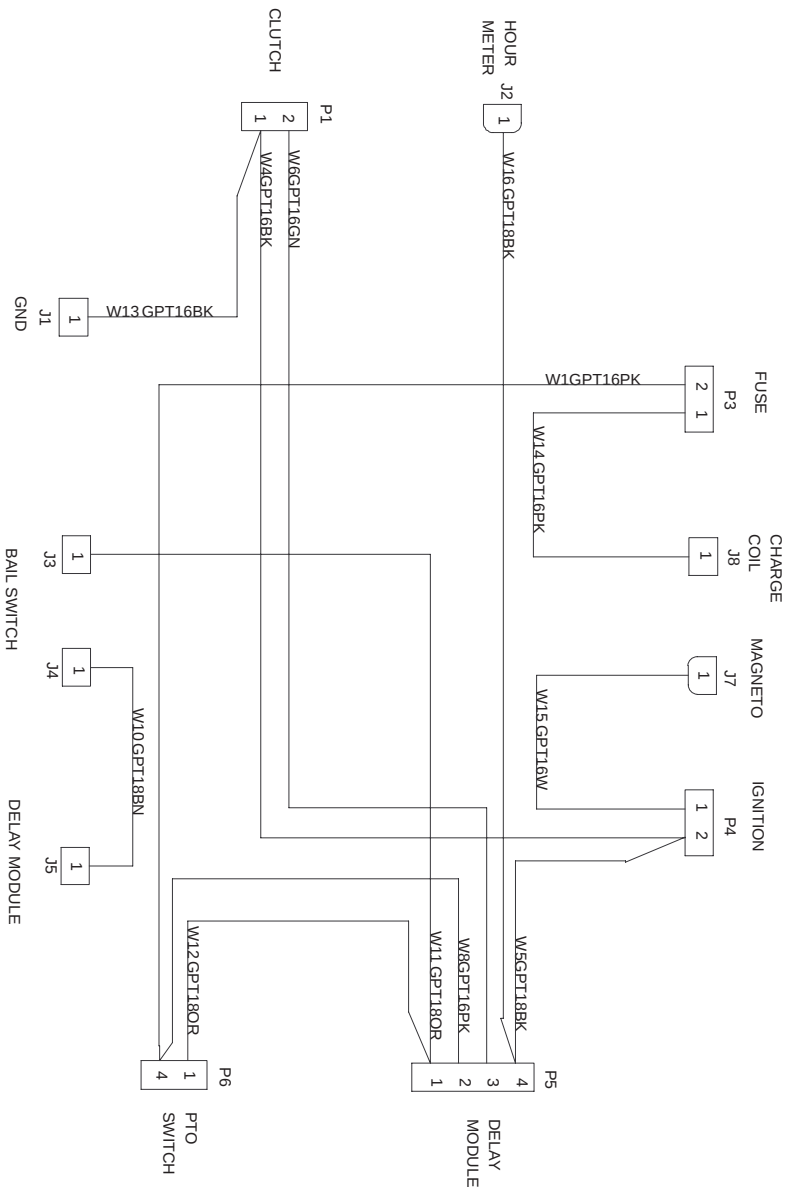
## Starter/Decals Kawasaki FH500V-AS25

| Ref. No. | Part No.   | Qty. | Description  |
|----------|------------|------|--------------|
| 56033    | 56033-7001 | 1    | Label-Manual |
| 56080    | 56080-2077 | 1    | Label-Brand  |
| 56080A   | 56080-7001 | 1    | Label-Brand  |

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

104-8137-

| Wire/Cable |         |        |           | From     |         |            |      | To        |     |         |            |      |
|------------|---------|--------|-----------|----------|---------|------------|------|-----------|-----|---------|------------|------|
| SPOOL      |         |        |           | TERMINAL |         |            |      | TERMINAL  |     |         |            |      |
| Name       | NAME    | COLOR  | Component | Pin      | MFG     | PARTNUM    | SEAL | Component | Pin | MFG     | PARTNUM    | SEAL |
| W1         | GPT16PK | PINK   | P3        | 2        | PACKARD | 12089950   | -    | P6        | 4   | PACKARD | 02965991   | -    |
| W4         | GPT16BK | BLACK  | P1        | 1        | PACKARD | 12041129   | -    | P4        | 2   | PACKARD | 02965467   | -    |
| W5         | GPT18BK | BLACK  | P4        | 2        | PACKARD | 02965467   | -    | P5        | 4   | PACKARD | 02965510   | -    |
| W6         | GPT16GN | GREEN  | P5        | 3        | PACKARD | 02965867   | -    | P1        | 2   | PACKARD | 02971962   | -    |
| W8         | GPT16PK | PINK   | P6        | 4        | PACKARD | 02965891   | -    | P5        | 2   | PACKARD | 02965867   | -    |
| W10        | GPT18BN | BROWN  | J4        | 1        | PACKARD | 02965141   | -    | J5        | 1   | ESSEX   | 541617-82  | -    |
| W11        | GPT18OR | ORANGE | P5        | 1        | PACKARD | 02977112   | -    | J3        | 1   | PACKARD | 02965141   | -    |
| W12        | GPT18OR | ORANGE | P5        | 1        | PACKARD | 02977112   | -    | P6        | 1   | PACKARD | 02965510   | -    |
| W13        | GPT16BK | BLACK  | P1        | 1        | PACKARD | 12041129   | -    | J1        | 1   | ESSEX   | 101634-C02 | -    |
| W14        | GPT16PK | PINK   | P3        | 1        | PACKARD | 12089950   | -    | J8        | 1   | AMP     | 3-520106-2 | -    |
| W15        | GPT16W  | WHITE  | J7        | 1        | ESSEX   | 521616-A02 | -    | P4        | 1   | PACKARD | 02965462   | -    |
| W16        | GPT18BK | BLACK  | P5        | 4        | PACKARD | 02965510   | -    | J2        | 1   | ESSEX   | 521618-B2  | -    |



## Maintenance Record

[illegible]

