



**Z-Master**

# **Z320 OFZ Traction Unit**

**Model No. 74180 – 790001 & Up**

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## **Parts Catalog**

## ORDERING REPLACEMENT PARTS

To order replacement parts, please supply: the part number, the quantity, and the description of each part desired.

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## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

| Abbreviation | Meaning                | Abbreviation | Meaning                           |
|--------------|------------------------|--------------|-----------------------------------|
| AR .....     | as required            | HWHTF .....  | hex washer head<br>thread forming |
| ASM .....    | assembly               | INC .....    | incorporated                      |
| CARR .....   | carriage               | LH .....     | left hand                         |
| DEG .....    | degrees                | PH .....     | pan head                          |
| FH .....     | flat head              | PPH .....    | Phillips pan head                 |
| GA .....     | gauge                  | PTO .....    | power take off                    |
| HF .....     | hex flange             | RH .....     | right hand                        |
| HFV .....    | hex flange washer      | SFH .....    | slotted fillister head            |
| HH .....     | hex head               | SH .....     | square head                       |
| HHF .....    | hex head flange        | SHWH .....   | slotted hex washer head           |
| HHST .....   | hex head self tapping  | SPH .....    | slotted pan head                  |
| HJ .....     | hex jam                | STD .....    | standard                          |
| HOC .....    | height-of-cut          | TAP .....    | self tapping                      |
| HS .....     | hex socket             | TH .....     | truss head                        |
| HSBH .....   | hex socket button head | TTH .....    | Torx truss head                   |
| HSFH .....   | hex socket flat head   | WH .....     | wing head                         |
| HSR .....    | hex socket head        |              |                                   |
| HWH .....    | hex washer head        |              |                                   |

## Important Format Explanations

This catalog uses special formats to convey information in illustrations and parts lists. Specifically, one format is used in conjunction with service assemblies and another with quantities associated with reference numbers.

## Service Assemblies

Parts within service assemblies have reference numbers in the form  $X:Y$ .  $X$  is the reference number of the service assembly and  $Y$  is a sequential number unique to each part within the service assembly.

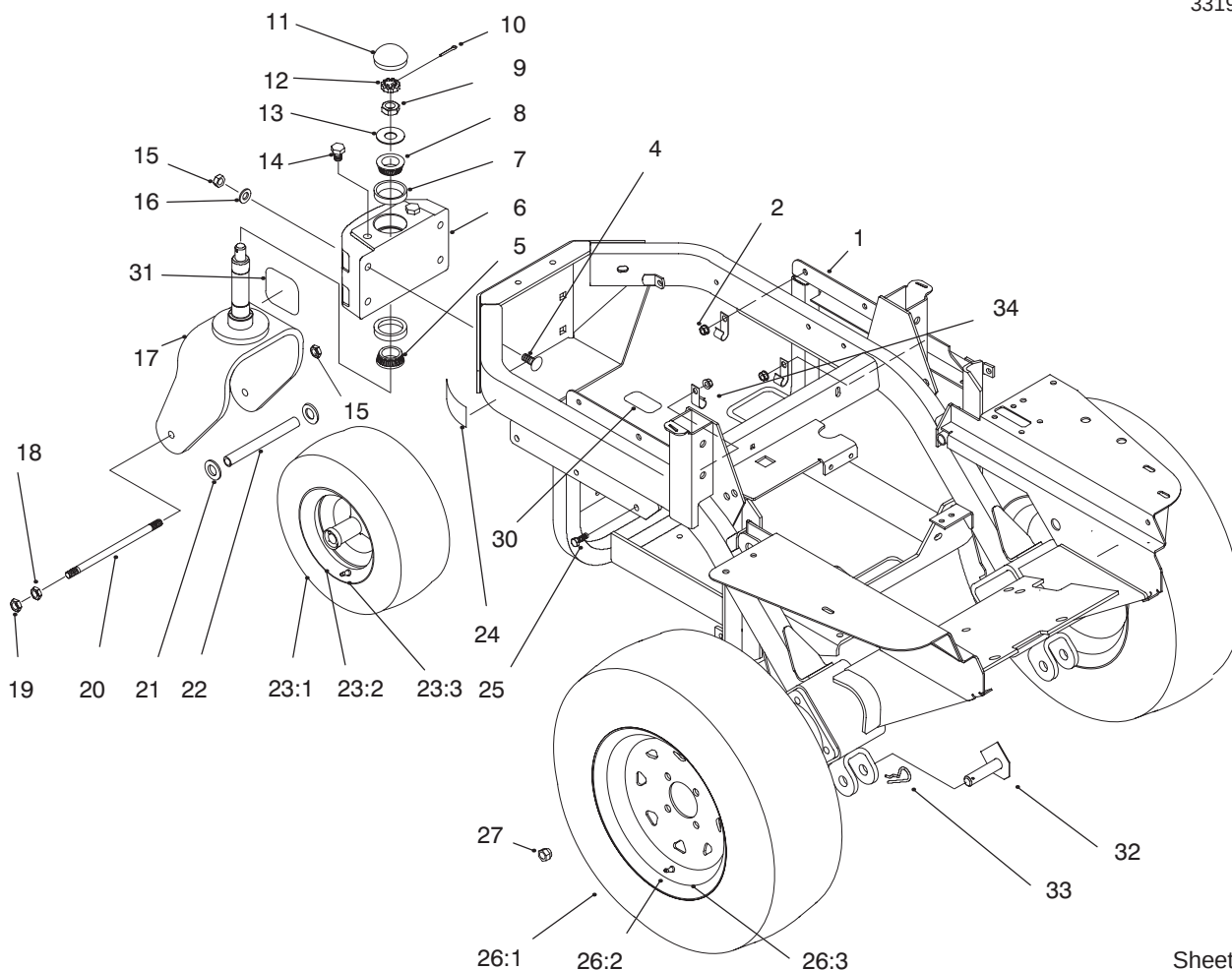
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually.

Reference numbers of this type appear in part lists and as callouts in illustrations.

## Reference Numbers with Quantities

Illustrations may have a quantity in parentheses next to a reference number, in the form  $X (Y)$ .  $X$  is the reference number.  $Y$  in parentheses is the quantity of the part identified by the reference number.

For example, the illustration callout 4 (2) indicates that two parts are used in that instance.

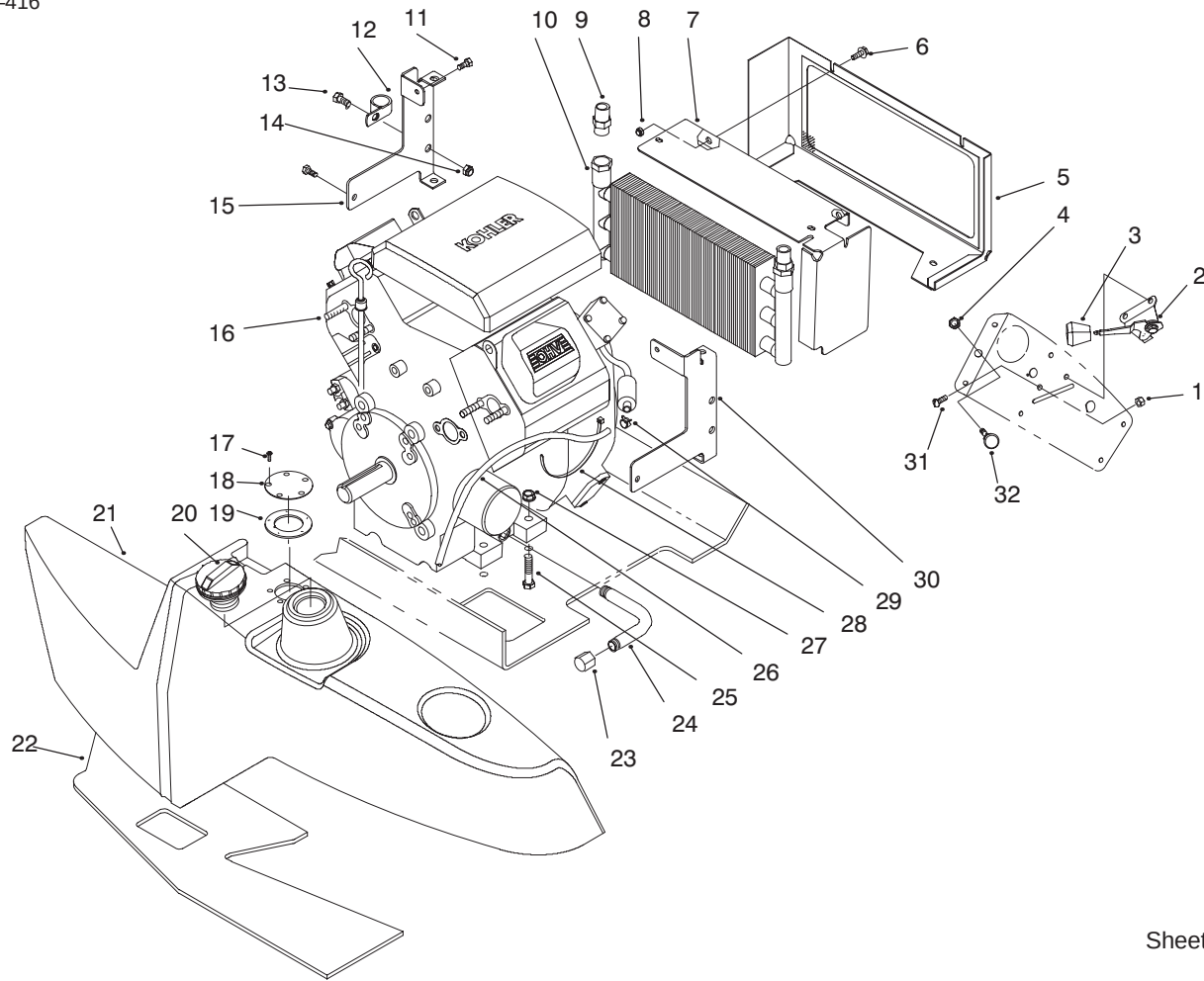


Sheet No.: 2

## Frame & Wheels

| Ref. No. | Part No.   | Qty. | Description           |
|----------|------------|------|-----------------------|
| 1        | 94-4618-03 | 1    | Support-Engine        |
| 2        | 3296-39    | 6    | Nut-Lock              |
| 3        | 94-9598    | 1    | Frame ASM             |
| 4        | 3233-27    | 4    | Screw-CARR            |
| 5        | 254-70     | 1    | Bearing w/Cone & Seal |
| 6        | 94-9489-01 | 1    | Housing-Spindle       |
| 7        | 254-61     | 2    | Cup-Bearing           |
| 8        | 254-62     | 1    | Cone-Bearing          |
| 9        | 3220-7     | 1    | Nut-Jam               |
| 10       | 3272-17    | 1    | Pin-Cotter            |
| 11       | 94-4665    | 1    | Dustcap               |
| 12       | 93-0307    | 1    | Nut-Lock              |
| 13       | 3256-8     | 1    | Washer-Flat           |
| 14       | 325-2      | 2    | Screw                 |
| 15       | 3296-23    | 5    | Nut-Lock              |
| 16       | 3256-26    | 4    | Washer-Flat           |
| 17       | 94-4647-01 | 1    | Castor Fork           |
| 18       | 3217-9     | 1    | Nut-HH                |
| 19       | 3218-5     | 1    | Nut-Jam               |
| 20       | 94-4752    | 1    | Axle-Castor           |
| 21       | 3256-28    | 2    | Washer-Flat           |
| 22       | 94-4753    | 1    | Tube-Spacer           |
| 23:1     | 94-9384    | 1    | Tire                  |
| 23:2     | 94-9383    | 1    | ASM-Wheel             |
| 24       | 93-9198    | 1    | Decal-Warning         |

| Ref. No. | Part No. | Qty. | Description               |
|----------|----------|------|---------------------------|
| 25       | 323-6    | 6    | Screw-HH                  |
| 26:1     | 94-9387  | 2    | Tire                      |
| 26:2     | 232-27   | 2    | Valve Stem & Cap Assembly |
| 26:3     | 94-9386  | 2    | Wheel                     |
| 27       | 242-50   | 8    | Nut-Lug                   |
| 28       | 3269-8   | 2    | Rivet                     |
| 30       | 77-3100  | 1    | Decal-Warning             |
| 31       | 95-1956  | 1    | Decal-Z320                |
| 32       | 94-4755  | 2    | Pivot Pin ASM             |
| 33       | 3290-343 | 2    | Pin-Cotter                |
| 34       | 8830     | 1    | Retainer-"J"              |

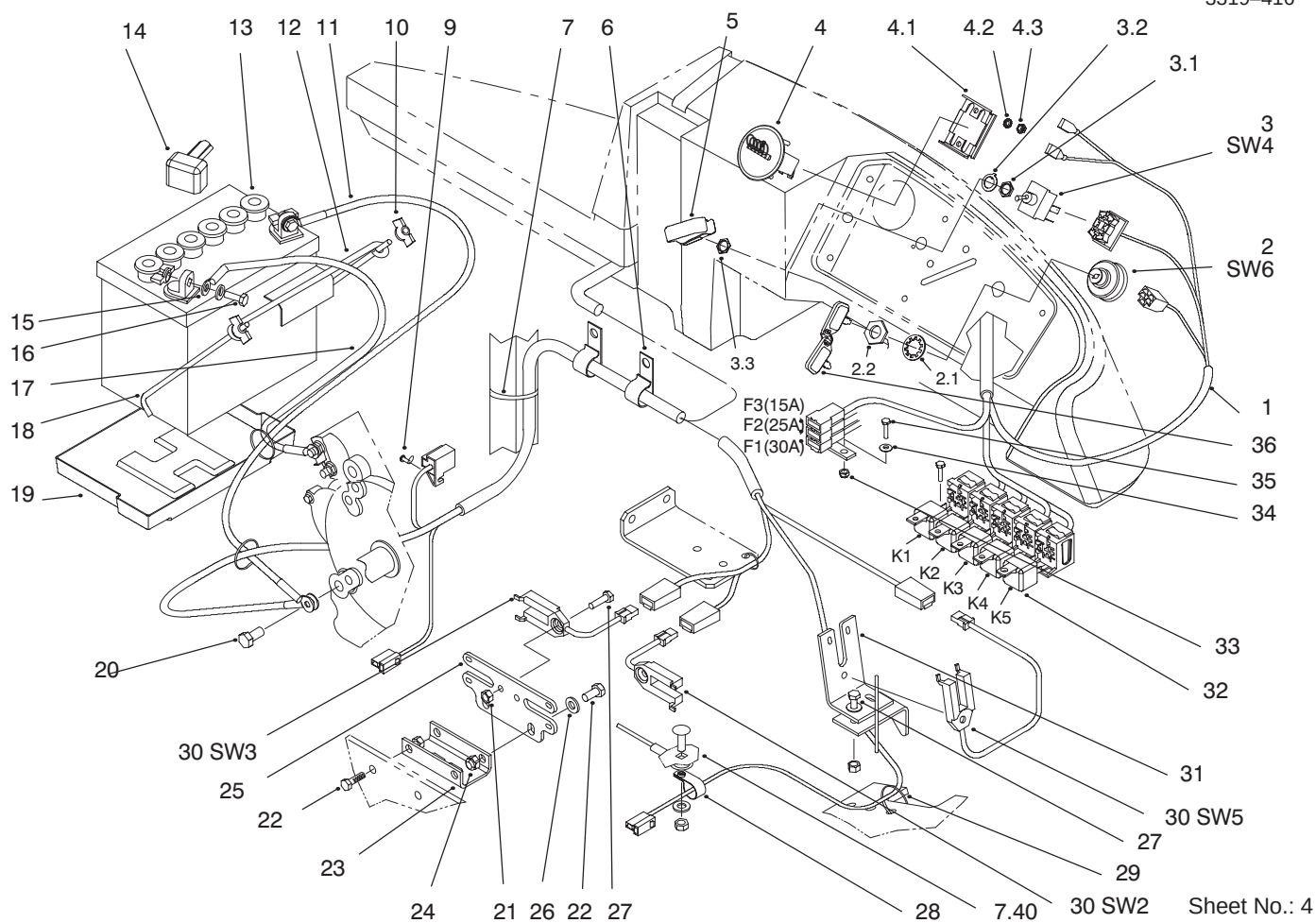


Sheet No.: 3

## Frame And Wheel Asm

| Ref. No. | Part No.   | Qty. | Description                |
|----------|------------|------|----------------------------|
| 1        | 3296-42    | 2    | Nut-Lock                   |
| 2        | 95-1955    | 1    | Control-Throttle           |
| 3        | 66-0120    | 1    | Knob                       |
| 4        | 3220-3     | 1    | Nut-Hex Jam                |
| 5        | 94-9556-03 | 1    | Cooler Shroud ASM          |
| 6        | 3234-4     | 6    | Screw-HH                   |
| 7        | 94-9563-03 | 1    | Bracket-Shroud             |
| 8        | 32148-6    | 6    | Insert                     |
| 9        | 93-5107    | 2    | Fitting-Adapter            |
| 10       | 24-0760    | 1    | Exchanger-Heat             |
| 11       | 32144-10   | 2    | Screw-HH                   |
| 12       | 2412-39    | 4    | R-Clamp                    |
| 13       | 322-3      | 4    | Screw-HH                   |
| 14       | 3296-29    | 4    | Nut-Lock                   |
| 15       | 94-6142    | 1    | Bracket-Cooler             |
| 16       | 94-9461    | 1    | Engine Kohler Ch20         |
| 17       | 3250-29    | 5    | Screw                      |
| 18       | 94-9597-03 | 1    | Cover-Fuel Tank<br>Opening |
| 19       | 62-7650    | 1    | Gasket                     |
| 20       | 93-3101    | 1    | Gas Cap                    |
| 21       | 94-9553    | 1    | Fuel Tank ASM              |
| 22       | 98-1319    | 1    | Foam-Tank                  |
| 23       | 288-4      | 1    | Cap-Pipe                   |
| 24       | 94-9499    | 1    | Tube-Oil Drain             |
| 25       | 323-9      | 4    | Screw-HH                   |

| Ref. No. | Part No.   | Qty. | Description       |
|----------|------------|------|-------------------|
| 26       | 94-9502    | 1    | Hose-Gas          |
| 27       | 3296-39    | 4    | Nut-Lock          |
| 28       | 3290-378   | 1    | Tie-Cable         |
| 29       | 2412-98    | 2    | Clamp-Hose        |
| 30       | 94-6141-03 | 1    | Bracket-Cooler    |
| 31       | 3258-166   | 2    | Screw             |
| 32       | 98-1956    | 1    | Control-Push Pull |

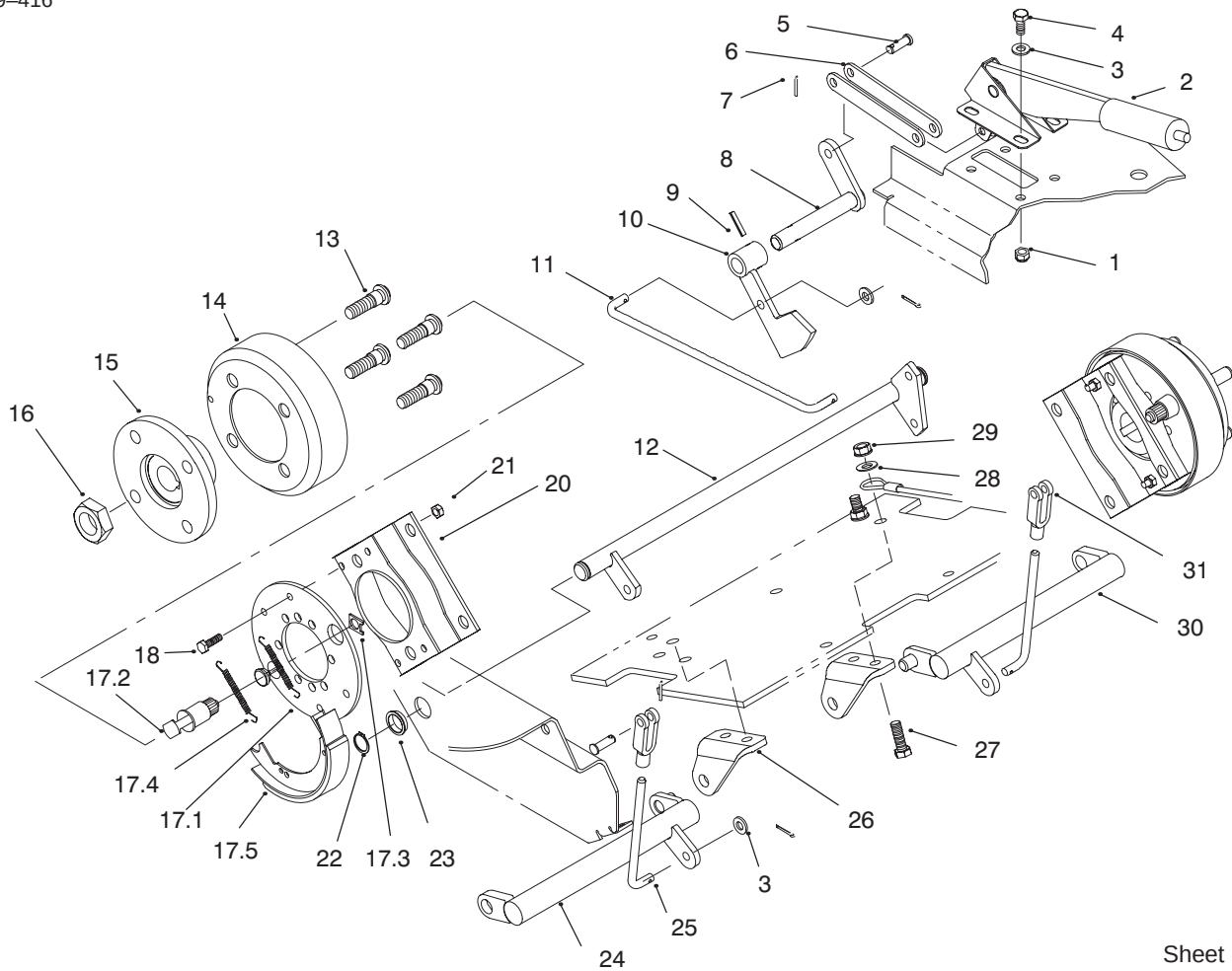


Sheet No.: 4

## Electrical System

| Ref. No. | Part No. | Qty. | Description       |
|----------|----------|------|-------------------|
| 1        | 94-4680  | 1    | Harness—Main      |
| 2        | 111216   | 1    | Switch—Ignition   |
| 2:1      | 101884   | 2    | Nut—Hex           |
| 2:2      | 9201604  | 1    | Washer—Lock       |
| 3        | 92-9811  | 1    | Switch—Toggle     |
| 3:1      | 105805   | 1    | Nut               |
| 3:2      | 102950   | 1    | Washer            |
| 3:3      | 113179   | 1    | Nut               |
| 4        | 78-0020  | 1    | Hourmeter         |
| 4:1      | 78-3320  | 1    | Clamp—Hour Meter  |
| 4:2      | 3255-25  | 2    | Washer—Lock       |
| 4:3      | 3217-27  | 2    | Nut—HH            |
| 5        | 113050   | 1    | Cover—Switch      |
| 6        | 94-9580  | 2    | Clamp—J           |
| 7        | 3290-379 | 1    | Tie—Cable         |
| 9        | 32144-74 | 2    | Screw             |
| 10       | 32103-22 | 4    | Nut—Wing          |
| 11       | 92-6287  | 1    | ASM—Wire (Ground) |
| 12       | 113010   | 1    | Hold Down         |
| 13       | 115877   | 1    | Battery           |
| 14       | 28-8080  | 1    | Boot—Terminal     |
| 15       | 3256-22  | 4    | Washer—Flat       |
| 16       | 321-4    | 2    | Screw—HH          |
| 17       | 28-3893  | 1    | ASM—Wire          |
| 18       | 94-6146  | 2    | Retainer—Battery  |
| 19       | 106948   | 1    | Tray—Battery      |

| Ref. No. | Part No.   | Qty. | Description          |
|----------|------------|------|----------------------|
| 20       | 323-4      | 1    | Screw—HH             |
| 21       | 3296-42    | 5    | Nut—Lock             |
| 22       | 322-3      | 4    | Screw—HH             |
| 23       | 94-4797-03 | 1    | Channel—Mount Switch |
| 24       | 3296-29    | 4    | Nut—Lock             |
| 25       | 94-9460    | 1    | Plate—Switch Mount   |
| 26       | 3256-23    | 2    | Washer—Flat          |
| 27       | 321-5      | 5    | Screw—HH             |
| 28       | 2412-93    | 1    | R—Clamp              |
| 29       | 3290-378   | 5    | Tie—Cable            |
| 30       | 98-1324    | 3    | Switch—Interrupter   |
| 31       | 94-4696    | 1    | Angle—Mount          |
| 32       | 116397     | 5    | Relay                |
| 33       | 3296-2     | 3    | Nut Lock             |
| 34       | 3256-14    | 3    | Washer—Flat          |
| 35       | 32105-13   | 3    | Screw—HH             |
| 36       | 62-7770    | 2    | Key—Ignition         |



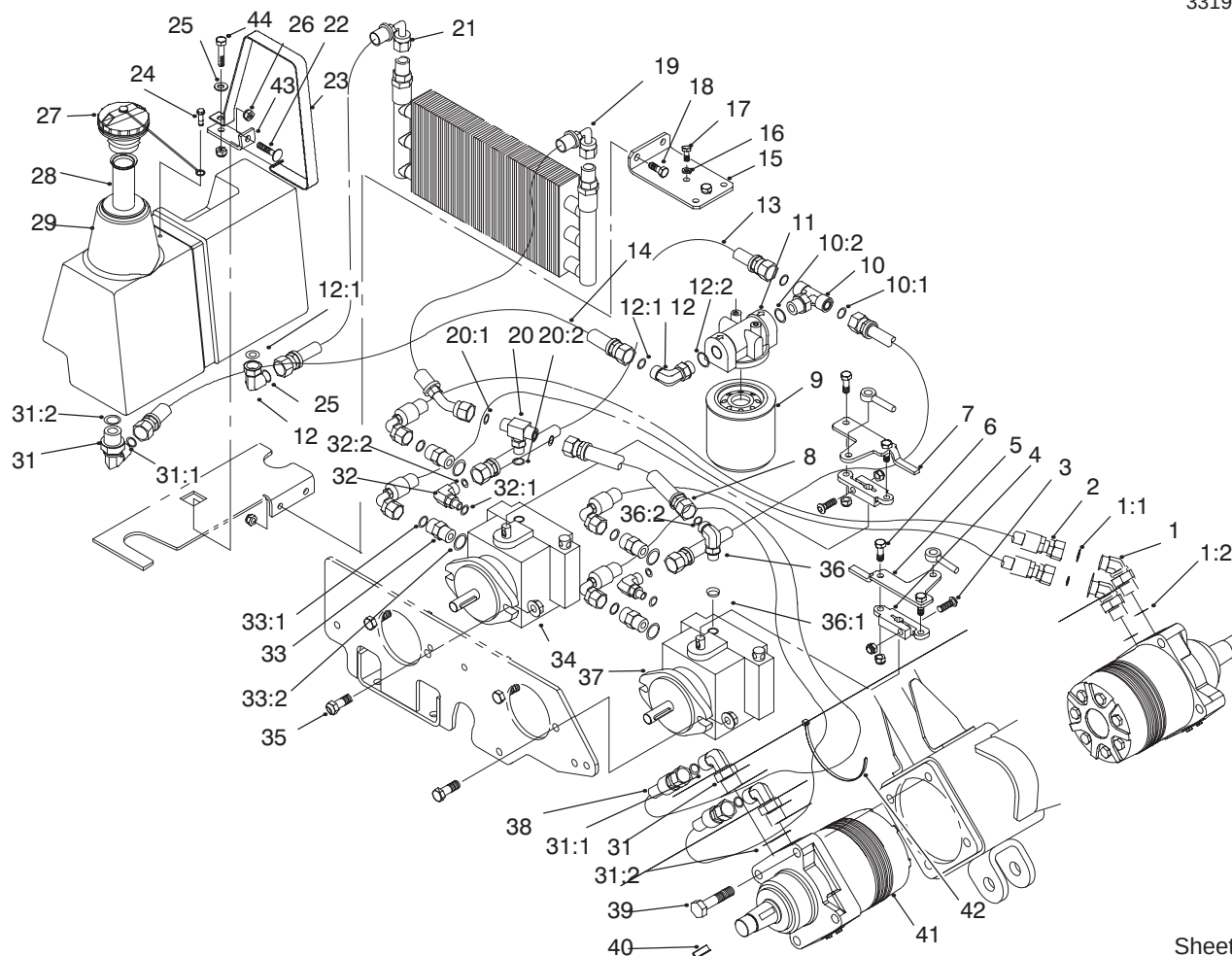
Sheet No.: 5

## Parking Brake

| Ref. No. | Part No. | Qty. | Description    |
|----------|----------|------|----------------|
| 1        | 3296-29  | 4    | Nut-Lock       |
| 2        | 94-4602  | 1    | Lever-Brake    |
| 3        | 3256-23  | 8    | Washer-Flat    |
| 4        | 322-3    | 4    | Screw-HH       |
| 5        | 283-1    | 4    | Pin-Clevis     |
| 6        | 94-9451  | 2    | Link-Brake     |
| 7        | 3272-10  | 8    | Pin-Cotter     |
| 8        | 94-9456  | 1    | Transfer Shaft |
| 9        | 32121-93 | 1    | Pin-Spiral     |
| 10       | 94-9452  | 1    | Brake Hub      |
| 11       | 94-9450  | 1    | Rod-Brake      |
| 12       | 94-4624  | 1    | Torsion Shaft  |
| 13       | 85-6540  | 8    | Stud           |
| 14       | 10-6850  | 2    | Drum Brake     |
| 15       | 10-6870  | 2    | Hub-Wheel      |
| 16       | 26-3790  | 2    | Nut-Lock       |
| 17       | 71-1500  | 2    | Brake ASM      |
| 17:1     | 70-9870  | 2    | Plate-Backing  |
| 17:2     | 70-9860  | 2    | Cam Shaft      |
| 17:4     | 70-9880  | 4    | Spring-Return  |
| 17:5     | 70-9840  | 4    | Brake Shoe     |
| 18       | 321-5    | 8    | Screw-HH       |
| 20       | 84-2000  | 2    | Bracket-Brake  |
| 21       | 3296-42  | 8    | Nut-Lock       |
| 22       | 32120-72 | 2    | Ring-Retaining |
| 23       | 106950   | 2    | Bushing        |

| Ref. No. | Part No.   | Qty. | Description    |
|----------|------------|------|----------------|
| 24       | 94-9392    | 1    | Brake Lever RH |
| 25       | 94-9398    | 2    | Rod-Link       |
| 26       | 94-9573-01 | 2    | Mount-Lever    |
| 27       | 323-18     | 4    | Screw-HH       |
| 28       | 3256-24    | 1    | Washer-Flat    |
| 29       | 3296-39    | 4    | Nut-Lock       |
| 30       | 94-9391    | 1    | Brake Lever LH |
| 31       | 282-2      | 2    | Pin-Clevis     |



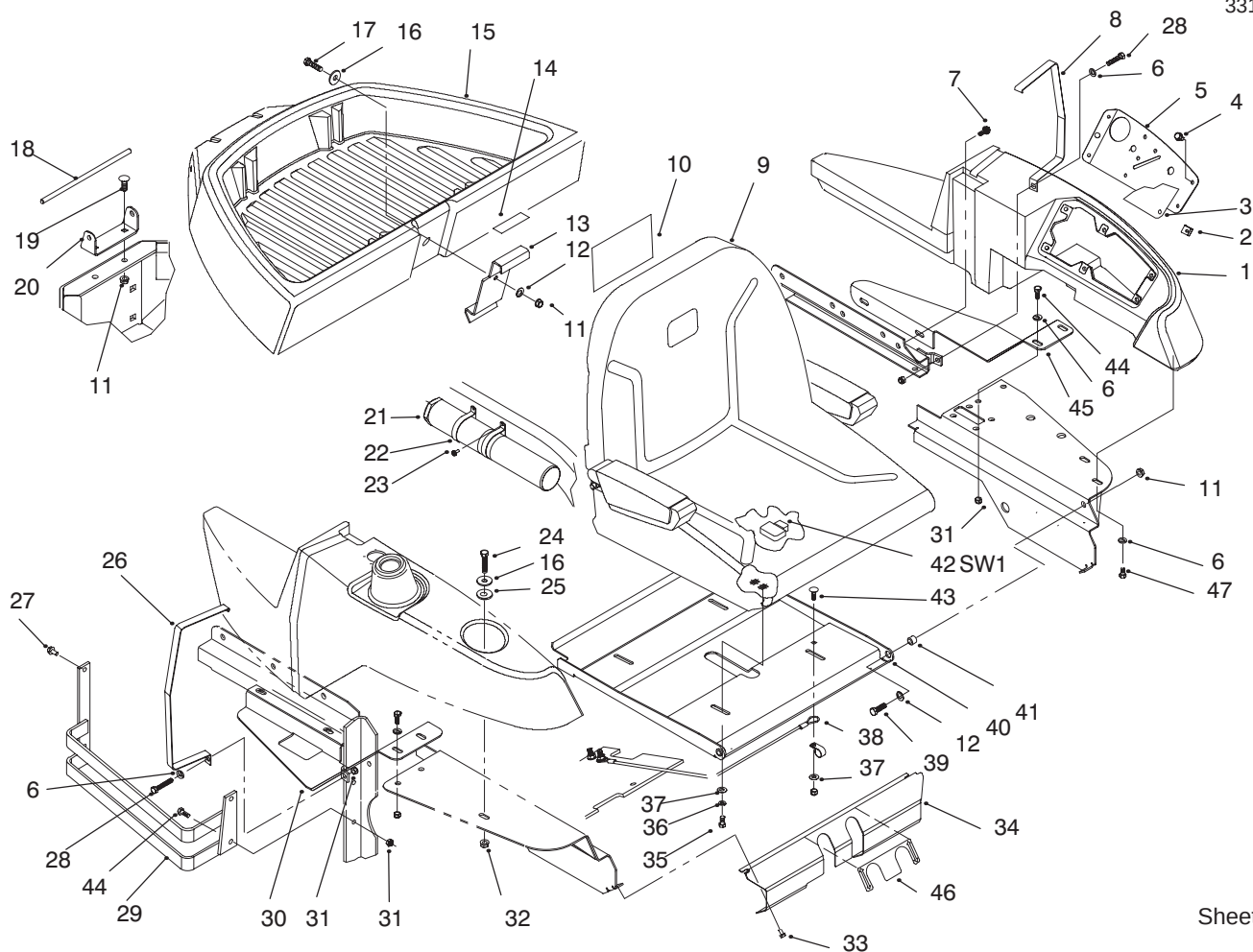


Sheet No.: 6

## Hydraulic System

| Ref. No. | Part No.   | Qty. | Description       | Ref. No. | Part No.   | Qty. | Description          |
|----------|------------|------|-------------------|----------|------------|------|----------------------|
| 1        | 340-89     | 2    | Fitting-Hydraulic | 20:1     | 237-22     | 2    | O-Ring               |
| 1:1      | 237-30     | 2    | O-Ring            | 20:2     | 237-42     | 1    | O-Ring               |
| 1:2      | 237-80     | 2    | O-Ring            | 21       | 94-4709    | 1    | Hose ASM-Hyd         |
| 2        | 94-4714    | 2    | Hose ASM-Hyd      | 22       | 3230-1     | 1    | Bolt-CARR            |
| 3        | 3274-83    | 2    | Screw-HSH         | 23       | 94-4642-03 | 1    | Strap-Hydraulic Tank |
| 4        | 94-4678    | 2    | Arm-Pump Control  | 24       | 57-5420    | 1    | Screw-Shoulder       |
| 5        | 94-4702-03 | 1    | Plate-Control     | 25       | 3256-23    | 1    | Washer-Flat          |
| 6        | 322-5      | 4    | Screw-HH          | 26       | 3296-29    | 10   | Nut-Lock             |
| 7        | 94-4701-03 | 1    | Plate-Control     | 27       | 93-4365    | 1    | Oil Cap              |
| 8        | 94-4712    | 1    | Hose ASM-Hyd      | 28       | 92-1705    | 1    | Screen-Filter        |
| 9        | 67-8110    | 1    | Filter-Oil        | 29       | 94-4700    | 1    | Tank-Hydraulic       |
| 10       | 340-157    | 1    | Fitting-Hydraulic | 31       | 340-105    | 3    | Fitting-Elbow        |
| 10:1     | 237-30     | 1    | O-Ring            | 31:1     | 237-30     | 3    | O-Ring               |
| 10:2     | 237-79     | 1    | O-Ring            | 31:2     | 237-80     | 3    | O-Ring               |
| 11       | 86-9080    | 1    | Head-Filter       | 32       | 340-97     | 2    | Fitting-Hydraulic    |
| 12       | 340-98     | 2    | Fitting-Hydraulic | 32:1     | 237-22     | 2    | O-Ring               |
| 12:1     | 237-30     | 2    | O-Ring            | 32:2     | 237-78     | 2    | O-Ring               |
| 12:2     | 237-79     | 2    | O-Ring            | 33       | 340-4      | 4    | Fitting-Hydraulic    |
| 13       | 94-4711    | 2    | Hose ASM-Hyd      | 33:1     | 237-30     | 4    | O-Ring               |
| 14       | 94-4710    | 1    | Hose ASM-Hyd      | 33:2     | 237-79     | 4    | O-Ring               |
| 15       | 94-9525-03 | 1    | Angle-Mount       | 34       | 32128-42   | 4    | Nut-Hex Flange       |
| 16       | 3253-3     | 2    | Washer-Lock       | 35       | 324-5      | 4    | Screw-HH             |
| 17       | 321-3      | 2    | Screw-HH          | 36       | 340-77     | 1    | Fitting-Hydraulic    |
| 18       | 322-4      | 2    | Screw-HH          | 36:1     | 237-22     | 1    | O-Ring               |
| 19       | 94-4713    | 1    | Hose ASM-Hyd      | 36:2     | 237-42     | 1    | O-Ring               |
| 20       | 340-94     | 1    | Tee               | 37       | 98-1957    | 2    | Pump-Hydraulic       |



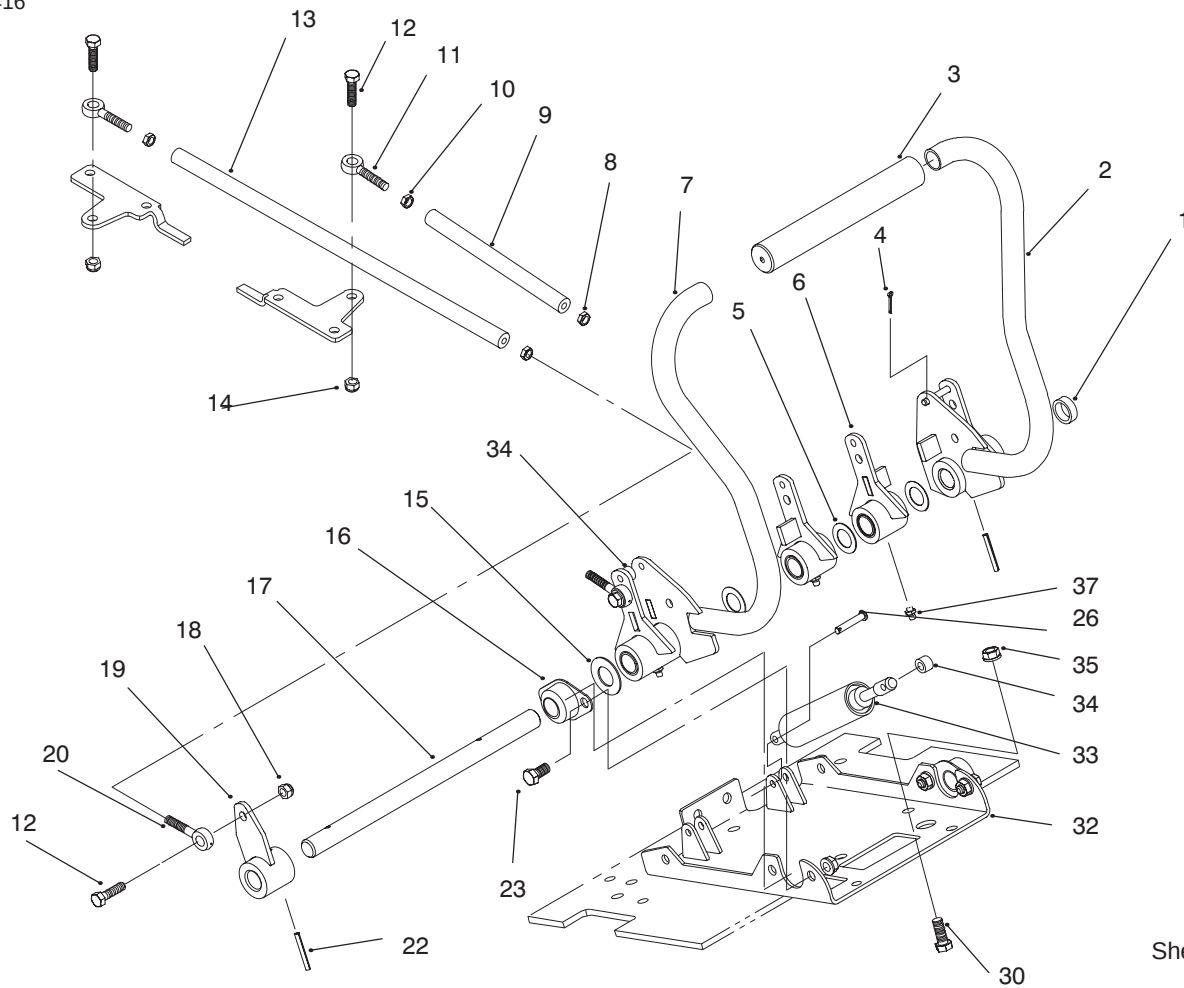


Sheet No.: 7

## Seat And Fenders

| Ref. No. | Part No.   | Qty. | Description       |
|----------|------------|------|-------------------|
| 1        | 94-4698    | 1    | Console           |
| 2        | 95-1962    | 6    | Tinnerman Clip    |
| 3        | 98-0753    | 1    | Decal-Instrument  |
| 4        | 32144-124  | 6    | Screw-PPH         |
| 5        | 94-9350-03 | 1    | Panel-Instrument  |
| 6        | 3256-23    | 8    | Washer-Flat       |
| 7        | 32144-11   | 4    | Screw-TAP         |
| 8        | 94-9488-03 | 1    | Strap-Console     |
| 9        | 94-9567    | 1    | ASM-Seat          |
| 10       | 93-7340    | 1    | Decal-Toro        |
| 11       | 3296-39    | 5    | Nut-Lock          |
| 12       | 3256-24    | 3    | Washer-Flat       |
| 13       | 94-4672-03 | 1    | Latch-Utility Box |
| 14       | 98-1306    | 1    | Decal-No Riders   |
| 15       | 94-4699    | 1    | Box-Utility       |
| 16       | 63-8410    | 2    | Washer-Flat       |
| 17       | 323-8      | 1    | Screw-HH          |
| 18       | 94-9496    | 1    | Pin-Pivot         |
| 19       | 3231-2     | 2    | Screw-CARR        |
| 20       | 94-4721-03 | 1    | Hinge-Utility Box |
| 21       | 74-0720    | 1    | Tube-Manual       |
| 22       | 2412-120   | 2    | Clamp-R           |
| 23       | 32104-76   | 2    | Screw-Self TAP    |
| 24       | 323-9      | 1    | Screw-HH          |
| 25       | 240-11     | 1    | Grommet           |
| 26       | 94-4799-03 | 1    | Strap-Fuel Tank   |

| Ref. No. | Part No.   | Qty. | Description           |
|----------|------------|------|-----------------------|
| 27       | 32144-14   | 2    | Screw-HWH             |
| 28       | 322-10     | 2    | Screw-HH              |
| 29       | 98-1953-03 | 1    | Bumper ASM            |
| 30       | 94-4798-01 | 1    | Plate-Tank Support    |
| 31       | 3296-29    | 9    | Nut-Lock              |
| 32       | 3290-357   | 1    | Nut-Lock Flange       |
| 33       | 32144-4    | 4    | Screw-TAP             |
| 34       | 94-9491-01 | 1    | Plate-Cover           |
| 35       | 322-3      | 4    | Screw-HH              |
| 36       | 3253-4     | 4    | Washer-Lock           |
| 37       | 3256-2     | 5    | Washer-Flat           |
| 38       | 115850     | 1    | Cable-Seat            |
| 39       | 323-7      | 2    | Screw-HH              |
| 40       | 94-9529-01 | 1    | Plate-Seat            |
| 41       | 52-2480    | 2    | Spacer-Wheel          |
| 42       | 38-1420    | 1    | Switch-Seat           |
| 43       | 3230-2     | 1    | Screw-CARR            |
| 44       | 322-4      | 6    | Screw-HH              |
| 45       | 94-4635-01 | 1    | Plate-Console Support |
| 46       | 98-1313    | 1    | Decal-Operation       |
| 47       | 322-2      | 2    | Screw-HH              |

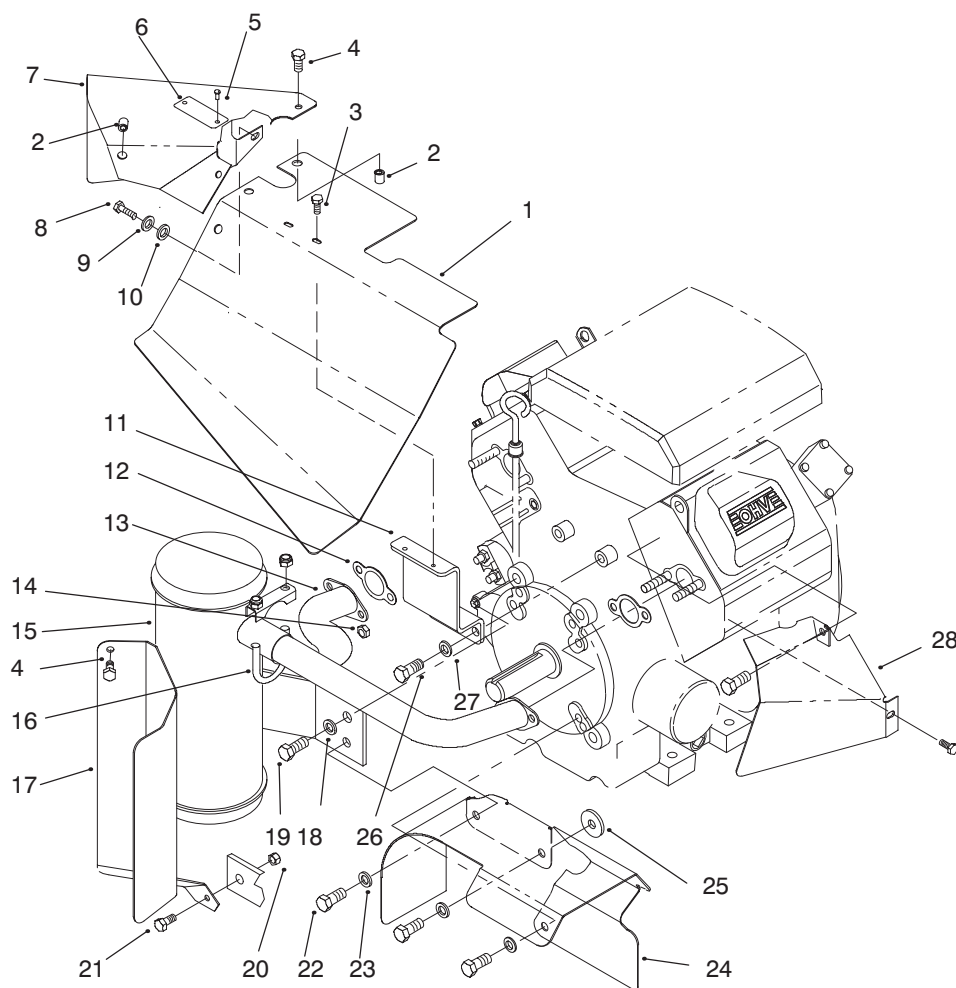


Sheet No.: 8

## Steering Controls

| Ref. No. | Part No.   | Qty. | Description        |
|----------|------------|------|--------------------|
| 1        | 94-9524    | 1    | Spacer-Control     |
| 2        | 94-9517-03 | 1    | Handle-Control LH  |
| 3        | 94-9490    | 2    | Grip-Cushion       |
| 4        | 3272-4     | 4    | Pin-Cotter         |
| 5        | 9202574    | 3    | Washer-Flt         |
| 6        | 94-9552    | 2    | Center Control ASM |
| 7        | 94-9551    | 1    | Handle-Control RH  |
| 8        | 3220-20    | 2    | Nut-Hex Jam        |
| 9        | 94-4717    | 1    | Rod-Control        |
| 10       | 3220-2     | 2    | Nut-Jam            |
| 11       | 2411-52    | 2    | Rod-End RH         |
| 12       | 322-5      | 4    | Screw-HH           |
| 13       | 94-4718    | 1    | Rod-Control        |
| 14       | 3296-29    | 2    | Nut-Lock           |
| 15       | 3256-39    | 1    | Washer-Flat        |
| 16       | 27-2320    | 2    | Bearing            |
| 17       | 94-9515    | 1    | Shaft-Control      |
| 18       | 3296-47    | 2    | Nut-Lock           |
| 19       | 94-9594-03 | 1    | Hub-Control        |
| 20       | 2411-53    | 2    | Rod-End LH         |
| 22       | 32121-103  | 2    | Pin-Spring         |
| 23       | 323-4      | 4    | Screw-HH           |
| 26       | 283-66     | 4    | Pin-Clevis         |
| 30       | 323-6      | 3    | Screw-HH           |
| 32       | 94-9591-03 | 1    | Mount-Channel      |
| 33       | 94-9596    | 2    | Damper-Control     |

| Ref. No. | Part No. | Qty. | Description    |
|----------|----------|------|----------------|
| 34       | 94-9593  | 2    | Spacer-Damper  |
| 35       | 3296-39  | 7    | Nut-Lock       |
| 37       | 302-5    | 3    | Fitting-Grease |

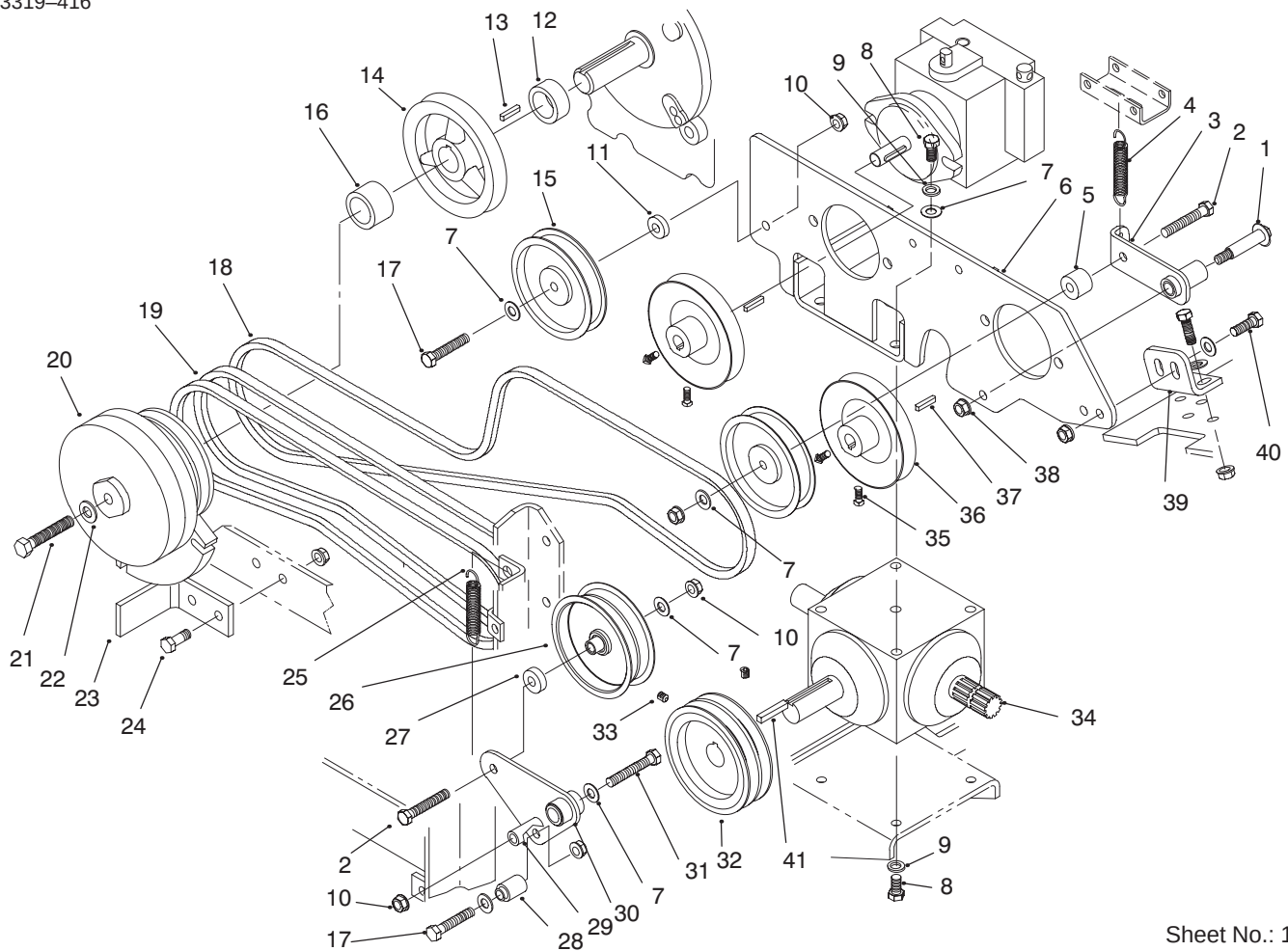


Sheet No.: 9

## Heat Shields And Exhaust

| Ref. No. | Part No.   | Qty. | Description             |
|----------|------------|------|-------------------------|
| 1        | 98-1328    | 1    | Baffle-Heat             |
| 2        | 32148-6    | 4    | Insert                  |
| 3        | 12-5450    | 2    | Screw-Thd Form          |
| 4        | 3234-4     | 4    | Screw-HH                |
| 5        | 3269-8     | 2    | Rivet                   |
| 6        | 80-9350    | 1    | Plate-Hot Surface       |
| 7        | 98-1327    | 1    | Baffle-Heat             |
| 8        | 42-9430    | 1    | Bolt w/Washer           |
| 9        | 48-8020    | 1    | Washer-Spring Lock      |
| 10       | 48-8010    | 1    | Washer-Flat 6.4mm Id    |
| 11       | 94-9561-03 | 1    | Bracket-Manifold Shield |
| 12       | 93-0350    | 2    | Gasket-Exhaust          |
| 13       | 94-9494    | 1    | Manifold                |
| 14       | 92-6780    | 4    | Nut-HHF                 |
| 15       | 94-9495    | 1    | Muffler                 |
| 16       | 2112-11    | 1    | Clamp-Muffler           |
| 17       | 98-1329    | 1    | Baffle-Heat             |
| 18       | 3253-6     | 1    | Washer-Lock             |
| 19       | 324-4      | 1    | Screw-HH                |
| 20       | 3296-42    | 1    | Nut-Lock                |
| 21       | 321-4      | 1    | Screw-HH                |
| 22       | 323-5      | 3    | Screw-HH                |
| 23       | 3253-5     | 3    | Washer-Lock             |
| 24       | 98-1326    | 1    | Baffle-Heat             |
| 25       | 2844       | 1    | Washer-Flat             |

| Ref. No. | Part No.  | Qty. | Description    |
|----------|-----------|------|----------------|
| 26       | 33114-020 | 2    | Screw-HH       |
| 27       | 48-9570   | 2    | Washer-Lock M8 |
| 28       | 98-1349   | 1    | Baffle-Heat    |



Sheet No.: 10

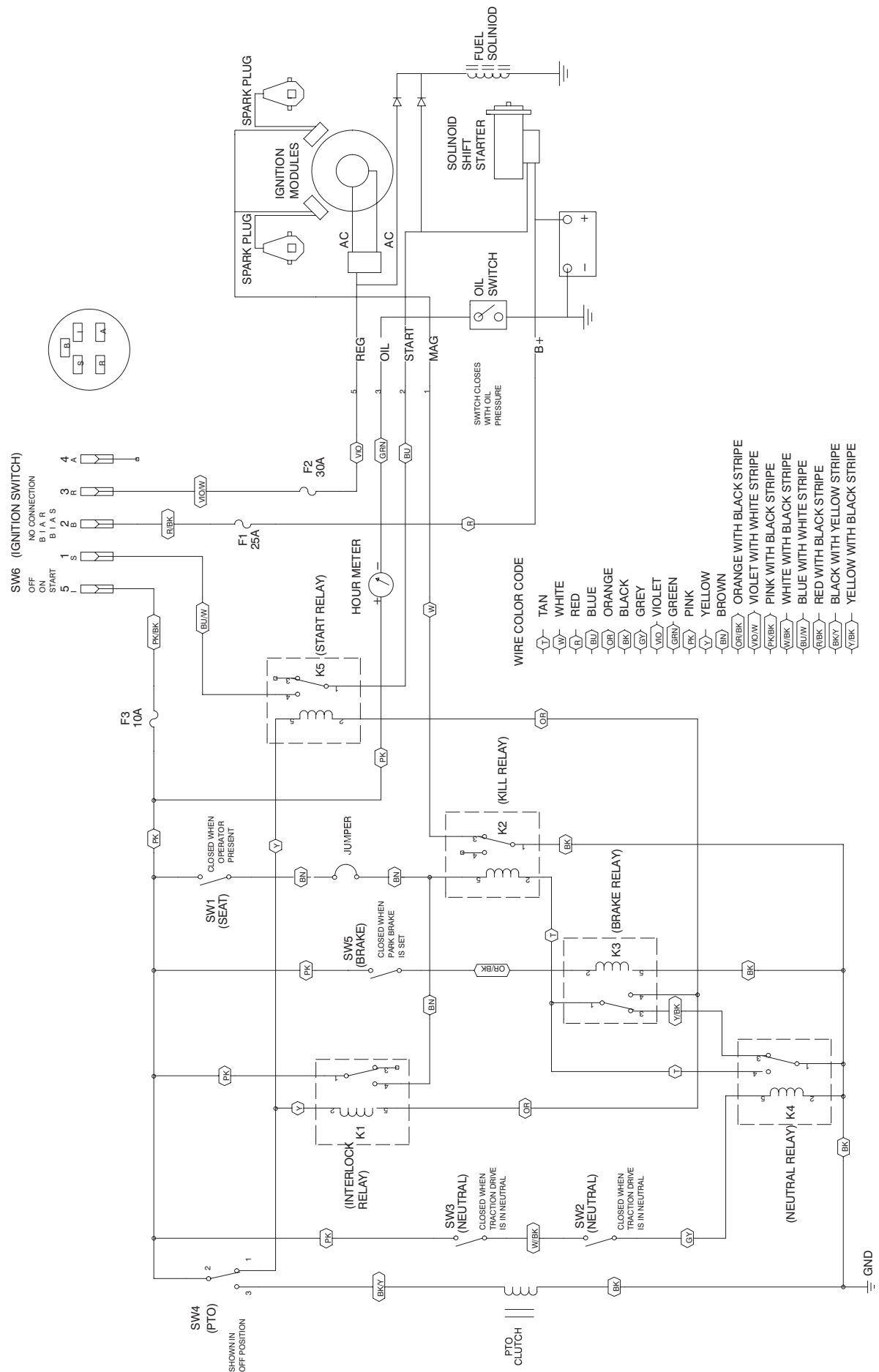
## Drive Systems

| Ref. No. | Part No.   | Qty. | Description         |
|----------|------------|------|---------------------|
| 1        | 27-6230    | 1    | Bolt-Wheel          |
| 2        | 323-11     | 2    | Screw               |
| 3        | 95-1950    | 1    | Arm ASM             |
| 4        | 94-9599    | 1    | Spring-Extension    |
| 5        | 94-4792    | 1    | Spacer-Idler Arm    |
| 6        | 94-4658-03 | 1    | Pump-Mount          |
| 7        | 3256-24    | 13   | Washer-Flat         |
| 8        | 323-4      | 8    | Screw-HH            |
| 9        | 3253-21    | 8    | Washer-Lock         |
| 10       | 3296-39    | 11   | Nut-Lock            |
| 11       | 9202204    | 1    | Washer              |
| 12       | 94-4688    | 1    | Spacer-Engine Shaft |
| 13       | 5-0698     | 1    | Key                 |
| 14       | 94-4628    | 1    | Engine-Pulley       |
| 15       | 93-1622    | 2    | Pulley-Idler        |
| 16       | 94-4689    | 1    | Spacer-Engine Shaft |
| 17       | 323-10     | 2    | Screw-HH            |
| 18       | 94-4607    | 1    | Belt-Pump Drive     |
| 19       | 94-4608    | 1    | Belt-PTO            |
| 20       | 94-4632    | 1    | Clutch ASM          |
| 21       | 3212-10    | 1    | Screw               |
| 22       | 3256-25    | 1    | Washer-Flat         |
| 23       | 98-1301-03 | 1    | Stop-Clutch         |
| 24       | 323-6      | 2    | Screw-HH            |
| 25       | 88-6460    | 1    | Spring - Extension  |
| 26       | 66-4210    | 1    | Pulley-Idler        |

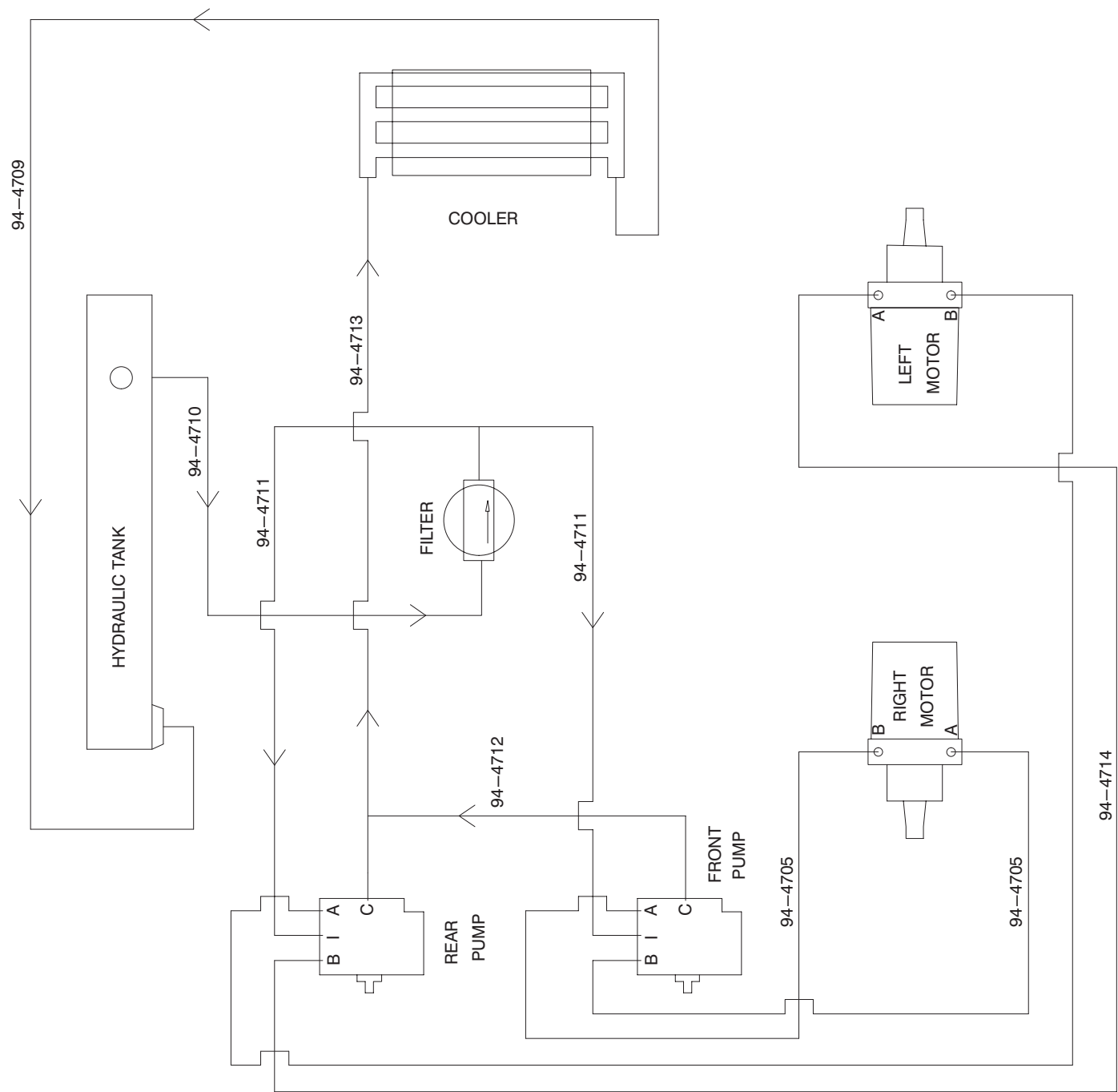
| Ref. No. | Part No.   | Qty. | Description       |
|----------|------------|------|-------------------|
| 27       | 94-4685    | 1    | Spacer-Idler      |
| 28       | 95-1967    | 1    | Spacer-Spring     |
| 29       | 114511     | 1    | Spacer            |
| 30       | 95-1968    | 1    | Idler Arm ASM     |
| 31       | 323-31     | 1    | Screw-Hhcs        |
| 32       | 94-4629    | 1    | Clutch-Pulley     |
| 33       | 3246-3     | 2    | Screw-HSH         |
| 34       | 94-4641    | 1    | Gearbox-PTO Drive |
| 35       | 3241-5     | 4    | Set Screw         |
| 36       | 80-8170    | 2    | Pulley-Pump       |
| 37       | 80-6090    | 2    | Key-Square        |
| 38       | 3296-6     | 1    | Nut-Lock          |
| 39       | 94-4787-03 | 1    | Mount-Plate       |
| 40       | 323-18     | 4    | Screw-HH          |
| 41       | 67-7490    | 1    | Key               |



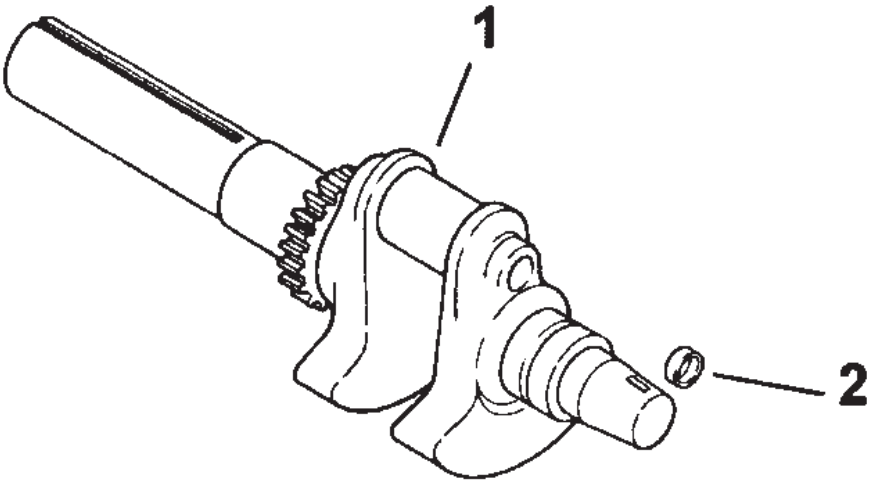
# Electric Schematic



# Hydraulic Schematic





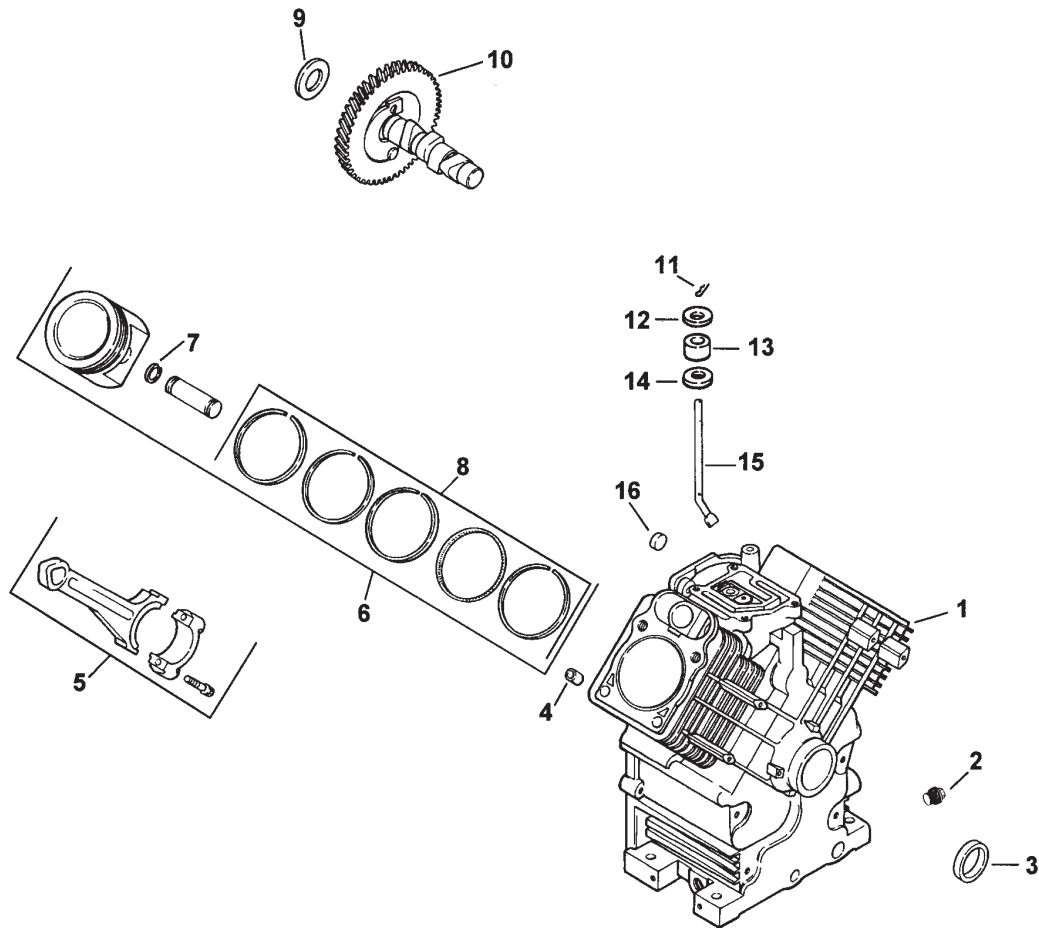


Sheet No.: 2  
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Crankshaft

| Ref. No. | Description          | Part No.  |
|----------|----------------------|-----------|
| 1.       | Crankshaft (Incl. 2) | 24 014 72 |
| 2.       | Plug, cup            | 52 139 09 |

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



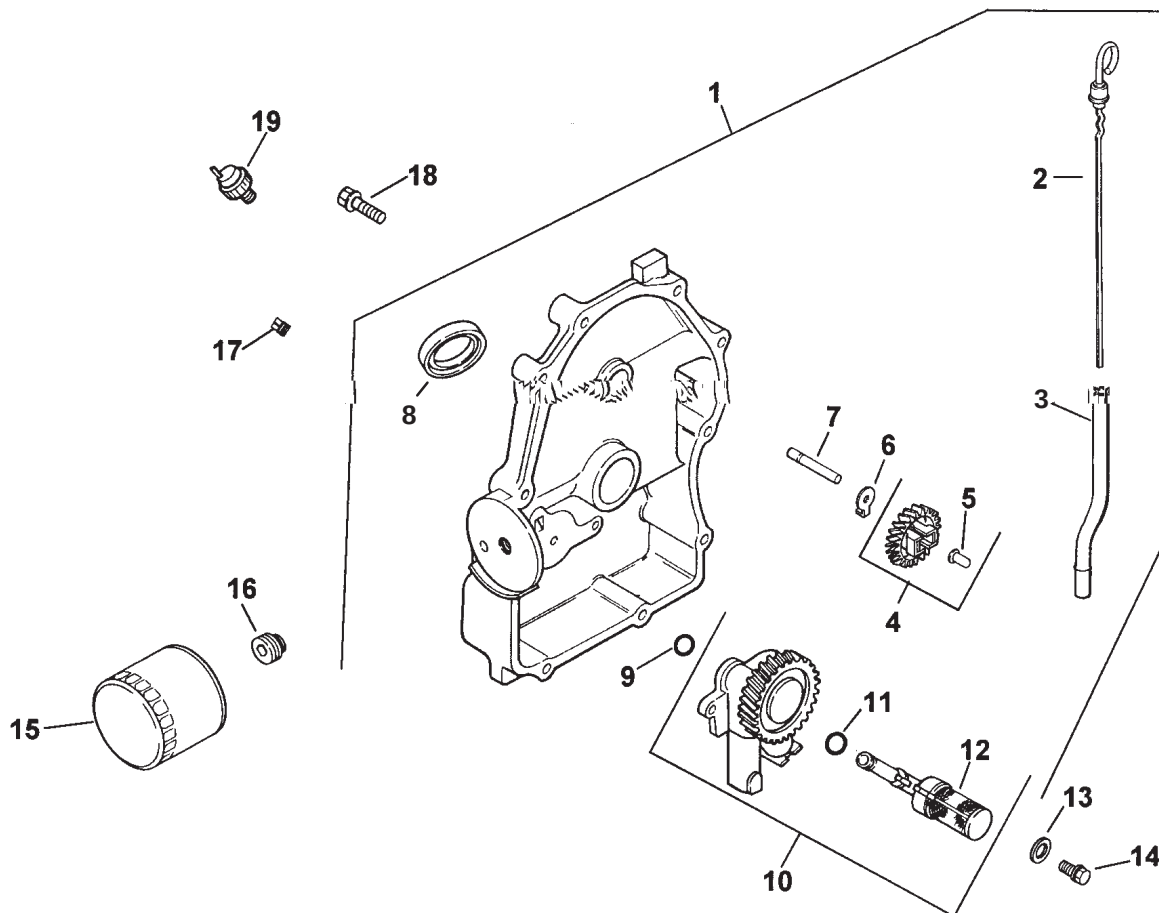
Sheet No.: 3

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## Crankcase

| Ref. No. | Description                     | Part No.  |
|----------|---------------------------------|-----------|
| 1.       | Cylinder Block (USE: Miniblock) | 24 782 01 |
| 2.       | Plug, hex. head 3/8 (2)         | X-75-10   |
| 3.       | Seal, oil front                 | 24 032 01 |
| 4.       | Pin, dowel locating (6)         | 12 380 17 |
| 5.       | Connecting Rod (Std.) (2)       | 24 067 09 |
|          | Connecting Rod (.25) (2)        | 24 067 10 |
| 6.       | Piston w/Ring Set (Std.) (2)    | 24 874 01 |
|          | Piston w/Ring Set (.25) (2)     | 24 874 02 |
|          | Piston w/Ring Set (.50) (2)     | 24 874 03 |
| 7.       | Retainer, piston pin (4)        | 24 018 01 |
| 8.       | Ring Set (Std.) (2)             | 24 108 01 |
|          | Ring Set (.25) (2)              | 24 108 02 |
|          | Ring Set (.50) (2)              | 24 108 03 |
| 9.       | Shim, camshaft (A.R.) red       | 12 422 09 |
|          | Shim, camshaft (A.R.) black     | 12 422 13 |
|          | Shim, camshaft (A.R.) white     | 12 422 07 |
|          | Shim, camshaft (A.R.) blue      | 12 422 08 |
|          | Shim, camshaft - yellow         | 12 422 10 |
|          | Shim, camshaft (A.R.) green     | 12 422 11 |
|          | Shim, camshaft (A.R.) gray      | 12 422 12 |
| 10.      | Camshaft                        | 24 012 05 |
| 11.      | Pin, hitch                      | 12 380 04 |
| 12.      | Washer, flat                    | M-0631005 |
| 13.      | Seal, governor cross shaft      | 12 032 01 |
| 14.      | Washer, plain 1/4               | X-25-102  |

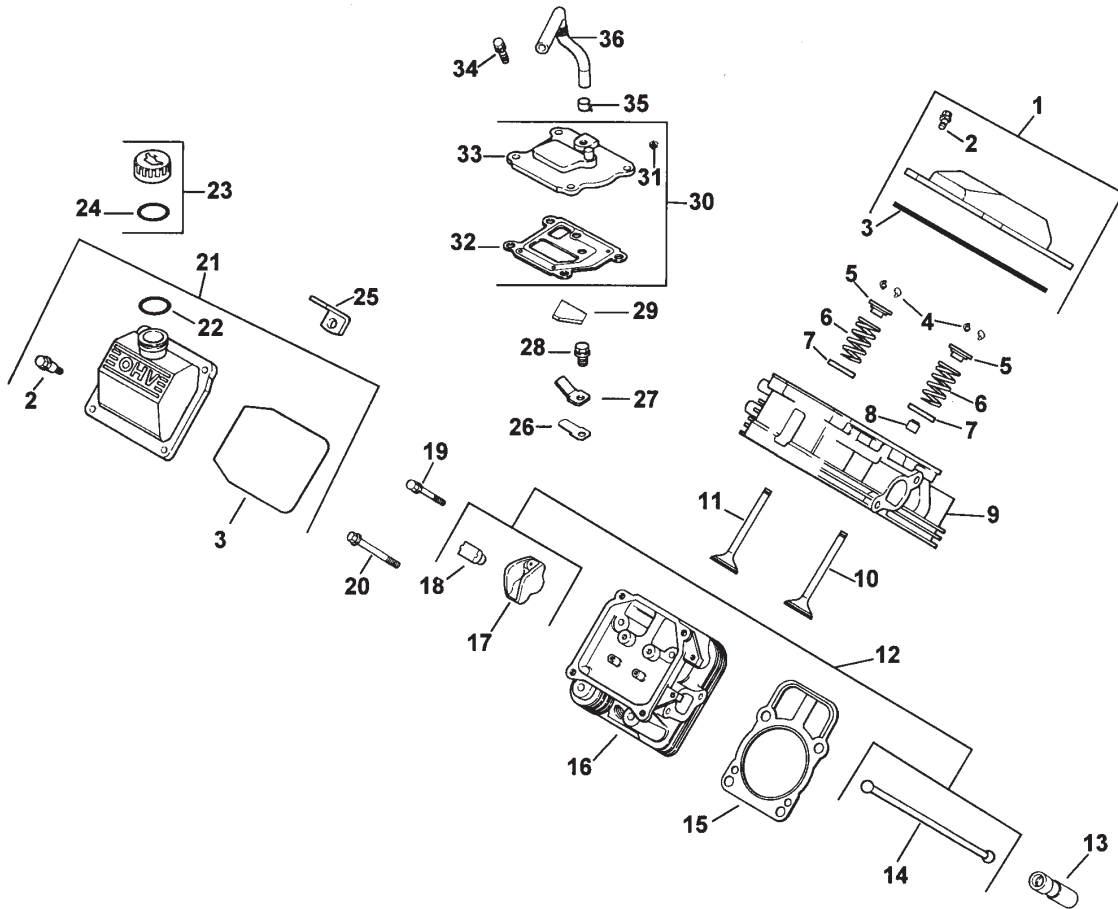
| Ref. No. | Description           | Part No.  |
|----------|-----------------------|-----------|
| 15.      | Shaft, governor cross | 24 144 01 |
| 16.      | Plug, cup             | 52 139 09 |



Sheet No.: 4

## Oil Pan / Lubrication

| Ref. No. | Description                           | Part No.               | Ref. No. | Description | Part No. |
|----------|---------------------------------------|------------------------|----------|-------------|----------|
| 1.       | Plate, closure Asm<br>(Inc 2-12)      | 24 009 82              |          |             |          |
| 2.       | Dipstick                              | 24 038 06              |          |             |          |
| 3.       | Tube, dipstick                        | 24 123 08              |          |             |          |
| 4.       | Kit, governor gear<br>(Includes 5)    | 24 043 12              |          |             |          |
| 5.       | Pin, governor regulating              | 12 380 01              |          |             |          |
| 6.       | Tab, locking                          | 52 448 02              |          |             |          |
| 7.       | Shaft, governor gear                  | 12 144 02              |          |             |          |
| 8.       | Seal, oil (PTO end)                   | 52 032 08              |          |             |          |
| 9.       | O-Ring                                | 24 153 08              |          |             |          |
| 10.      | Oil pump Asm (Incl. 11-12)            | 24 393 10              |          |             |          |
| 11.      | O-Ring, oil pick-up                   | 24 153 01              |          |             |          |
| 12.      | Pick-up, oil                          | 24 381 04              |          |             |          |
| 13.      | Washer, plain 6mm (2)                 | M-0631005              |          |             |          |
| 14.      | Screw, hex. flange<br>M6x1.0x25 (2)   | M-0645025              |          |             |          |
| 15.      | Filter, oil                           | 12 050 01              |          |             |          |
| 16.      | Nipple, oil filter                    | 24 136 01              |          |             |          |
| 17.      | Plug, pipe 1/8"                       | X-75-23                |          |             |          |
| 18.      | Screw, hex. flange<br>M8x1.25x45 (10) | 24 086 16              |          |             |          |
| 19.      | Switch, pressure<br>Decal, oil sentry | 52 099 06<br>25 113 05 |          |             |          |



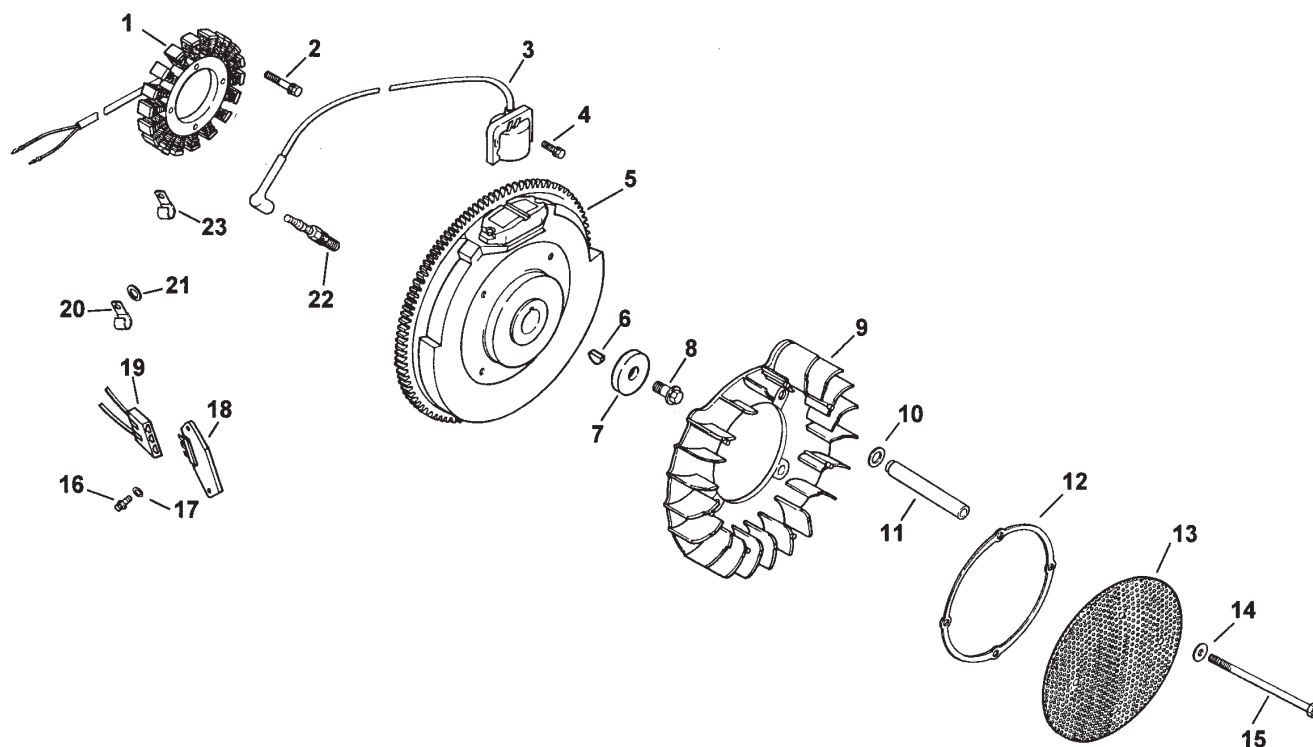
Sheet No.: 5

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## Head / Valve / Breather

| Ref. No. | Description                             | Part No.  |
|----------|-----------------------------------------|-----------|
| 1.       | Kit, valve cover – plain<br>(Incl. 2–3) | 24 755 74 |
| 2.       | Screw, shoulder (4)                     | 24 086 32 |
| 3.       | O–Ring, valve cover                     | 24 153 16 |
| 4.       | Kit, retainer (4)                       | 12 755 03 |
| 5.       | Cap, valve spring (4)                   | 12 173 01 |
| 6.       | Spring, valve (4)                       | 24 089 02 |
| 7.       | Retainer, spring (4)                    | 235011    |
| 8.       | Seal, valve stem (2)                    | 24 032 05 |
| 9.       | Head Asm, #1 cylinder                   | 24 318 09 |
| 10.      | Valve, intake ( Std.) (2)               | 24 017 01 |
|          | Valve, intake (.25) (2)                 | 24 017 02 |
| 11.      | Valve, exhaust (Std.) (2)               | 24 016 01 |
|          | Valve, exhaust (.25) (2)                | 24 016 02 |
| 12.      | Kit, valve train<br>(Incl. 14,17,18)    | 24 755 66 |
| 13.      | Lifter, valve (4)                       | 12 351 02 |
| 14.      | Rod, push (4)                           | 24 411 05 |
| 15.      | Gasket, cylinder head (2)               | 24 041 08 |
| 16.      | Head Asm, #2 cylinder                   | 24 318 10 |
| 17.      | Arm, rocker (4)                         | 25 186 01 |
| 18.      | Pivot, rocker arm (4)                   | 24 599 01 |
| 19.      | Screw, hex. flange<br>M6x1.0x34 (4)     | M–0640034 |
| 20.      | Screw, hex. flange<br>M10x1.5x90 (8)    | 12 086 16 |

| Ref. No. | Description                                   | Part No.  |
|----------|-----------------------------------------------|-----------|
| 21.      | Kit, valve cover – oil fill<br>(Incl. 2,3,22) | 24 755 75 |
| 22.      | O–Ring                                        | 24 153 09 |
| 23.      | Kit, oil fill cap (Incl. 24)                  | 24 755 46 |
| 24.      | O–Ring, oil fill cap                          | 24 153 03 |
| 25.      | Strap, lifting                                | 24 445 01 |
| 26.      | Reed, breather                                | 24 402 03 |
| 27.      | Retainer, breather reed                       | 12 018 01 |
| 28.      | Screw, hex. flange<br>M5x0.8x10               | M–0545010 |
| 29.      | Filter, breather                              | 24 050 01 |
| 30.      | Kit, breather (Incl. 31–33)                   | 24 033 01 |
| 31.      | Plug, allen head 1/8 pipe                     | X–75–23   |
| 32.      | Gasket, breather                              | 24 041 23 |
| 33.      | Cover, breather                               | 24 096 02 |
| 34.      | Screw, hex. flange<br>M6x1.0x20 (4)           | M–0645020 |
| 35.      | Clamp, breather                               | X–426–9   |
| 36.      | Hose, breather                                | 24 326 06 |

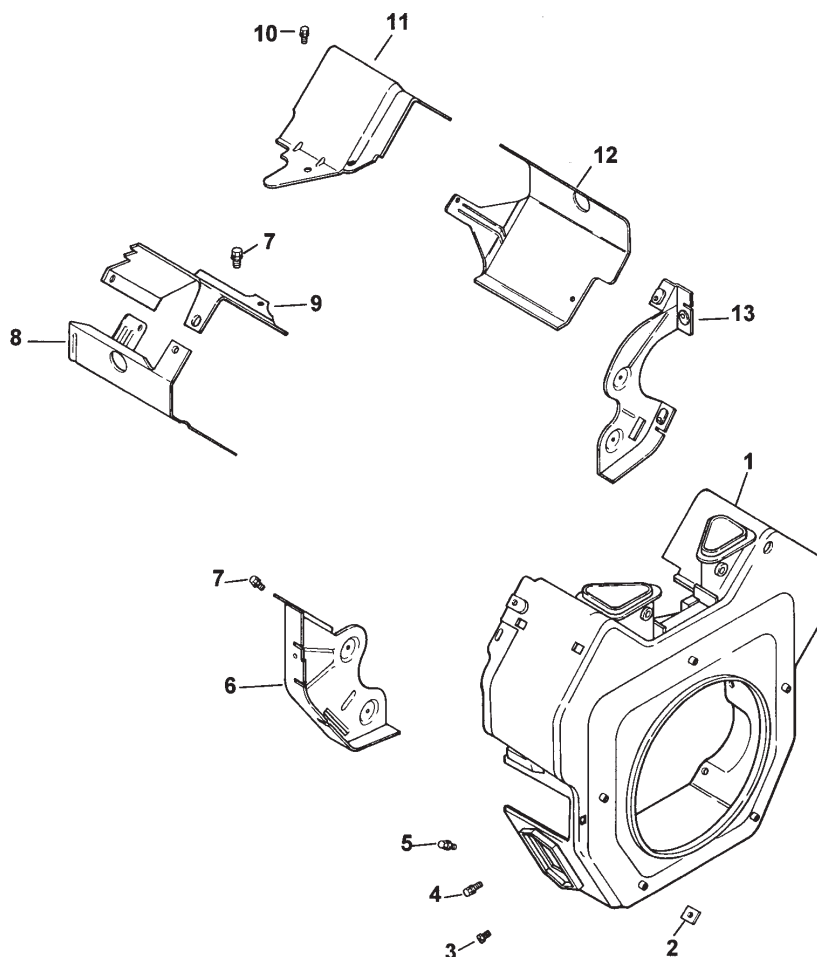


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## Ignition / Electrical

| Ref. No. | Description                       | Part No.  | Ref. No. | Description                                                                 | Part No.  |
|----------|-----------------------------------|-----------|----------|-----------------------------------------------------------------------------|-----------|
| 1.       | Stator — 15 amp                   | 24 085 03 | 16.      | Screw, phillips hd. 1                                                       |           |
| 2.       | Screw, hex. cap<br>M5x0.8x25 (2)  | M-0548025 | 17.      | 1-16x7/8 (2)                                                                | 24 086 18 |
| 3.       | Module, ignition (2)              | 24 584 01 | 18.      | Washer, plain 3/16 (2)                                                      | X-25-92   |
| 4.       | Screw, hex. flange (4)            | M-0545020 | 19.      | Rectifier-regulator 15 amp                                                  | 25 403 03 |
| 5.       | Flywheel                          | 24 025 01 | 20.      | Connector                                                                   | 236602    |
| 6.       | Key                               | X-42-15   | 21.      | Clip, cable                                                                 | 235173    |
| 7.       | Washer, plain 3/8                 | 12 468 03 | 22.      | Washer, plain 1/4                                                           | X-25-63   |
| 8.       | Screw, hex. flange<br>M10x1.5x46  | 12 086 14 | 23.      | Spark Plug (2)                                                              | 12 132 02 |
| 9.       | Fan                               | 24 157 03 |          | Clip, cable                                                                 | 48 154 02 |
| 10.      | Washer, spring 10 mm (4)          | 24 468 11 |          | Lead, black, (4" — 18 gauge<br>— insulated grip barrel<br>eyelet terminals) | 25 518 28 |
| 11.      | Spacer, grass screen (4)          | 24 112 14 |          | Harness, wiring                                                             | 24 176 40 |
| 12.      | Ring, support                     | 24 141 06 |          | Bracket, stator wire                                                        | 24 126 71 |
| 13.      | Screen, grass                     | 24 162 25 |          | Screw, set (adjusts grass<br>scraper blade)                                 | 25 086 43 |
| 14.      | Washer, plain (4)                 | X-25-53   |          | Washer, plain ground                                                        | X-25-63   |
| 15.      | Screw, hex. cap<br>M6x1.0x100 (4) | M-0603100 |          |                                                                             |           |



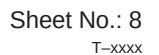
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## Blower Housing And Baffles

| Ref. No. | Description                         | Part No.  |
|----------|-------------------------------------|-----------|
| 1.       | Housing, blower                     | 54 027 03 |
| 2.       | Nut, plastic (2)                    | 24 100 01 |
| 3.       | Screw, hex. flange<br>M5x0.8x16     | M-0551016 |
| 4.       | Screw, hex. flange (5)<br>M5x0.8x16 | M-0545016 |
| 5.       | Screw, hex. flange (2)<br>M5x0.8x20 | M-0545020 |
| 6.       | Plate, backing - #2 side            | 24 146 02 |
| 7.       | Screw, hex. flange<br>M6x1.0x16 (6) | M-0645016 |
| 8.       | Baffle, cyl. barrel-#2 side         | 24 063 20 |
| 9.       | Baffle, valley - #2 side            | 24 063 17 |
| 10.      | Screw, hex. flange<br>M5x0.8x10 (2) | M-0545010 |
| 11.      | Baffle, valley - #1 side            | 24 063 24 |
| 12.      | Baffle, cyl. barrel-#1 side         | 24 063 30 |
| 13.      | Plate, backing - #1 side            | 24 146 08 |
|          | Decal, HP                           | 24 113 12 |

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



| Ref. No. | Description                                 | Part No.  |
|----------|---------------------------------------------|-----------|
| 1.       | Nut, hex flange M8x1.25                     | M—0841080 |
| 2.       | Screw, hex. flange<br>M8x1.25x80 (2)        | M—0839080 |
| 3.       | Starter, solenoid shift Asm<br>(Incl. 4—18) | 24 098 01 |
| 4.       | Drive, end cap                              | 24 081 04 |
| 5.       | Nut, starter (2)                            | 52 100 10 |
| 6.       | Lever, starter drive                        | 12 090 10 |
| 7.       | Kit, starter repair                         | 24 755 84 |
| 8.       | Drive, pinion                               | 12 239 01 |
| 9.       | Solenoid                                    | 52 435 02 |
| 10.      | Nut, starter                                | 52 100 09 |
| 11.      | Armature, starter                           | 12 170 04 |
| 12.      | Frame                                       | 12 471 01 |
| 13.      | Kit, brush & spring (Incl. 15)              | 52 221 01 |
| 14.      | Holder, brush                               | 52 323 03 |
| 15.      | Spring, brush (4)                           | 52 089 09 |
| 16.      | Insulator                                   | 52 168 01 |
| 17.      | Bolt, thru (2)                              | 52 211 05 |
| 18.      | Commutator, end cap                         | 24 301 01 |

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



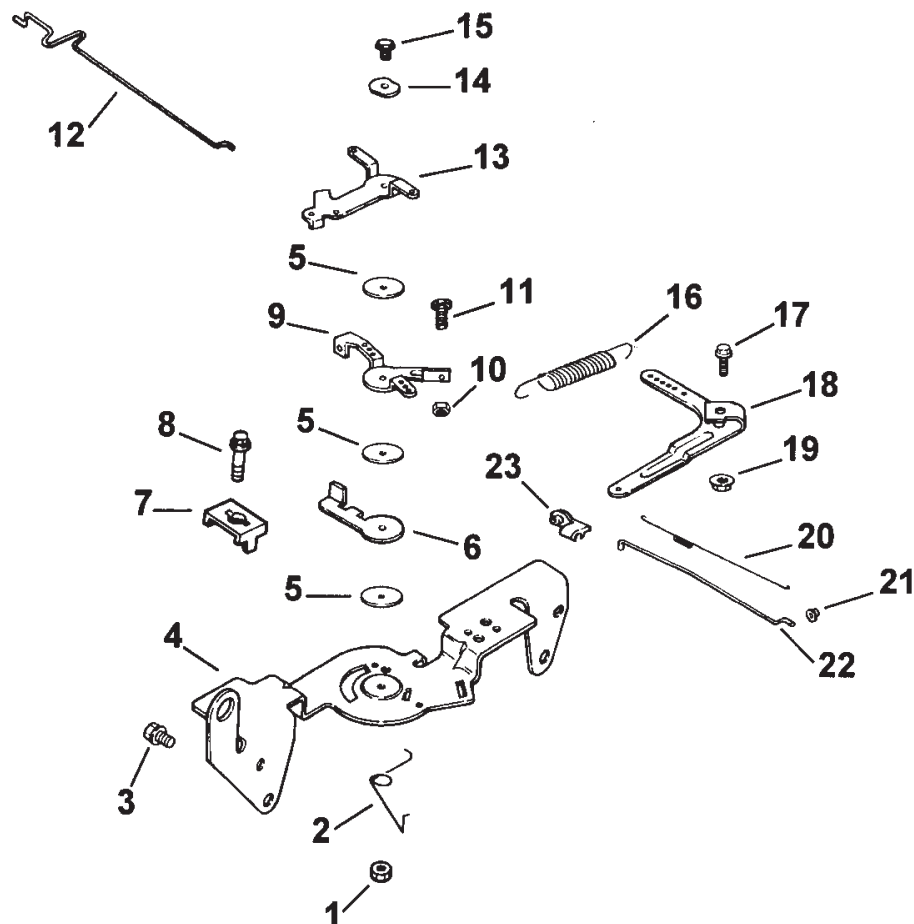
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## Fuel System

| Ref. No. | Description                                                                                                 | Part No.   |
|----------|-------------------------------------------------------------------------------------------------------------|------------|
| 1.       | Line, fuel 9" (2)                                                                                           | 25 353 10  |
| 2.       | Clamp, hose (6)                                                                                             | X-426-9    |
| 3.       | Kit, carburetor w/gasket<br>(Incl. 4-6)                                                                     | 24 853 32  |
| 4.       | Gasket, air cleaner base                                                                                    | 24 041 06  |
| 5.       | Carburetor Asm (Incl. 11-31,<br>carburetor repair kit<br>(For information only not<br>available separately) | 24 757 03) |
| 6.       | Gasket, carburetor                                                                                          | 24 053 32  |
| 7.       | Screw, hex. flange (2)                                                                                      | 24 041 17  |
| 8.       | Filter, fuel                                                                                                | M-0651030  |
| 9.       | Nut, plastic (2)                                                                                            | 24 050 02  |
| 10.      | Pump, fuel - pulse                                                                                          | 24 100 01  |
| 11.      | Screw, hex. cap 18 mm (2)                                                                                   | 24 393 04  |
| 12.      | Line, fuel 10"                                                                                              | 24 086 12  |
| 13.      | Screw, hex. flange<br>M6x1.0x10                                                                             | 52 353 20  |
| 14.      | Clip, cable                                                                                                 | M-0650012  |
| 15.      | Kit, choke repair (Incl. 16)                                                                                | 24 154 01  |
| 16.      | Cap, choke lever                                                                                            | 24 757 07  |
| 17.      | Clip, inlet needle valve                                                                                    | 24 173 02  |
| 18.      | Valve, inlet needle                                                                                         | 24 154 01  |
| 19.      | Screw, carburetor body (4)                                                                                  | 24 462 01  |
| 20.      | Gasket, carburetor body                                                                                     | 24 086 09  |
| 21.      | O-Ring, slow jet (2)                                                                                        | 24 041 09  |
|          |                                                                                                             | 24 153 02  |

| Ref. No. | Description                 | Part No.  |
|----------|-----------------------------|-----------|
| 22.      | Jet, slow                   | 24 337 01 |
| 23.      | Kit, float repair           | 24 757 02 |
| 24.      | Jet, main                   | 24 337 02 |
| 25.      | Spring, idle adjust screw   | 24 089 10 |
| 26.      | Screw, idle adjusting       | 24 086 10 |
| 27.      | Kit, solenoid (Incl. 28–33) | 24 757 01 |
| 28.      | O–Ring                      | 24 153 06 |
| 29.      | Seat, solenoid              | 24 521 01 |
| 30.      | O–Ring                      | 24 153 05 |
| 31.      | O–Ring                      | 24 153 04 |
| 32.      | Solenoid                    | 24 435 01 |
| 33.      | Screw, solenoid (2)         | 24 086 07 |
| 34.      | Needle, idle                | 24 368 01 |
| 35.      | Spring, idle needle         | 24 089 11 |
|          | Kit, carburetor repair      | 24 757 03 |



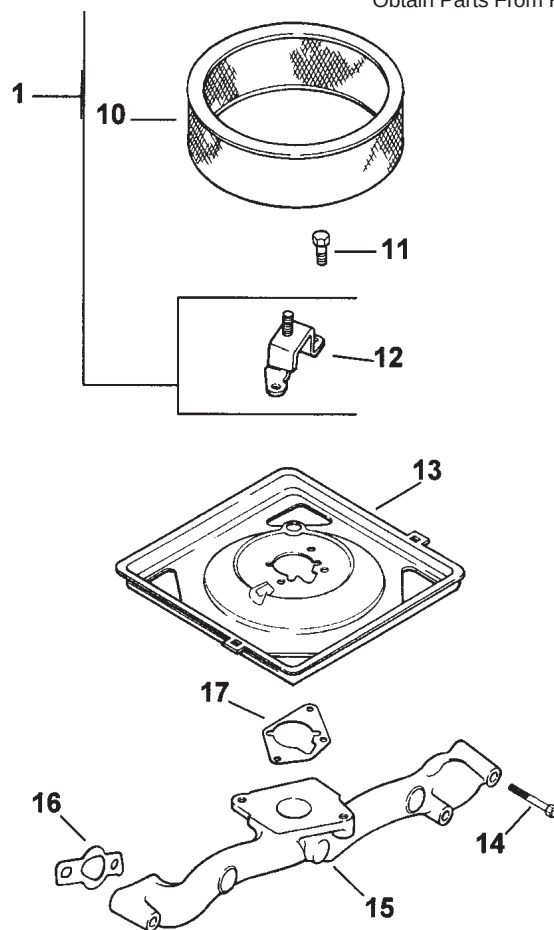
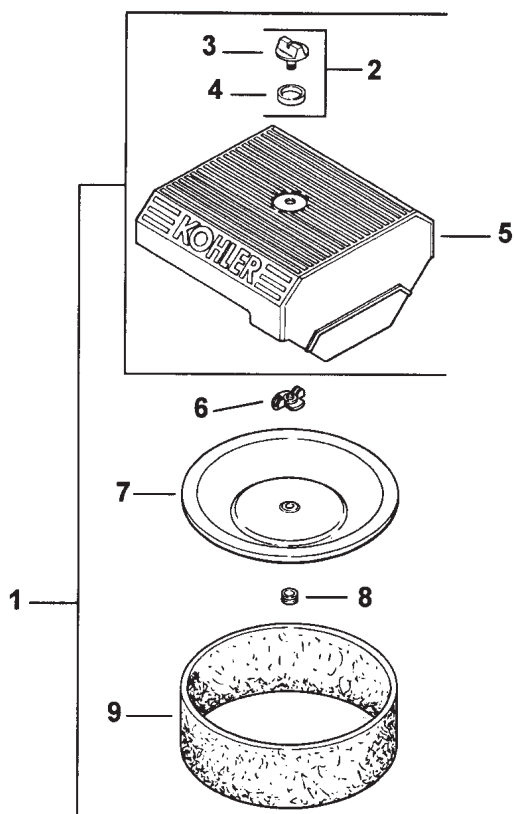


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## Engine Controls

| Ref. No. | Description                  | Part No.      | Ref. No. | Description | Part No. |
|----------|------------------------------|---------------|----------|-------------|----------|
| 1.       | Nut, hex. lock M5x0.8        | M-0547050     |          |             |          |
| 2.       | Spring, choke return         | 24 089 03     |          |             |          |
| 3.       | Screw, hex. flange M6x1.0x16 | (4) M-0645016 |          |             |          |
| 4.       | Bracket, control             | 24 126 56     |          |             |          |
| 5.       | Washer, plain 5.5mm (3)      | 24 468 01     |          |             |          |
| 6.       | Lever, throttle actuator     | 24 090 07     |          |             |          |
| 7.       | Clamp, cable (2)             | 12 237 01     |          |             |          |
| 8.       | Screw, hex. flange M5x0.8x16 | M-0545016     |          |             |          |
| 9.       | Lever, throttle control      | 24 090 03     |          |             |          |
| 10.      | Nut, hex M4x0.7              | M-0446030     |          |             |          |
| 11.      | Screw, hex. cap M4x0.7x30    | M-0401030     |          |             |          |
| 12.      | Linkage, choke               | 24 079 02     |          |             |          |
| 13.      | Lever, choke                 | 24 090 05     |          |             |          |
| 14.      | Washer, spring 1/4           | 41 468 03     |          |             |          |
| 15.      | Screw, hex. flange M5x0.8x20 | M-0545020     |          |             |          |
| 16.      | Spring, governor             | 24 089 18     |          |             |          |
| 17.      | Screw, hex. flange M6x1.0x25 | SM-064205     |          |             |          |
| 18.      | Lever, governor              | 24 090 14     |          |             |          |
| 19.      | Nut, hex. flange M6x1.0      | M-0641060     |          |             |          |
| 20.      | Spring, linkage              | 24 089 01     |          |             |          |
| 21.      | Bushing, linkage retaining   | 25 158 08     |          |             |          |
| 22.      | Linkage, throttle            | 24 079 01     |          |             |          |
| 23.      | Bushing, linkage retaining   | 25 158 11     |          |             |          |



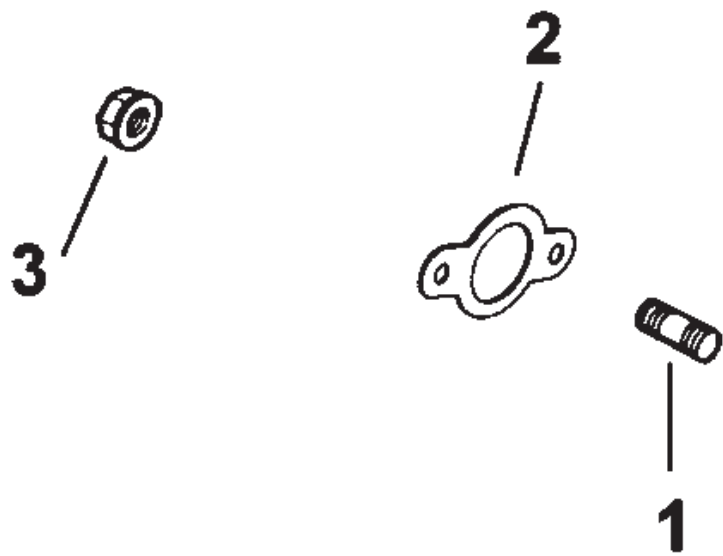
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## Air Intake / Filtration

| Ref. No. | Description                               | Part No.  |
|----------|-------------------------------------------|-----------|
| 1.       | Kit, air cleaner cover<br>(Incl. 2—5, 12) | 24 743 05 |
| 2.       | Kit, knob with seal (Incl. 3—4)           | 54 755 01 |
| 3.       | Knob, cover                               | 25 341 03 |
| 4.       | Seal, air cleaner cover knob              | 24 153 15 |
| 5.       | Cover, air cleaner                        | 24 096 24 |
| 6.       | Wing Nut                                  | 12 100 01 |
| 7.       | Cover, inner air cleaner                  | 24 096 01 |
| 8.       | Seal, inner air cleaner                   | 24 032 03 |
| 9.       | Precleaner, element                       | 24 083 02 |
| 10.      | Element, air cleaner                      | 47 083 03 |
| 11.      | Screw, hex. flange<br>M6x1.0x16 (3)       | M—0639016 |
| 12.      | Bracket, air cleaner base                 | 24 126 21 |
| 13.      | Base, air cleaner                         | 24 094 03 |
| 14.      | Screw, hex. flange<br>M6x1.0x55 (4)       | M—0651055 |
| 15.      | Manifold, intake                          | 24 164 14 |
| 16.      | Gasket, intake manifold (2)               | 24 041 01 |
| 17.      | Gasket, air cleaner base                  | 24 041 06 |

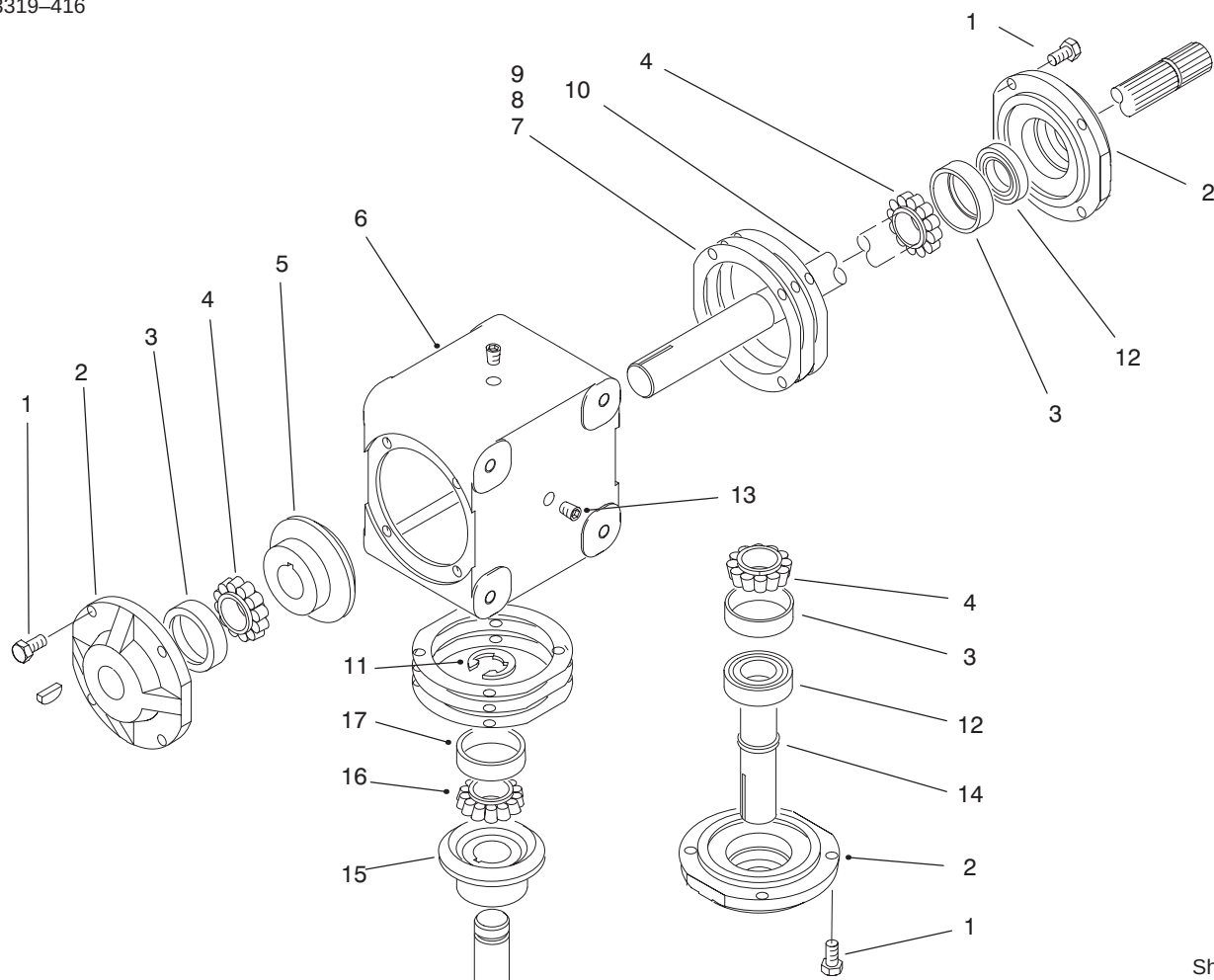
| Ref. No. | Description | Part No. |
|----------|-------------|----------|
|          |             |          |



Sheet No.: 11  
T-xxxx

Exhaust

| Ref. No. | Description                  | Part No.  | Ref. No. | Description | Part No. |
|----------|------------------------------|-----------|----------|-------------|----------|
| 1.       | Stud M8x1.25x33 (4)          | M-0829033 |          |             |          |
| 2.       | Gasket, exhaust (2)          | 24 041 02 |          |             |          |
| 3.       | Nut, hex. flange M8x1.25 (4) | M-0841080 |          |             |          |
|          | Miniblock                    | 24 782 01 |          |             |          |
|          | Gasket Set                   | 24 755 03 |          |             |          |

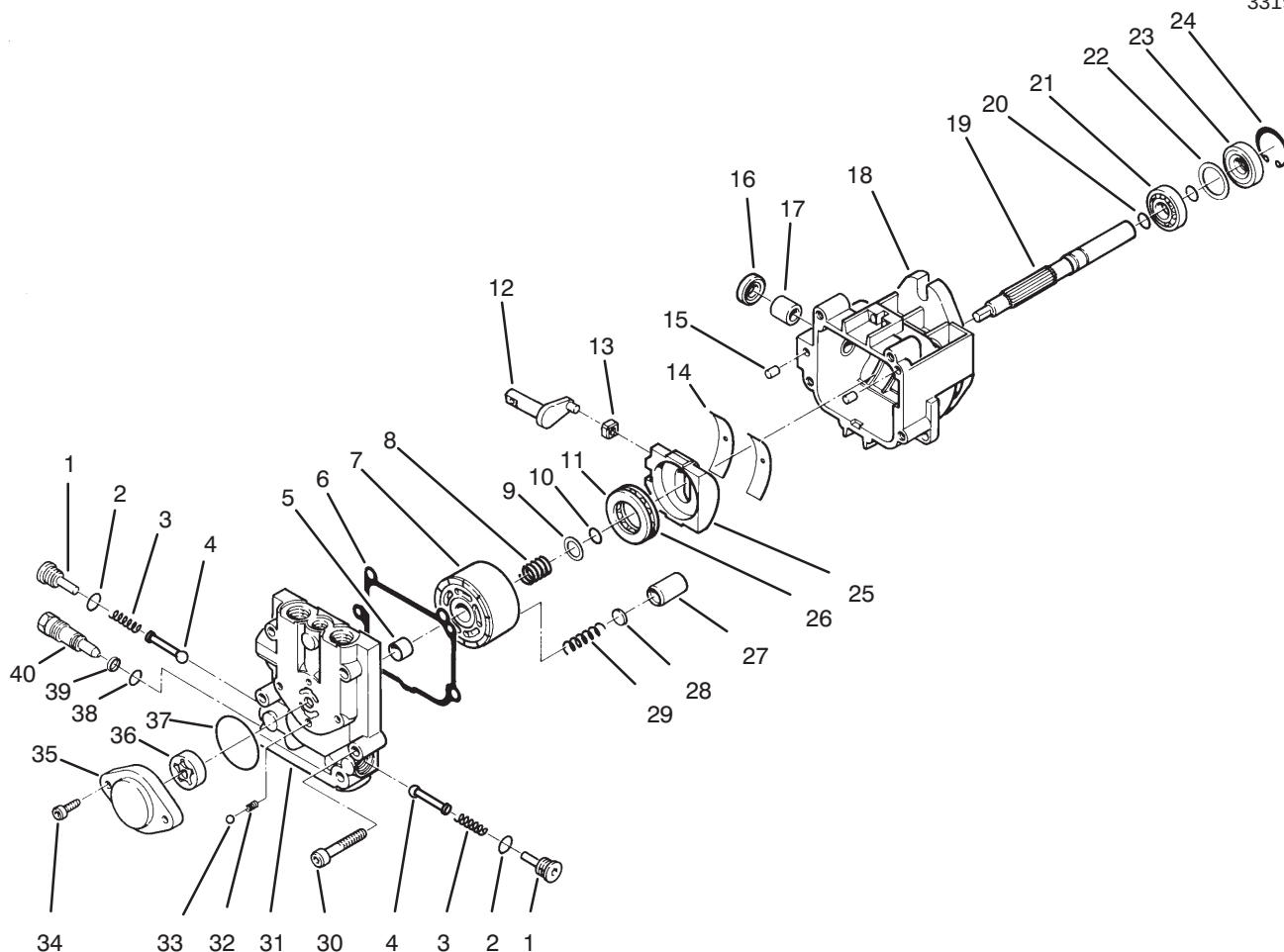


Sheet No.: 100

# Gear Box Assembly No. 94-4641

| Ref. No. | Part No. | Qty. | Description       |
|----------|----------|------|-------------------|
| 1        | 98-1341  | 12   | Screw             |
| 2        | 98-1346  | 3    | Cap               |
| 3        | 62-3340  | 3    | Bearing Cup       |
| 4        | 98-1343  | 3    | Bearing-Cone      |
| 5        | 98-1348  | 1    | Gear LH           |
| 6        | 98-1340  | 1    | Housing           |
| 7        | 62-3420  | A/R  | Gasket (.015)     |
| 8        | 62-3430  | A/R  | Gasket (.005)     |
| 9        | 62-3440  | A/R  | Gasket (.003)     |
| 10       | 98-1962  | 1    | Shaft             |
| 11       | 68-7070  | 1    | Ring-Retaining    |
| 12       | 62-3400  | 3    | Seal              |
| 13       | 62-3490  | 3    | Pipe Plug (Solid) |
| 14       | 98-1960  | 1    | Shaft             |
| 15       | 98-1961  | 1    | Gear RH           |
| 16       | 62-3370  | 1    | Bearing Cone      |
| 17       | 62-3360  | 1    | Bearing Cup       |

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



T-1236

## Hydraulic Pump Assembly No. 98-1957

| Ref. No. | Part No. | Qty. | Description                                         | Ref. No. | Part No. | Qty. | Description                                                     |
|----------|----------|------|-----------------------------------------------------|----------|----------|------|-----------------------------------------------------------------|
| 1        | 80-6120  | 1    | Check Valve Kit<br>(Incl. Ref. #2-4)                | 23       |          | 1    | Seal - Lip                                                      |
| 2        |          | 2    | Seal - O-Ring                                       | 24       |          | 1    | Ring - Retaining                                                |
| 3        |          | 2    | Spring                                              | 25       |          | 1    | Swashplate Assembly                                             |
| 4        |          | 2    | Poppet                                              | 26       |          | 1    | Roller - Thrust                                                 |
| 5        |          | 1    | Journal - Bearing                                   | 27       |          | 5    | Piston                                                          |
| 6        |          | 1    | Gasket - End Cap                                    | 28       |          | 5    | Washer - Thrust                                                 |
| 7        |          | 1    | Cylinder Block Kit<br>(Incl. Ref. #8-10<br>& 27-29) | 29       |          | 5    | Spring - Piston                                                 |
| 8        |          | 1    | Spring                                              | 30       |          | 4    | Screw                                                           |
| 9        |          | 1    | Washer                                              | 31       |          | 1    | End Cap Assembly<br>(Incl. Ref. #5)                             |
| 10       |          | 1    | Ring - Retaining                                    | 32       |          | 1    | Ball                                                            |
| 11       |          | 1    | Plate - Thrust                                      | 33       |          | 1    | Spring                                                          |
| 12       |          | 1    | Arm - Trunnion                                      | 34       |          | 2    | Screw                                                           |
| 13       |          | 1    | Guide - Slot                                        | 35       |          | 1    | Housing - Charge<br>Pump                                        |
| 14       |          | 2    | Cradle - Bearing                                    | 36       |          | 1    | Gerotor Assembly                                                |
| 15       |          | 2    | Pin                                                 | 37       |          | 1    | Seal - O-Ring                                                   |
| 16       |          | 1    | Seal - Lip                                          | 38       |          | 1    | Seal - O-Ring                                                   |
| 17       |          | 1    | Journal - Bearing                                   | 39       |          | 1    | Ring - Back-Up                                                  |
| 18       |          | 1    | Housing - Assembly<br>(Incl. Ref. #16 & 17)         | 40       |          | 1    | Valve - Bypass                                                  |
| 19       |          | 1    | Shaft                                               | *        | 80-6110  | 1    | Charge Relief Valve Kit<br>(Incl. Ref. #32-33)                  |
| 20       |          | 2    | Ring - Retaining                                    | *        | 80-6130  | 1    | Overhaul Seal Kit<br>(Incl. Ref. #6, 10, 16,<br>20, 23 & 37-39) |
| 21       |          | 1    | Bearing - Ball                                      |          |          |      |                                                                 |
| 22       |          | 1    | Spacer                                              |          |          |      |                                                                 |

\*Not Illustrated

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| Part No. | Page No. | Ref. No. | Qty. | Description          |
|----------|----------|----------|------|----------------------|
| 2844     | 9        | 25       | 1    | Washer—Flat          |
| 8830     | 1        | 34       | 1    | Retainer—"J"         |
| 101884   | 3        | 2:1      | 2    | Nut—Hex              |
| 102950   | 3        | 3:2      | 1    | Washer               |
| 105805   | 3        | 3:1      | 1    | Nut                  |
| 106948   | 3        | 19       | 1    | Tray—Battery         |
| 106950   | 4        | 23       | 2    | Bushing              |
| 111216   | 3        | 2        | 1    | Switch—Ignition      |
| 113010   | 3        | 12       | 1    | Hold Down            |
| 113050   | 3        | 5        | 1    | Cover—Switch         |
| 113179   | 3        | 3:3      | 1    | Nut                  |
| 114511   | 10       | 29       | 1    | Spacer               |
| 115850   | 7        | 38       | 1    | Cable—Seat           |
| 115877   | 3        | 13       | 1    | Battery              |
| 116397   | 3        | 32       | 5    | Relay                |
| 9201604  | 3        | 2:2      | 1    | Washer—Lock          |
| 9202204  | 10       | 11       | 1    | Washer               |
| 9202574  | 8        | 5        | 3    | Washer—Flt           |
| 5-0698   | 10       | 13       | 1    | Key                  |
| 10-6850  | 4        | 14       | 2    | Drum Brake           |
| 10-6870  | 4        | 15       | 2    | Hub—Wheel            |
| 12-5450  | 9        | 3        | 2    | Screw—Thd Form       |
| 24-0760  | 2        | 10       | 1    | Exchanger—Heat       |
| 26-3790  | 4        | 16       | 2    | Nut—Lock             |
| 27-2320  | 8        | 16       | 2    | Bearing              |
| 27-6230  | 10       | 1        | 1    | Bolt—Wheel           |
| 28-3893  | 3        | 17       | 1    | ASM—Wire             |
| 28-8080  | 3        | 14       | 1    | Boot—Terminal        |
| 38-1420  | 7        | 42       | 1    | Switch—Seat          |
| 42-9430  | 9        | 8        | 1    | Bolt w/Washer        |
| 48-8010  | 9        | 10       | 1    | Washer—Flat 6.4mm Id |
| 48-8020  | 9        | 9        | 1    | Washer—Spring Lock   |
| 48-9570  | 9        | 27       | 2    | Washer—Lock M8       |
| 52-2480  | 7        | 41       | 2    | Spacer—Wheel         |
| 57-5420  | 5        | 24       | 1    | Screw—Shoulder       |
| 62-3340  | 24       | 3        | 3    | Bearing Cup          |
| 62-3360  | 24       | 17       | 1    | Bearing Cup          |
| 62-3370  | 24       | 16       | 1    | Bearing Cone         |
| 62-3400  | 24       | 12       | 3    | Seal                 |
| 62-3420  | 24       | 7        | A/R  | Gasket (.015)        |
| 62-3430  | 24       | 8        | A/R  | Gasket (.005)        |
| 62-3440  | 24       | 9        | A/R  | Gasket (.003)        |
| 62-3490  | 24       | 13       | 3    | Pipe Plug (Solid)    |
| 62-7650  | 2        | 19       | 1    | Gasket               |
| 62-7770  | 3        | 36       | 2    | Key—Ignition         |
| 63-8410  | 7        | 16       | 2    | Washer—Flat          |
| 66-0120  | 2        | 3        | 1    | Knob                 |
| 66-4210  | 10       | 26       | 1    | Pulley—Idler         |
| 67-7490  | 10       | 41       | 1    | Key                  |
| 67-8110  | 5        | 9        | 1    | Filter—Oil           |
| 68-7070  | 24       | 11       | 1    | Ring—Retaining       |
| 70-9840  | 4        | 17:5     | 4    | Brake Shoe           |
| 70-9860  | 4        | 17:2     | 2    | Cam Shaft            |
| 70-9870  | 4        | 17:1     | 2    | Plate—Backing        |
| 70-9880  | 4        | 17:4     | 4    | Spring—Return        |
| 71-1500  | 4        | 17       | 2    | Brake ASM            |
| 74-0720  | 7        | 21       | 1    | Tube—Manual          |
| 76-0800  | 6        | 45       | 2    | Seal Kit—Wheel Motor |
| 77-3100  | 1        | 30       | 1    | Decal—Warning        |
| 78-0020  | 3        | 4        | 1    | Hourmeter            |
| 78-3320  | 3        | 4:1      | 1    | Clamp—Hour Meter     |
| 80-6090  | 10       | 37       | 2    | Key—Square           |

\*Not Illustrated

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| Part No.   | Page No. | Ref. No. | Qty. | Description           |
|------------|----------|----------|------|-----------------------|
| 80-8170    | 10       | 36       | 2    | Pulley-Pump           |
| 80-9350    | 9        | 6        | 1    | Plate-Hot Surface     |
| 84-2000    | 4        | 20       | 2    | Bracket-Brake         |
| 85-6540    | 4        | 13       | 8    | Stud                  |
| 86-9080    | 5        | 11       | 1    | Head-Filter           |
| 88-6460    | 10       | 25       | 1    | Spring - Extension    |
| 92-1705    | 5        | 28       | 1    | Screen-Filter         |
| 92-6287    | 3        | 11       | 1    | ASM-Wire (Ground)     |
| 92-6780    | 9        | 14       | 4    | Nut-HHF               |
| 92-9811    | 3        | 3        | 1    | Switch-Toggle         |
| 93-0307    | 1        | 12       | 1    | Nut-Lock              |
| 93-0350    | 9        | 12       | 2    | Gasket-Exhaust        |
| 93-1622    | 10       | 15       | 2    | Pulley-Idler          |
| 93-3101    | 2        | 20       | 1    | Gas Cap               |
| 93-4365    | 5        | 27       | 1    | Oil Cap               |
| 93-5107    | 2        | 9        | 2    | Fitting-Adapter       |
| 93-7340    | 7        | 10       | 1    | Decal-Toro            |
| 93-9198    | 1        | 24       | 1    | Decal-Warning         |
| 94-4602    | 4        | 2        | 1    | Lever-Brake           |
| 94-4607    | 10       | 18       | 1    | Belt-Pump Drive       |
| 94-4608    | 10       | 19       | 1    | Belt-PTO              |
| 94-4618-03 | 1        | 1        | 1    | Support-Engine        |
| 94-4624    | 4        | 12       | 1    | Torsion Shaft         |
| 94-4628    | 10       | 14       | 1    | Engine-Pulley         |
| 94-4629    | 10       | 32       | 1    | Clutch-Pulley         |
| 94-4632    | 10       | 20       | 1    | Clutch ASM            |
| 94-4635-01 | 7        | 45       | 1    | Plate-Console Support |
| 94-4640    | 6        | 41       | 2    | Motor-Hyd Wheel       |
| 94-4641    | 10       | 34       | 1    | Gearbox-PTO Drive     |
| 94-4642-03 | 5        | 23       | 1    | Strap-Hydraulic Tank  |
| 94-4647-01 | 1        | 17       | 1    | Castor Fork           |
| 94-4658-03 | 10       | 6        | 1    | Pump-Mount            |
| 94-4665    | 1        | 11       | 1    | Dustcap               |
| 94-4672-03 | 7        | 13       | 1    | Latch-Utility Box     |
| 94-4678    | 5        | 4        | 2    | Arm-Pump Control      |
| 94-4680    | 3        | 1        | 1    | Harness-Main          |
| 94-4685    | 10       | 27       | 1    | Spacer-Idler          |
| 94-4688    | 10       | 12       | 1    | Spacer-Engine Shaft   |
| 94-4689    | 10       | 16       | 1    | Spacer-Engine Shaft   |
| 94-4696    | 3        | 31       | 1    | Angle-Mount           |
| 94-4698    | 7        | 1        | 1    | Console               |
| 94-4699    | 7        | 15       | 1    | Box-Utility           |
| 94-4700    | 5        | 29       | 1    | Tank-Hydraulic        |
| 94-4701-03 | 5        | 7        | 1    | Plate-Control         |
| 94-4702-03 | 5        | 5        | 1    | Plate-Control         |
| 94-4705    | 6        | 38       | 2    | Hose ASM              |
| 94-4709    | 5        | 21       | 1    | Hose ASM-Hyd          |
| 94-4710    | 5        | 14       | 1    | Hose ASM-Hyd          |
| 94-4711    | 5        | 13       | 2    | Hose ASM-Hyd          |
| 94-4712    | 5        | 8        | 1    | Hose ASM-Hyd          |
| 94-4713    | 5        | 19       | 1    | Hose ASM-Hyd          |
| 94-4714    | 5        | 2        | 2    | Hose ASM-Hyd          |
| 94-4717    | 8        | 9        | 1    | Rod-Control           |
| 94-4718    | 8        | 13       | 1    | Rod-Control           |
| 94-4721-03 | 7        | 20       | 1    | Hinge-Utility Box     |
| 94-4752    | 1        | 20       | 1    | Axle-Castor           |
| 94-4753    | 1        | 22       | 1    | Tube-Spacer           |
| 94-4755    | 1        | 32       | 2    | Pivot Pin ASM         |
| 94-4787-03 | 10       | 39       | 1    | Mount-Plate           |
| 94-4792    | 10       | 5        | 1    | Spacer-Idler Arm      |
| 94-4797-03 | 3        | 23       | 1    | Channel-Mount Switch  |
| 94-4798-01 | 7        | 30       | 1    | Plate-Tank Support    |

\*Not Illustrated

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| Part No.   | Page No. | Ref. No. | Qty. | Description             |
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| 94-4799-03 | 7        | 26       | 1    | Strap—Fuel Tank         |
| 94-6141-03 | 2        | 30       | 1    | Bracket—Cooler          |
| 94-6142    | 2        | 15       | 1    | Bracket—Cooler          |
| 94-6146    | 3        | 18       | 2    | Retainer—Battery        |
| 94-9350-03 | 7        | 5        | 1    | Panel—Instrument        |
| 94-9383    | 1        | 23:2     | 1    | ASM—Wheel               |
| 94-9384    | 1        | 23:1     | 1    | Tire                    |
| 94-9386    | 1        | 26:3     | 2    | Wheel                   |
| 94-9387    | 1        | 26:1     | 2    | Tire                    |
| 94-9391    | 4        | 30       | 1    | Brake Lever LH          |
| 94-9392    | 4        | 24       | 1    | Brake Lever RH          |
| 94-9398    | 4        | 25       | 2    | Rod—Link                |
| 94-9450    | 4        | 11       | 1    | Rod—Brake               |
| 94-9451    | 4        | 6        | 2    | Link—Brake              |
| 94-9452    | 4        | 10       | 1    | Brake Hub               |
| 94-9456    | 4        | 8        | 1    | Transfer Shaft          |
| 94-9460    | 3        | 25       | 1    | Plate—Switch Mount      |
| 94-9461    | 2        | 16       | 1    | Engine Kohler Ch20      |
| 94-9488-03 | 7        | 8        | 1    | Strap—Console           |
| 94-9489-01 | 1        | 6        | 1    | Housing—Spindle         |
| 94-9490    | 8        | 3        | 2    | Grip—Cushion            |
| 94-9491-01 | 7        | 34       | 1    | Plate—Cover             |
| 94-9494    | 9        | 13       | 1    | Manifold                |
| 94-9495    | 9        | 15       | 1    | Muffler                 |
| 94-9496    | 7        | 18       | 1    | Pin—Pivot               |
| 94-9499    | 2        | 24       | 1    | Tube—Oil Drain          |
| 94-9502    | 2        | 26       | 1    | Hose—Gas                |
| 94-9515    | 8        | 17       | 1    | Shaft—Control           |
| 94-9517-03 | 8        | 2        | 1    | Handle—Control LH       |
| 94-9524    | 8        | 1        | 1    | Spacer—Control          |
| 94-9525-03 | 5        | 15       | 1    | Angle—Mount             |
| 94-9529-01 | 7        | 40       | 1    | Plate—Seat              |
| 94-9551    | 8        | 7        | 1    | Handle—Control RH       |
| 94-9552    | 8        | 6        | 2    | Center Control ASM      |
| 94-9553    | 2        | 21       | 1    | Fuel Tank ASM           |
| 94-9556-03 | 2        | 5        | 1    | Cooler Shroud ASM       |
| 94-9561-03 | 9        | 11       | 1    | Bracket—Manifold Shield |
| 94-9563-03 | 2        | 7        | 1    | Bracket—Shroud          |
| 94-9567    | 7        | 9        | 1    | ASM—Seat                |
| 94-9573-01 | 4        | 26       | 2    | Mount—Lever             |
| 94-9580    | 3        | 6        | 2    | Clamp—J                 |
| 94-9591-03 | 8        | 32       | 1    | Mount—Channel           |
| 94-9593    | 8        | 34       | 2    | Spacer—Damper           |
| 94-9594-03 | 8        | 19       | 1    | Hub—Control             |
| 94-9596    | 8        | 33       | 2    | Damper—Control          |
| 94-9597-03 | 2        | 18       | 1    | Cover—Fuel Tank Opening |
| 94-9598    | 1        | 3        | 1    | Frame ASM               |
| 94-9599    | 10       | 4        | 1    | Spring—Extension        |
| 95-1950    | 10       | 3        | 1    | Arm ASM                 |
| 95-1955    | 2        | 2        | 1    | Control—Throttle        |
| 95-1956    | 1        | 31       | 1    | Decal—Z320              |
| 95-1962    | 7        | 2        | 6    | Tinnerman Clip          |
| 95-1967    | 10       | 28       | 1    | Spacer—Spring           |
| 95-1968    | 10       | 30       | 1    | Idler Arm ASM           |
| 98-0753    | 7        | 3        | 1    | Decal—Instrument        |
| 98-1301-03 | 10       | 23       | 1    | Stop—Clutch             |
| 98-1306    | 7        | 14       | 1    | Decal—No Riders         |
| 98-1313    | 7        | 46       | 1    | Decal—Operation         |
| 98-1319    | 2        | 22       | 1    | Foam—Tank               |
| 98-1324    | 3        | 30       | 3    | Switch—Interrupter      |
| 98-1326    | 9        | 24       | 1    | Baffle—Heat             |
| 98-1327    | 9        | 7        | 1    | Baffle—Heat             |

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| 98-1328    | 9        | 1        | 1    | Baffle-Heat               |
| 98-1329    | 9        | 17       | 1    | Baffle-Heat               |
| 98-1340    | 24       | 6        | 1    | Housing                   |
| 98-1341    | 24       | 1        | 12   | Screw                     |
| 98-1343    | 24       | 4        | 3    | Bearing-Cone              |
| 98-1346    | 24       | 2        | 3    | Cap                       |
| 98-1348    | 24       | 5        | 1    | Gear LH                   |
| 98-1349    | 9        | 28       | 1    | Baffle-Heat               |
| 98-1953-03 | 7        | 29       | 1    | Bumper ASM                |
| 98-1954-01 | 6        | 43       | 1    | Mount-Strap               |
| 98-1956    | 2        | 32       | 1    | Control-Push Pull         |
| 98-1957    | 5        | 37       | 2    | Pump-Hydraulic            |
| 98-1960    | 24       | 14       | 1    | Shaft                     |
| 98-1961    | 24       | 15       | 1    | Gear RH                   |
| 98-1962    | 24       | 10       | 1    | Shaft                     |
| 2112-11    | 9        | 16       | 1    | Clamp-Muffler             |
| 232-27     | 1        | 26:2     | 2    | Valve Stem & Cap Assembly |
| 237-22     | 5        | 20:1     | 2    | O-Ring                    |
| 237-22     | 5        | 32:1     | 2    | O-Ring                    |
| 237-22     | 5        | 36:1     | 1    | O-Ring                    |
| 237-30     | 5        | 1:1      | 2    | O-Ring                    |
| 237-30     | 5        | 10:1     | 1    | O-Ring                    |
| 237-30     | 5        | 12:1     | 2    | O-Ring                    |
| 237-30     | 5        | 31:1     | 3    | O-Ring                    |
| 237-30     | 5        | 33:1     | 4    | O-Ring                    |
| 237-42     | 5        | 20:2     | 1    | O-Ring                    |
| 237-42     | 5        | 36:2     | 1    | O-Ring                    |
| 237-78     | 5        | 32:2     | 2    | O-Ring                    |
| 237-79     | 5        | 10:2     | 1    | O-Ring                    |
| 237-79     | 5        | 12:2     | 2    | O-Ring                    |
| 237-79     | 5        | 33:2     | 4    | O-Ring                    |
| 237-80     | 5        | 1:2      | 2    | O-Ring                    |
| 237-80     | 5        | 31:2     | 3    | O-Ring                    |
| 240-11     | 7        | 25       | 1    | Grommet                   |
| 242-50     | 1        | 27       | 8    | Nut-Lug                   |
| 2411-52    | 8        | 11       | 2    | Rod-End RH                |
| 2411-53    | 8        | 20       | 2    | Rod-End LH                |
| 2412-39    | 2        | 12       | 4    | R-Clamp                   |
| 2412-93    | 3        | 28       | 1    | R-Clamp                   |
| 2412-98    | 2        | 29       | 2    | Clamp-Hose                |
| 2412-120   | 7        | 22       | 2    | Clamp-R                   |
| 254-61     | 1        | 7        | 2    | Cup-Bearing               |
| 254-62     | 1        | 8        | 1    | Cone-Bearing              |
| 254-70     | 1        | 5        | 1    | Bearing w/Cone & Seal     |
| 282-2      | 4        | 31       | 2    | Pin-Clevis                |
| 283-1      | 4        | 5        | 4    | Pin-Clevis                |
| 283-66     | 8        | 26       | 4    | Pin-Clevis                |
| 288-4      | 2        | 23       | 1    | Cap-Pipe                  |
| 302-5      | 8        | 37       | 3    | Fitting-Grease            |
| 321-3      | 5        | 17       | 2    | Screw-HH                  |
| 321-4      | 3        | 16       | 2    | Screw-HH                  |
| 321-4      | 9        | 21       | 1    | Screw-HH                  |
| 321-5      | 3        | 27       | 5    | Screw-HH                  |
| 321-5      | 4        | 18       | 8    | Screw-HH                  |
| 322-2      | 7        | 47       | 2    | Screw-HH                  |
| 322-3      | 2        | 13       | 4    | Screw-HH                  |
| 322-3      | 3        | 22       | 4    | Screw-HH                  |
| 322-3      | 4        | 4        | 4    | Screw-HH                  |
| 322-3      | 7        | 35       | 4    | Screw-HH                  |
| 322-4      | 5        | 18       | 2    | Screw-HH                  |
| 322-4      | 7        | 44       | 6    | Screw-HH                  |
| 322-5      | 5        | 6        | 4    | Screw-HH                  |

\*Not Illustrated

# Toro Part Number Index (cont.)

| Part No. | Page No. | Ref. No. | Qty. | Description  |
|----------|----------|----------|------|--------------|
| 322-5    | 8        | 12       | 4    | Screw—HH     |
| 322-7    | 6        | 44       | 1    | Screw—HH     |
| 322-10   | 7        | 28       | 2    | Screw—HH     |
| 323-4    | 3        | 20       | 1    | Screw—HH     |
| 323-4    | 8        | 23       | 4    | Screw—HH     |
| 323-4    | 10       | 8        | 8    | Screw—HH     |
| 323-5    | 9        | 22       | 3    | Screw—HH     |
| 323-6    | 1        | 25       | 6    | Screw—HH     |
| 323-6    | 8        | 30       | 3    | Screw—HH     |
| 323-6    | 10       | 24       | 2    | Screw—HH     |
| 323-7    | 7        | 39       | 2    | Screw—HH     |
| 323-8    | 7        | 17       | 1    | Screw—HH     |
| 323-9    | 2        | 25       | 4    | Screw—HH     |
| 323-9    | 7        | 24       | 1    | Screw—HH     |
| 323-10   | 10       | 17       | 2    | Screw—HH     |
| 323-11   | 10       | 2        | 2    | Screw        |
| 323-18   | 4        | 27       | 4    | Screw—HH     |
| 323-18   | 10       | 40       | 4    | Screw—HH     |
| 323-31   | 10       | 31       | 1    | Screw—Hhcs   |
| 324-4    | 9        | 19       | 1    | Screw—HH     |
| 324-5    | 5        | 35       | 4    | Screw—HH     |
| 325-2    | 1        | 14       | 2    | Screw        |
| 325-9    | 6        | 39       | 8    | Screw—HH     |
| 3212-10  | 10       | 21       | 1    | Screw        |
| 3217-9   | 1        | 18       | 1    | Nut—HH       |
| 3217-27  | 3        | 4:3      | 2    | Nut—HH       |
| 3218-5   | 1        | 19       | 1    | Nut—Jam      |
| 3220-2   | 8        | 10       | 2    | Nut—Jam      |
| 3220-3   | 2        | 4        | 1    | Nut—Hex Jam  |
| 3220-7   | 1        | 9        | 1    | Nut—Jam      |
| 3220-20  | 8        | 8        | 2    | Nut—Hex Jam  |
| 3230-1   | 5        | 22       | 1    | Bolt—CARR    |
| 3230-2   | 7        | 43       | 1    | Screw—CARR   |
| 3231-2   | 7        | 19       | 2    | Screw—CARR   |
| 3233-27  | 1        | 4        | 4    | Screw—CARR   |
| 3234-4   | 2        | 6        | 6    | Screw—HH     |
| 3234-4   | 9        | 4        | 4    | Screw—HH     |
| 3241-5   | 10       | 35       | 4    | Set Screw    |
| 3246-3   | 10       | 33       | 2    | Screw—HSH    |
| 3250-29  | 2        | 17       | 5    | Screw        |
| 3253-3   | 5        | 16       | 2    | Washer—Lock  |
| 3253-4   | 7        | 36       | 4    | Washer—Lock  |
| 3253-5   | 9        | 23       | 3    | Washer—Lock  |
| 3253-6   | 9        | 18       | 1    | Washer—Lock  |
| 3253-21  | 10       | 9        | 8    | Washer—Lock  |
| 3255-25  | 3        | 4:2      | 2    | Washer—Lock  |
| 3256-2   | 7        | 37       | 5    | Washer—Flat  |
| 3256-8   | 1        | 13       | 1    | Washer—Flat  |
| 3256-14  | 3        | 34       | 3    | Washer—Flat  |
| 3256-22  | 3        | 15       | 4    | Washer—Flat  |
| 3256-23  | 3        | 26       | 2    | Washer—Flat  |
| 3256-23  | 4        | 3        | 8    | Washer—Flat  |
| 3256-23  | 5        | 25       | 1    | Washer—Flat  |
| 3256-23  | 7        | 6        | 8    | Washer—Flat  |
| 3256-24  | 4        | 28       | 1    | Washer—Flat  |
| 3256-24  | 7        | 12       | 3    | Washer—Flat  |
| 3256-24  | 10       | 7        | 13   | Washer—Flat  |
| 3256-25  | 10       | 22       | 1    | Washer—Flat  |
| 3256-26  | 1        | 16       | 4    | Washer—Flat  |
| 3256-28  | 1        | 21       | 2    | Washer—Flat  |
| 3256-39  | 8        | 15       | 1    | Washer—Flat  |
| 3257-42  | 6        | 40       | 2    | Key—Woodruff |

\*Not Illustrated

# Toro Part Number Index (cont.)

| Part No.  | Page No. | Ref. No. | Qty. | Description       |
|-----------|----------|----------|------|-------------------|
| 3258-166  | 2        | 31       | 2    | Screw             |
| 3269-8    | 1        | 28       | 2    | Rivet             |
| 3269-8    | 9        | 5        | 2    | Rivet             |
| 3272-4    | 8        | 4        | 4    | Pin-Cotter        |
| 3272-10   | 4        | 7        | 8    | Pin-Cotter        |
| 3272-17   | 1        | 10       | 1    | Pin-Cotter        |
| 3274-83   | 5        | 3        | 2    | Screw-HSH         |
| 3290-343  | 1        | 33       | 2    | Pin-Cotter        |
| 3290-357  | 7        | 32       | 1    | Nut-Lock Flange   |
| 3290-378  | 2        | 28       | 1    | Tie-Cable         |
| 3290-378  | 3        | 29       | 5    | Tie-Cable         |
| 3290-378  | 6        | 42       | 2    | Tie-Cable         |
| 3290-379  | 3        | 7        | 1    | Tie-Cable         |
| 3296-2    | 3        | 33       | 3    | Nut Lock          |
| 3296-6    | 10       | 38       | 1    | Nut-Lock          |
| 3296-23   | 1        | 15       | 5    | Nut-Lock          |
| 3296-29   | 2        | 14       | 4    | Nut-Lock          |
| 3296-29   | 3        | 24       | 4    | Nut-Lock          |
| 3296-29   | 4        | 1        | 4    | Nut-Lock          |
| 3296-29   | 5        | 26       | 10   | Nut-Lock          |
| 3296-29   | 7        | 31       | 9    | Nut-Lock          |
| 3296-29   | 8        | 14       | 2    | Nut-Lock          |
| 3296-39   | 1        | 2        | 6    | Nut-Lock          |
| 3296-39   | 2        | 27       | 4    | Nut-Lock          |
| 3296-39   | 4        | 29       | 4    | Nut-Lock          |
| 3296-39   | 7        | 11       | 5    | Nut-Lock          |
| 3296-39   | 8        | 35       | 7    | Nut-Lock          |
| 3296-39   | 10       | 10       | 11   | Nut-Lock          |
| 3296-42   | 2        | 1        | 2    | Nut-Lock          |
| 3296-42   | 3        | 21       | 5    | Nut-Lock          |
| 3296-42   | 4        | 21       | 8    | Nut-Lock          |
| 3296-42   | 9        | 20       | 1    | Nut-Lock          |
| 3296-47   | 8        | 18       | 2    | Nut-Lock          |
| 32103-22  | 3        | 10       | 4    | Nut-Wing          |
| 32104-76  | 7        | 23       | 2    | Screw-Self TAP    |
| 32105-13  | 3        | 35       | 3    | Screw-HH          |
| 32120-72  | 4        | 22       | 2    | Ring-Retaining    |
| 32121-93  | 4        | 9        | 1    | Pin-Spiral        |
| 32121-103 | 8        | 22       | 2    | Pin-Spring        |
| 32128-42  | 5        | 34       | 4    | Nut-Hex Flange    |
| 32144-4   | 7        | 33       | 4    | Screw-TAP         |
| 32144-10  | 2        | 11       | 2    | Screw-HH          |
| 32144-11  | 7        | 7        | 4    | Screw-TAP         |
| 32144-14  | 7        | 27       | 2    | Screw-HWH         |
| 32144-74  | 3        | 9        | 2    | Screw             |
| 32144-124 | 7        | 4        | 6    | Screw-PPH         |
| 32148-6   | 2        | 8        | 6    | Insert            |
| 32148-6   | 9        | 2        | 4    | Insert            |
| 33114-020 | 9        | 26       | 2    | Screw-HH          |
| 340-4     | 5        | 33       | 4    | Fitting-Hydraulic |
| 340-77    | 5        | 36       | 1    | Fitting-Hydraulic |
| 340-89    | 5        | 1        | 2    | Fitting-Hydraulic |
| 340-94    | 5        | 20       | 1    | Tee               |
| 340-97    | 5        | 32       | 2    | Fitting-Hydraulic |
| 340-98    | 5        | 12       | 2    | Fitting-Hydraulic |
| 340-105   | 5        | 31       | 3    | Fitting-Elbow     |
| 340-157   | 5        | 10       | 1    | Fitting-Hydraulic |

\*Not Illustrated

## PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

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