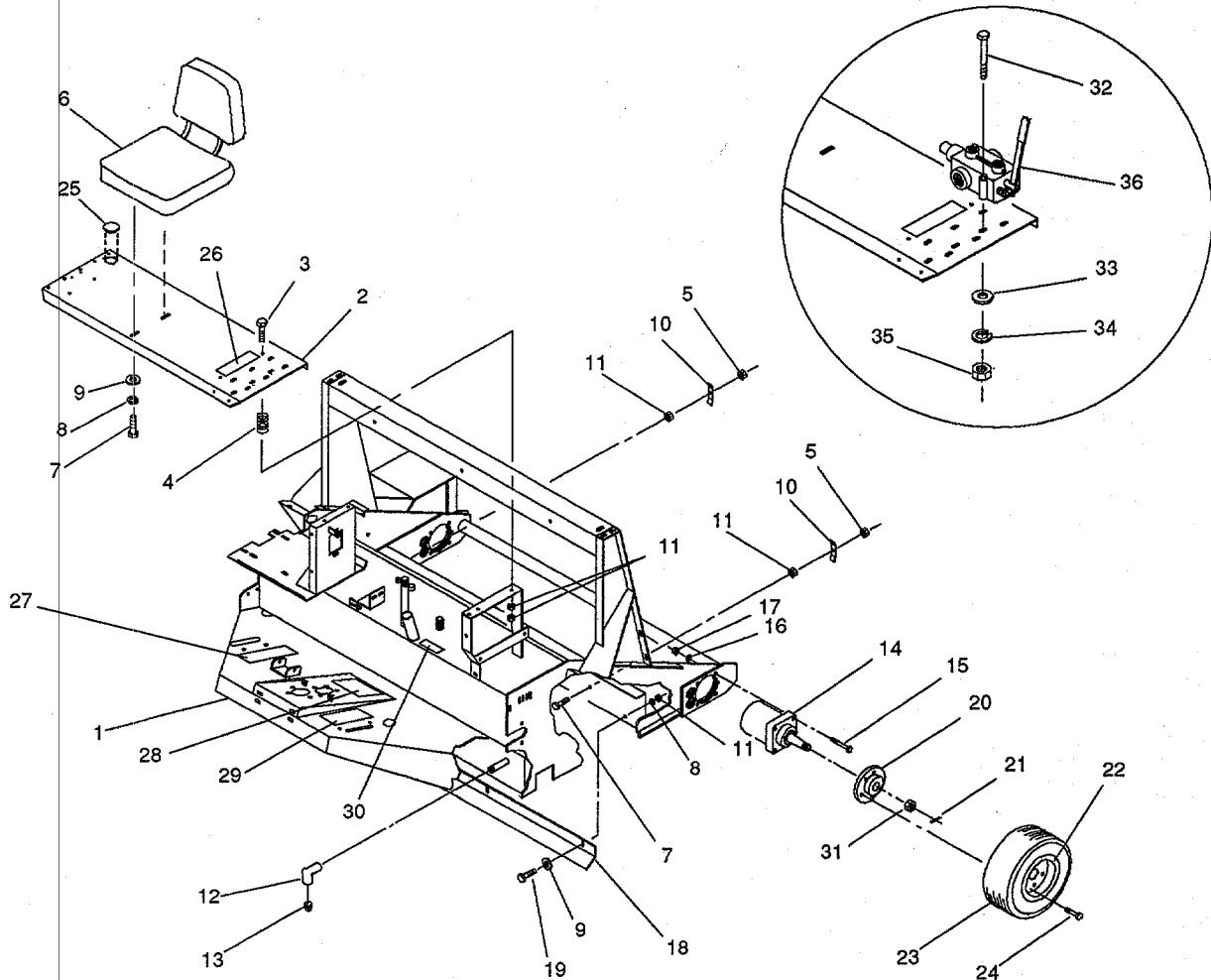




MODEL NO. 44056 - 50001 &amp; UP

# PARTS CATALOG

## TURF SWEEPER 4800HL (Japanese)



### MAIN FRAME ASSEMBLY

48J-001

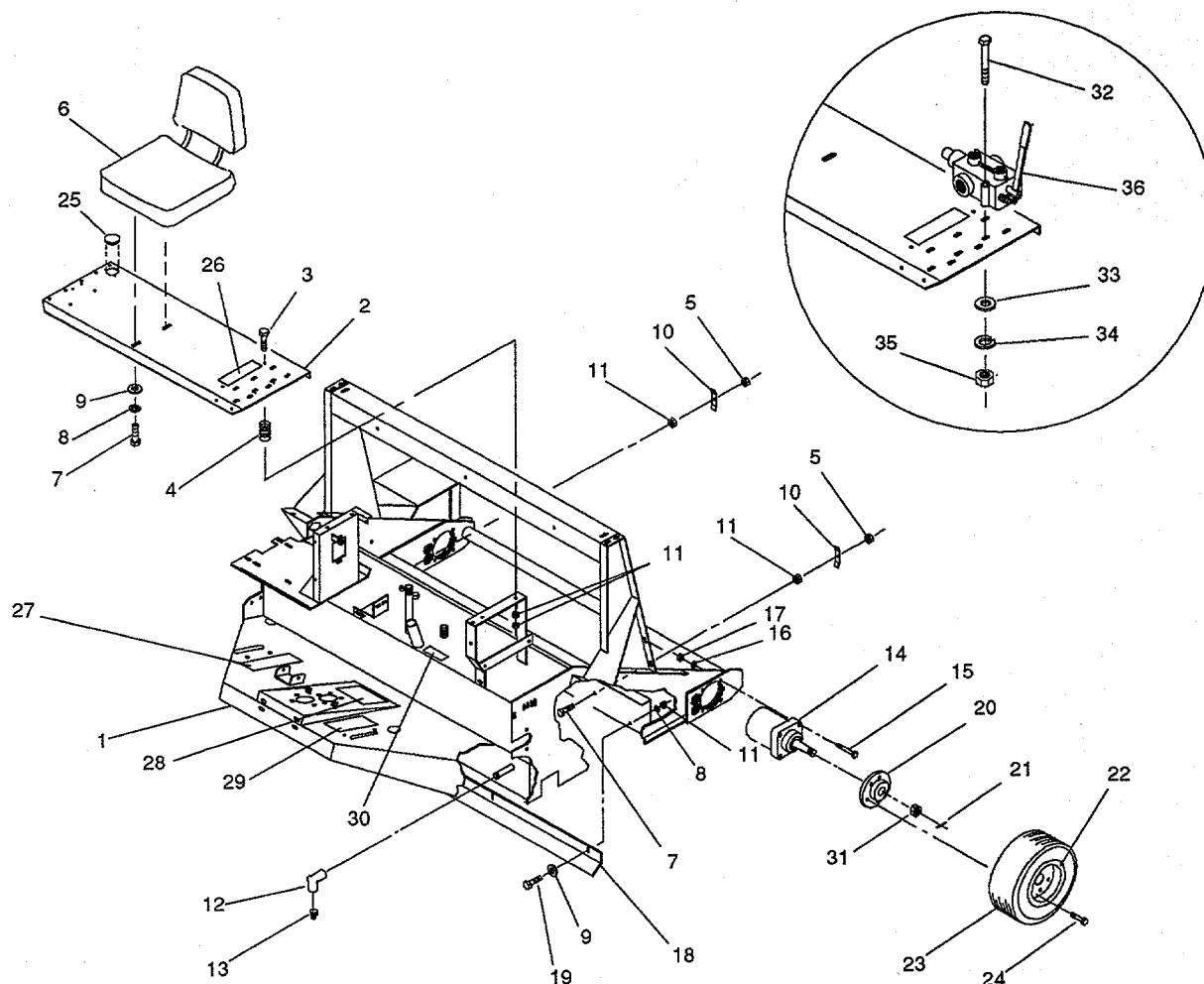
| Ref. No. | Part No.    | Description            | No. Used |
|----------|-------------|------------------------|----------|
| 1        | 48-005-0774 | Main Frame             | 1        |
| 2        | 48-005-0462 | Seat Mount             | 1        |
| 3        | 323-10      | Capscrew - Hex Hd.     | 4        |
| 4        | 01-261-0240 | Spring                 | 4        |
| 5        | 3296-22     | Lock Nut               | 2        |
| 6        | 01-286-0220 | Seat                   | 1        |
| 7        | 01-182-0616 | Capscrew - Hex Hd.     | 4        |
| 8        | 3253-5      | Lock Washer            | 5        |
| 9        | 3256-4      | Flat Washer            | 5        |
| 10       | 48-004-3431 | Hose Hold Down Bracket | 2        |
| 11       | 3217-7      | Hex Nut                | 13       |
| 12       | 01-455-0100 | Elbow                  | 1        |
| 13       | 01-451-0010 | Pipe Plug              | 1        |

| Ref. No. | Part No.    | Description                      | No. Used |
|----------|-------------|----------------------------------|----------|
| 14       | 01-304-0410 | Hydraulic Motor (Incl. Ref. #31) | 2        |
| *        | 01-304-0260 | Seal Kit                         | 1        |
| 15       | 325-12      | Capscrew - Hex Hd.               | 8        |
| 16       | 3253-7      | Lock Washer                      | 8        |
| 17       | 3217-9      | Hex Nut                          | 8        |
| 18       | 48-004-1751 | Air Deflector                    | 1        |
| 19       | 323-6       | Capscrew - Hex Hd.               | 3        |
| 20       | 01-269-2040 | Wheel Hub                        | 2        |
| 21       | 01-151-0170 | Cotter Pin                       | 2        |
| 22       | 01-269-1020 | Wheel                            | 2        |
| 23       | 01-269-0330 | Tire                             | 2        |
| 24       | 01-158-1610 | Lug Bolt                         | 10       |
| 25       | 01-288-0020 | Hour Meter (Onan)                | 1        |
| *        | 01-127-0070 | Plastic Plug (B & S)             | 1        |

\* Not Illustrated

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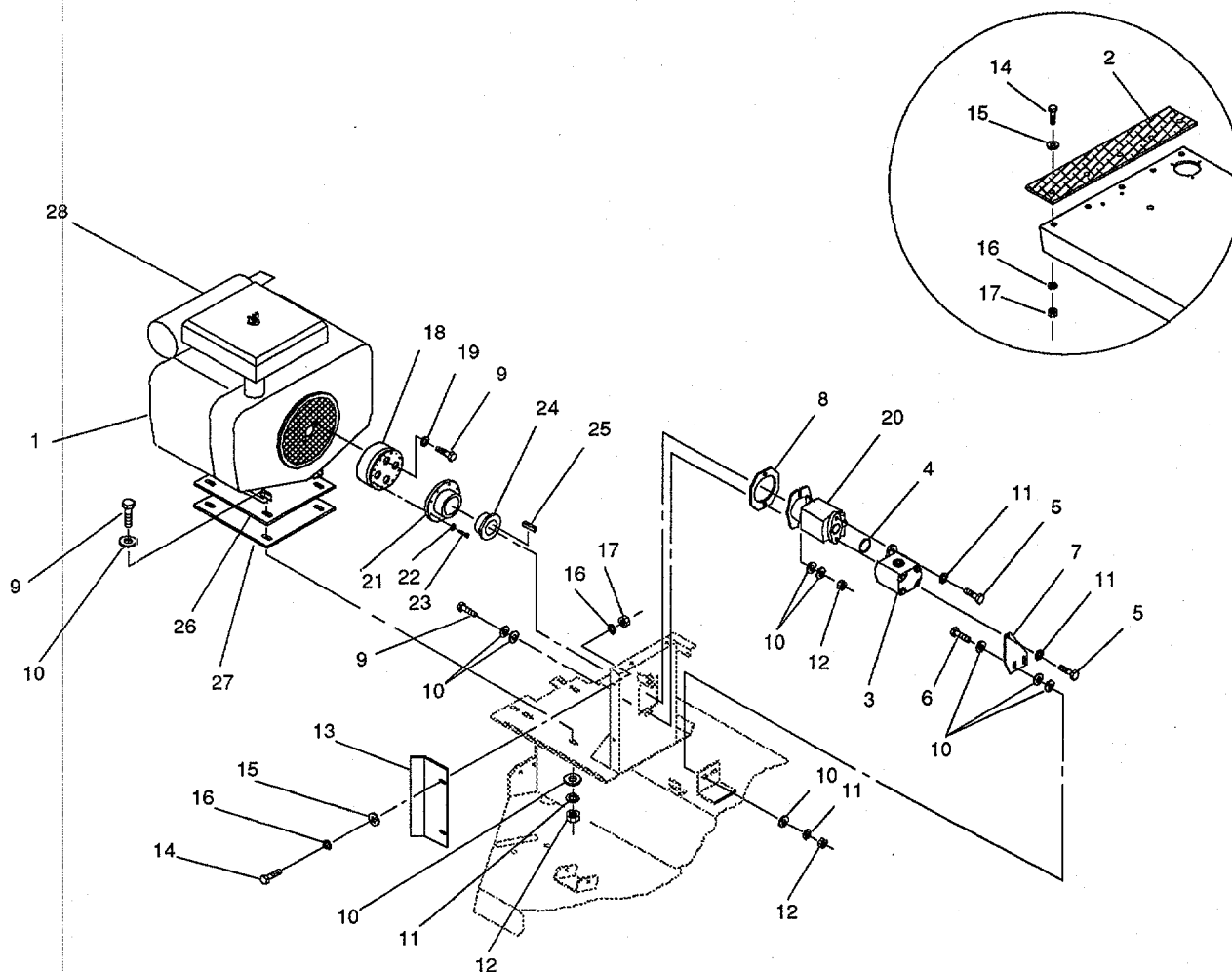
## MAIN FRAME ASSEMBLY (Continued)

48J-001

| Ref. No. | Part No.    | Description                         | No. Used |
|----------|-------------|-------------------------------------|----------|
| 26       | 01-506-0170 | Decal - Hopper Door/<br>Hopper Lift | 1        |
| 27       | 01-506-0570 | Decal - Traction Pedal              | 1        |
| 28       | 01-506-0090 | Decal - Danger                      | 1        |
| 29       | 01-506-0980 | Decal - Parking Brake               | 1        |
| 30       | 01-506-0560 | Decal - Hydraulic Oil               | 1        |
| 31       | 01-190-1620 | Castle Nut (Incl. w/Ref. #14)       | 2        |

| Ref. No. | Part No.    | Description        | No. Used |
|----------|-------------|--------------------|----------|
| 32       | 322-12      | Capscrew - Hex Hd. | 4        |
| 33       | 3256-3      | Flat Washer        | 4        |
| 34       | 3253-4      | Lock Washer        | 4        |
| 35       | 3217-6      | Hex Nut            | 4        |
| 36       | 01-308-0050 | Valve              | 2        |
| *        | 01-308-0130 | Seal Kit           | 1        |

\* Not Illustrated



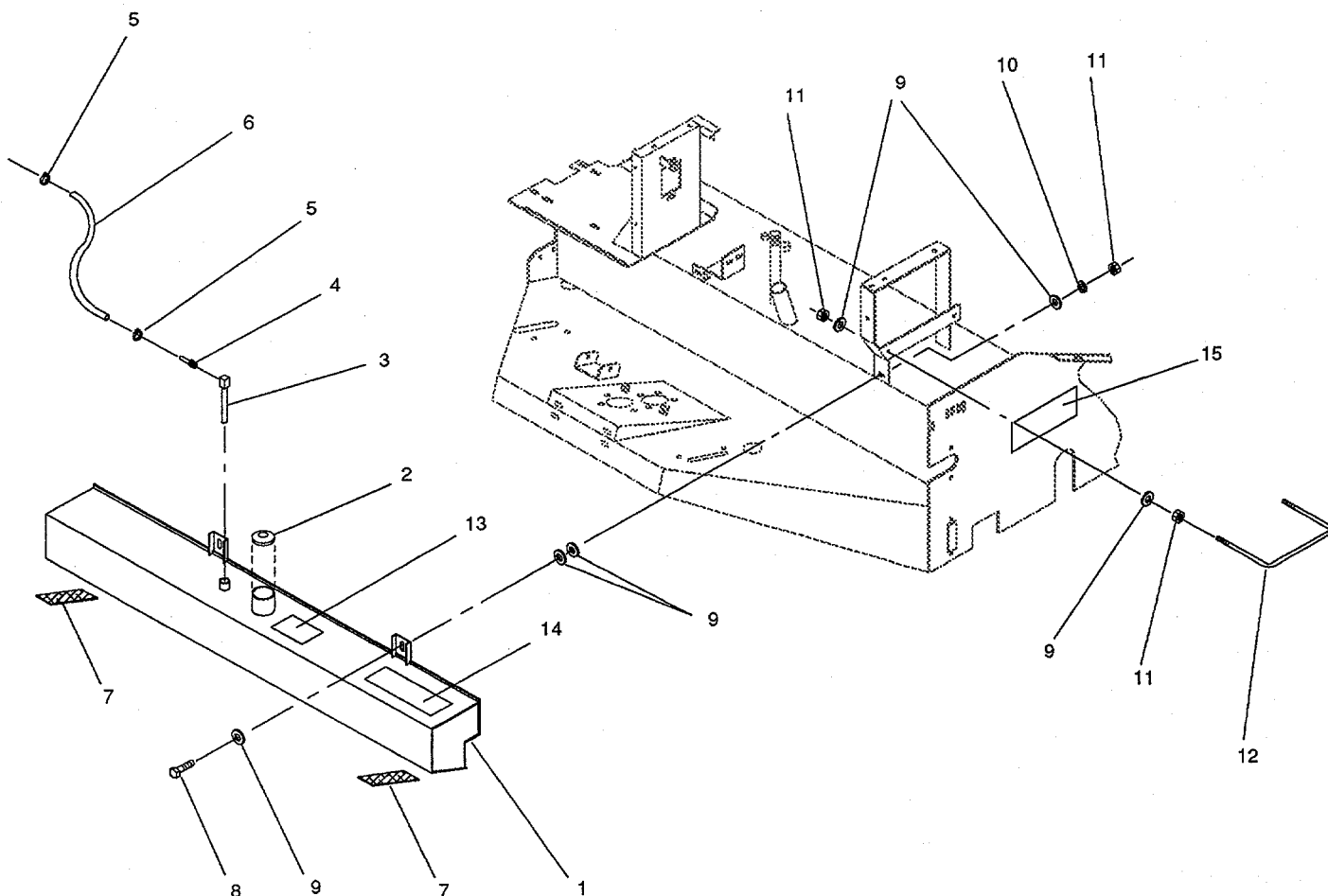
## ENGINE MOUNTING

48J-005

| Ref. No. | Part No.    | Description          | No. Used |
|----------|-------------|----------------------|----------|
| 1        | 01-270-4080 | Engine               | 1        |
| *        | 01-600-0050 | Battery Cable (neg.) | 1        |
| *        | 01-600-0190 | Battery Cable (pos.) | 1        |
| 2        | 48-004-6441 | Flywheel Guard       | 1        |
| 3        | 01-305-0020 | Sundstrand Pump      | 1        |
| *        | 01-305-0600 | Seal Kit             | 1        |
| 4        | 01-402-0230 | O-Ring               | 1        |
| 5        | 323-7       | Capscrew - Hex Hd.   | 2        |
| 6        | 323-6       | Capscrew - Hex Hd.   | 2        |
| 7        | 48-004-3131 | Pump Support         | 1        |
| 8        | 48-004-5521 | Cessna Pump Spacer   | 1        |
| 9        | 323-10      | Capscrew - Hex Hd.   | 10       |
| 10       | 3256-4      | Flat Washer          | 24       |
| 11       | 3253-5      | Lock Washer          | 10       |
| 12       | 3217-7      | Hex Nut              | 8        |
| 13       | 48-004-6391 | Flywheel Guard       | 1        |
| 14       | 321-6       | Capscrew - Hex Hd.   | 7        |

| Ref. No. | Part No.    | Description           | No. Used |
|----------|-------------|-----------------------|----------|
| 15       | 3256-2      | Flat Washer           | 7        |
| 16       | 3253-3      | Lock Washer           | 7        |
| 17       | 3217-5      | Hex Nut               | 7        |
| 18       | 48-004-6212 | Engine Adaptor        | 1        |
| 19       | 3253-5      | Lock Washer           | 4        |
| 20       | 01-305-0090 | Cessna Pump           | 1        |
| *        | 48-005-0641 | Tow Valve Handle      | 1        |
| *        | 01-163-0100 | Set Screw             | 1        |
| *        | 01-305-0080 | Seal Kit              | 1        |
| 21       | 01-265-0180 | Flex Coupling         | 1        |
| 22       | 01-169-0010 | Lock Washer           | 8        |
| 23       | 01-158-0150 | Capscrew - Socket Hd. | 8        |
| 24       | 01-260-0900 | "H" Bushing           | 1        |
| 25       | 48-004-5071 | Key                   | 1        |
| 26       | 48-004-5471 | Engine Spacer         | 1        |
| 27       | 48-004-5461 | Engine Spacer         | 1        |
| 28       | 48-005-5961 | Muffler               | 1        |

\* Not Illustrated

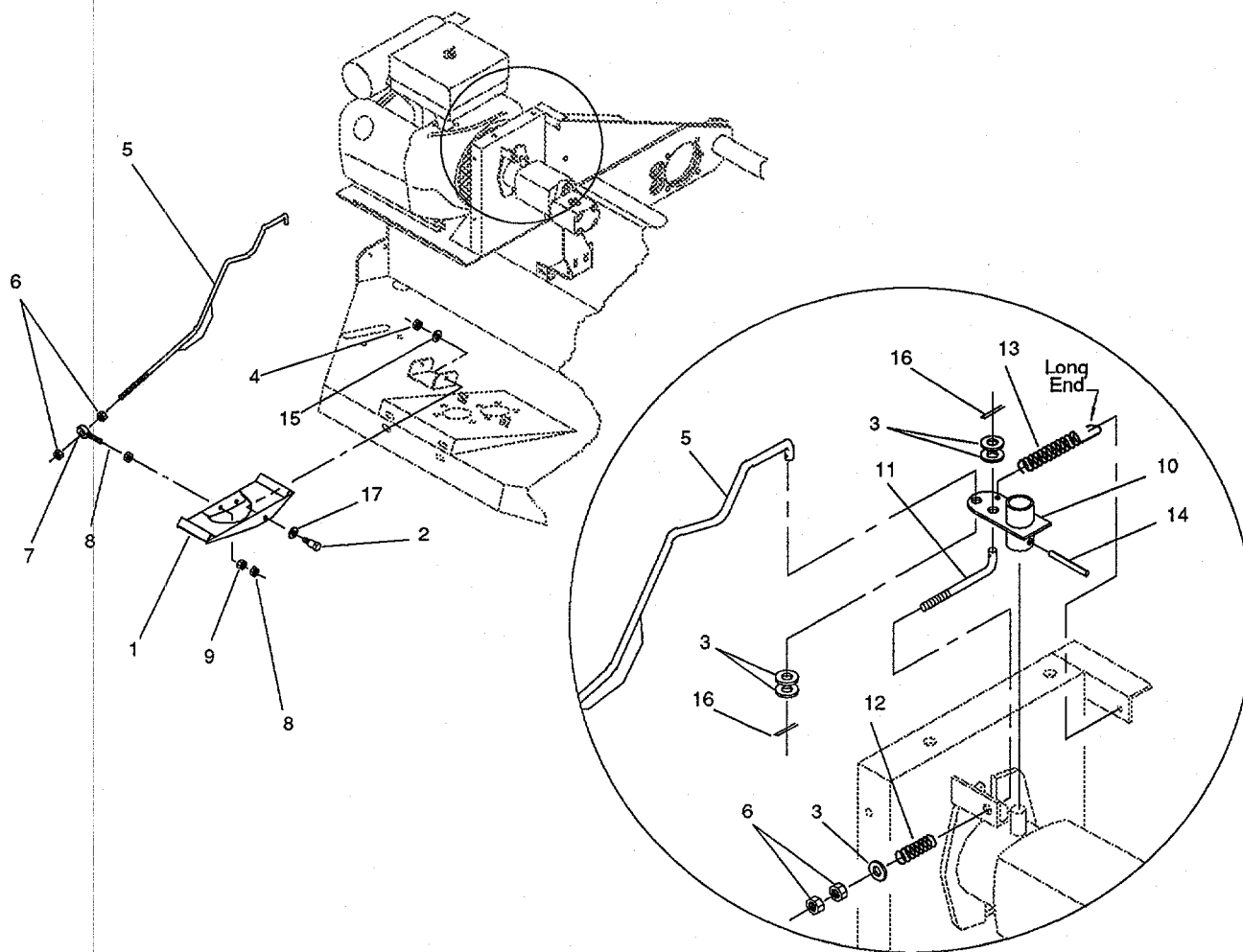


## GAS TANK & BATTERY HOLD DOWN

48J-007

| Ref. No. | Part No.    | Description               | No. Used |
|----------|-------------|---------------------------|----------|
| 1        | 48-005-0712 | Gas Tank                  | 1        |
| 2        | 01-280-0020 | Gas Cap - Type A - Vented | 1        |
| 3        | 01-280-0190 | Tank Withdrawal Assembly  | 1        |
| 4        | 01-217-0060 | Hose Barb                 | 1        |
| 5        | 01-202-0030 | Hose Clamp                | 2        |
| 6        | 48-004-6261 | Fuel Line                 | 1        |
| 7        | 48-004-5131 | PVK80 Rubber              | 2        |
| 8        | 323-7       | Capscrew - Hex Hd.        | 2        |

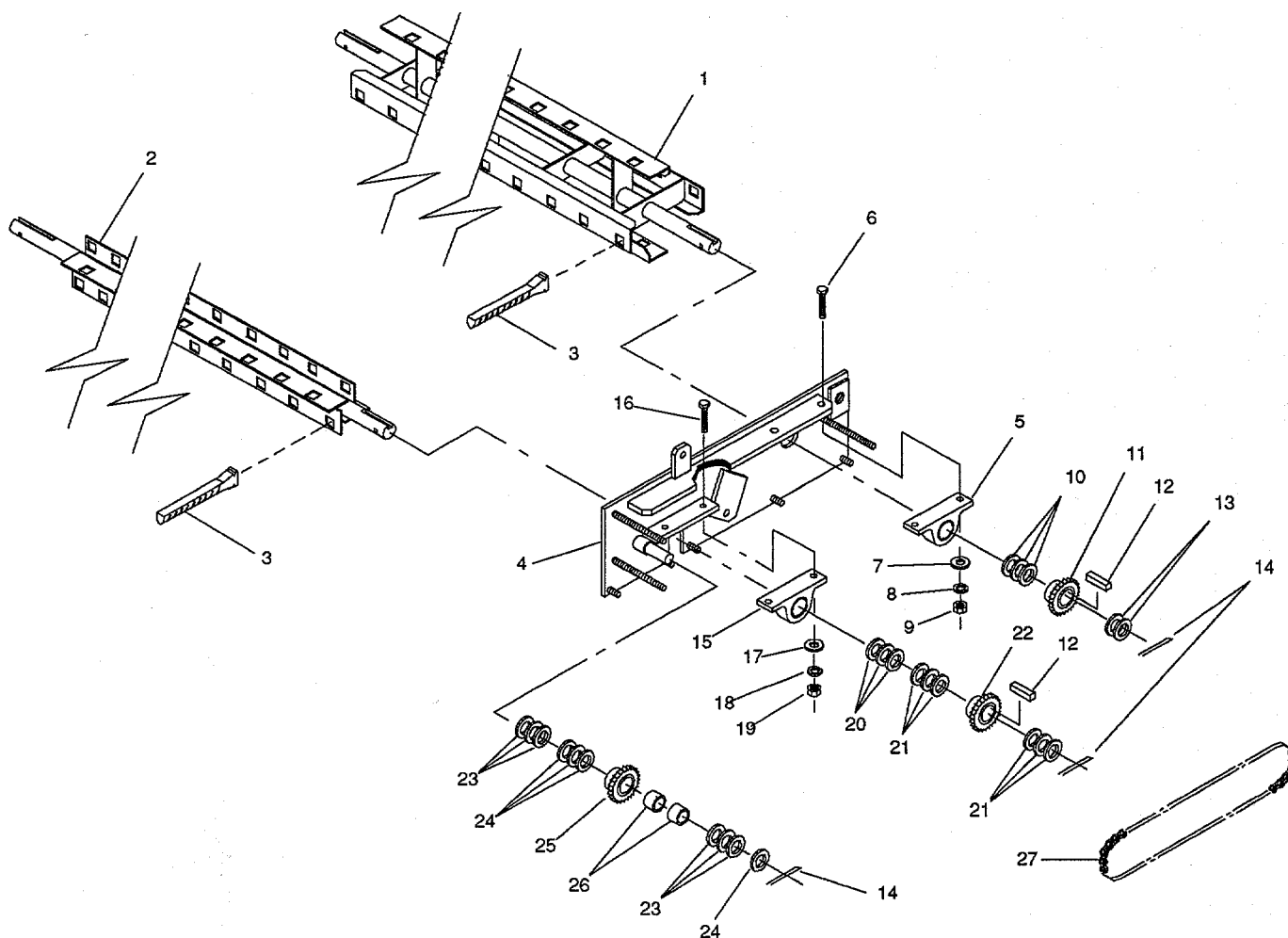
| Ref. No. | Part No.    | Description       | No. Used |
|----------|-------------|-------------------|----------|
| 9        | 3256-4      | Flat Washer       | 12       |
| 10       | 3253-5      | Lock Washer       | 2        |
| 11       | 3217-7      | Hex Nut           | 6        |
| 12       | 48-004-3831 | Battery Hold Down | 1        |
| 13       | 01-506-0460 | Decal - Gas Only  | 1        |
| 14       | 01-506-0540 | Decal - No Riders | 1        |
| 15       | 01-506-0080 | Decal - Danger    | 2        |



## FOOT PEDAL & PUMP CONTROL ROD ASSEMBLY 48J-003

| Ref. No. | Part No.    | Description     | No. Used |
|----------|-------------|-----------------|----------|
| 1        | 48-005-0621 | Foot Pedal      | 1        |
| 2        | 01-158-0270 | Shoulder Bolt   | 2        |
| 3        | 3256-4      | Flat Washer     | 9        |
| 4        | 01-189-0518 | Lock Nut        | 2        |
| 5        | 48-005-8231 | Control Rod     | 1        |
| 6        | 3217-7      | Hex Nut         | 4        |
| 7        | 01-250-0020 | Rod End Bearing | 1        |
| 8        | 3220-3      | Jam Nut         | 2        |
| 9        | 3219-3      | Hex Nut         | 1        |

| Ref. No. | Part No.    | Description               | No. Used |
|----------|-------------|---------------------------|----------|
| 10       | 48-005-0241 | Pump Control Arm Assembly | 1        |
| 11       | 48-004-2601 | Spring Rod                | 1        |
| 12       | 01-261-0330 | Spring                    | 1        |
| 13       | 01-261-0780 | Spring                    | 1        |
| 14       | 32121-12    | Roll Pin                  | 1        |
| 15       | 3256-2      | Flat Washer               | 2        |
| 16       | 3272-11     | Cotter Pin                | 2        |
| 17       | 3256-3      | Flat Washer               | 2        |



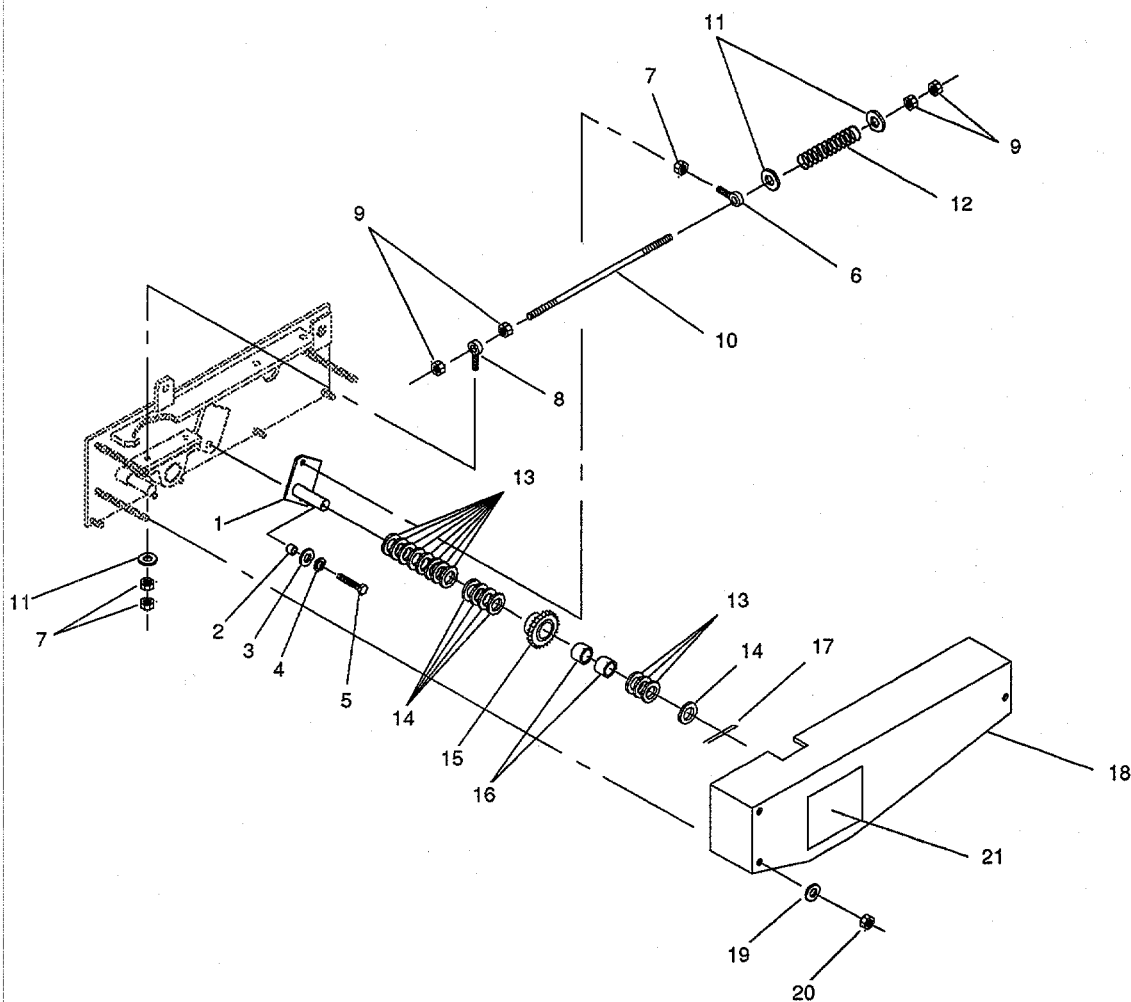
## SWEeper REEL & TIMING CHAIN ASSEMBLY

48J-008

| Ref. No. | Part No.    | Description               | No. Used |
|----------|-------------|---------------------------|----------|
| 1        | 48-005-0201 | Rear Reel Assembly        | 1        |
| 2        | 48-005-0131 | Front Reel Assembly       | 1        |
| 3        | 01-279-0010 | Rubber Fingers            | 116      |
| 4        | 48-005-0702 | Reel Plate Assembly, L.H. | 1        |
| 5        | 01-113-0020 | Bearing                   | 1        |
| 6        | 325-7       | Capscrew - Hex Hd.        | 2        |
| 7        | 3256-6      | Flat Washer               | 2        |
| 8        | 3253-7      | Lock Washer               | 2        |
| 9        | 3217-9      | Hex Nut                   | 2        |
| 10       | 01-168-2014 | Machinery Bushing         | 3(var)   |
| 11       | 01-262-0520 | Sprocket                  | 1        |
| 12       | 48-004-1931 | Key                       | 2        |
| 13       | 01-168-2010 | Machinery Bushing         | 2        |
| 14       | 3272-23     | Cotter Pin                | 3        |
| 15       | 01-113-0010 | Bearing                   | 1        |

| Ref. No. | Part No.    | Description                                     | No. Used |
|----------|-------------|-------------------------------------------------|----------|
| 16       | 323-8       | Capscrew - Hex Hd.                              | 1        |
| 17       | 3256-4      | Flat Washer                                     | 1        |
| 18       | 3253-5      | Lock Washer                                     | 1        |
| 19       | 3217-7      | Hex Nut                                         | 1        |
| 20       | 01-168-1610 | Machinery Bushing                               | 3(var)   |
| 21       | 01-168-1614 | Machinery Bushing                               | 6(var)   |
| 22       | 01-262-0530 | Sprocket                                        | 1        |
| 23       | 01-168-1410 | Machinery Bushing                               | 6(var)   |
| 24       | 01-168-1414 | Machinery Bushing                               | 4(var)   |
| 25       | 01-262-0610 | Sprocket                                        | 1        |
| 26       | 01-105-0520 | Needle Bearing                                  | 2        |
| *        | 48-002-5441 | Idler Sprocket Assembly<br>(Incl. Ref. #25, 26) | 1        |
| 27       | 54-004-0941 | Reel Chain, #50                                 | 1        |
| *        | 01-251-0020 | Offset Link                                     | 1        |

\* Not Illustrated



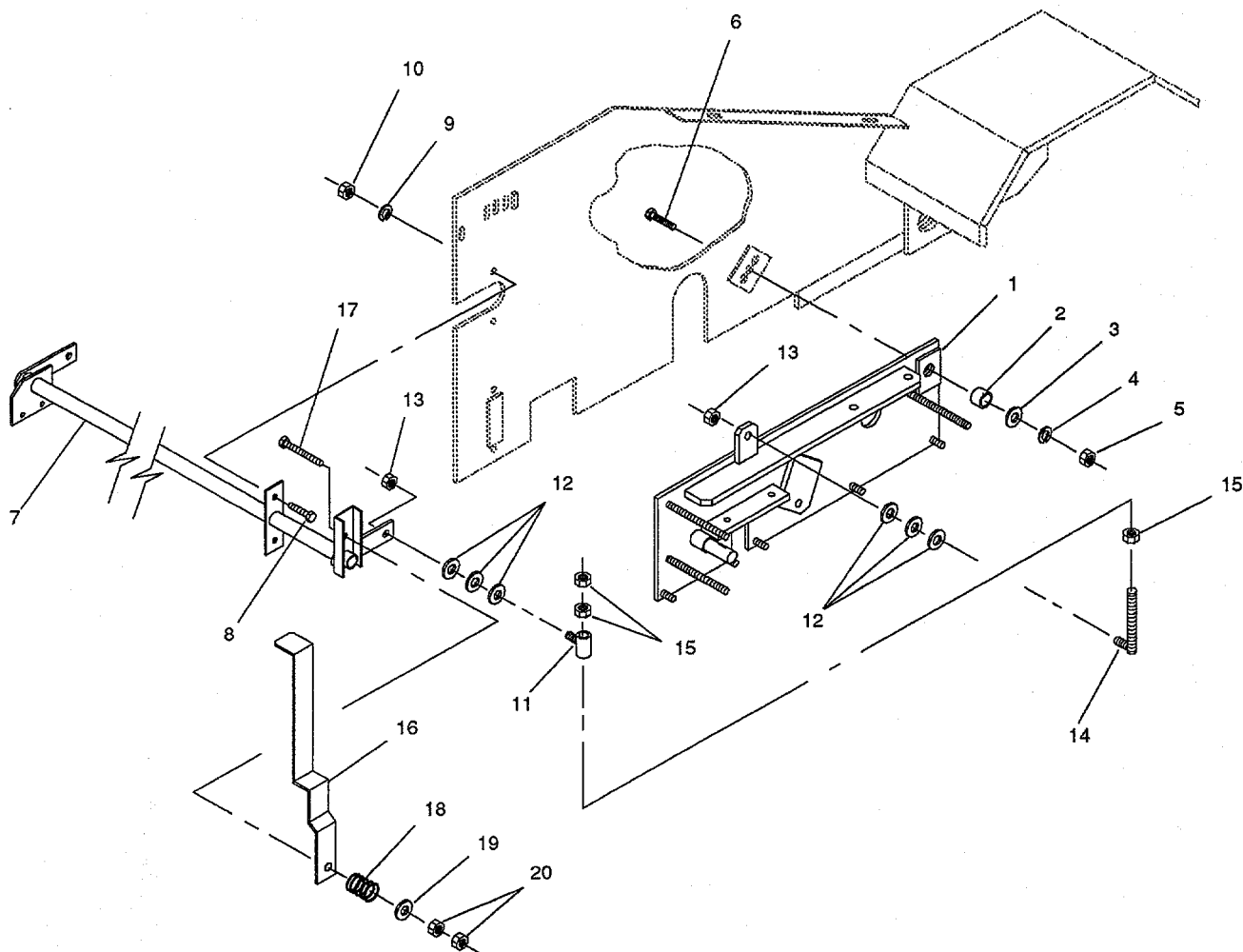
## CHAIN IDLER & GUARD ASSEMBLY

48J-009

| Ref. No. | Part No.    | Description             | No. Used |
|----------|-------------|-------------------------|----------|
| 1        | 48-005-0191 | Idler Shaft Assembly    | 1        |
| 2        | 48-004-3881 | Spacer                  | 1        |
| 3        | 3256-26     | "SAE" Flat Washer       | 1        |
| 4        | 3253-7      | Lock Washer             | 1        |
| 5        | 325-5       | Capscrew - Hex Hd.      | 1        |
| 6        | 02-250-0020 | Rod End Bearing (short) | 1        |
| 7        | 3220-3      | Jam Nut                 | 3        |
| 8        | 01-250-0020 | Rod End Bearing         | 1        |
| 9        | 3217-7      | Hex Nut                 | 5        |
| 10       | 48-004-3891 | Idler Spring Rod        | 1        |
| 11       | 3256-4      | Flat Washer             | 3        |
| 12       | 01-261-0300 | Spring                  | 1        |

| Ref. No. | Part No.    | Description                                      | No. Used |
|----------|-------------|--------------------------------------------------|----------|
| 13       | 01-168-1410 | Machinery Bushing                                | 11(var)  |
| 14       | 01-168-1414 | Machinery Bushing                                | 5(var)   |
| 15       | 01-262-0610 | Sprocket                                         | 1        |
| 16       | 01-105-0520 | Needle Bearing                                   | 2        |
| *        | 48-002-5441 | Idler Sprocket Assembly<br>(Incl. Ref. # 15, 16) | 1        |
| 17       | 3272-23     | Cotter Pin                                       | 1        |
| 18       | 48-005-0162 | Idler Cover                                      | 1        |
| 19       | 3256-5      | Flat Washer                                      | 3        |
| 20       | 3296-48     | Lock Nut                                         | 3        |
| 21       | 01-506-0050 | Decal - Danger                                   | 1        |

\* Not Illustrated

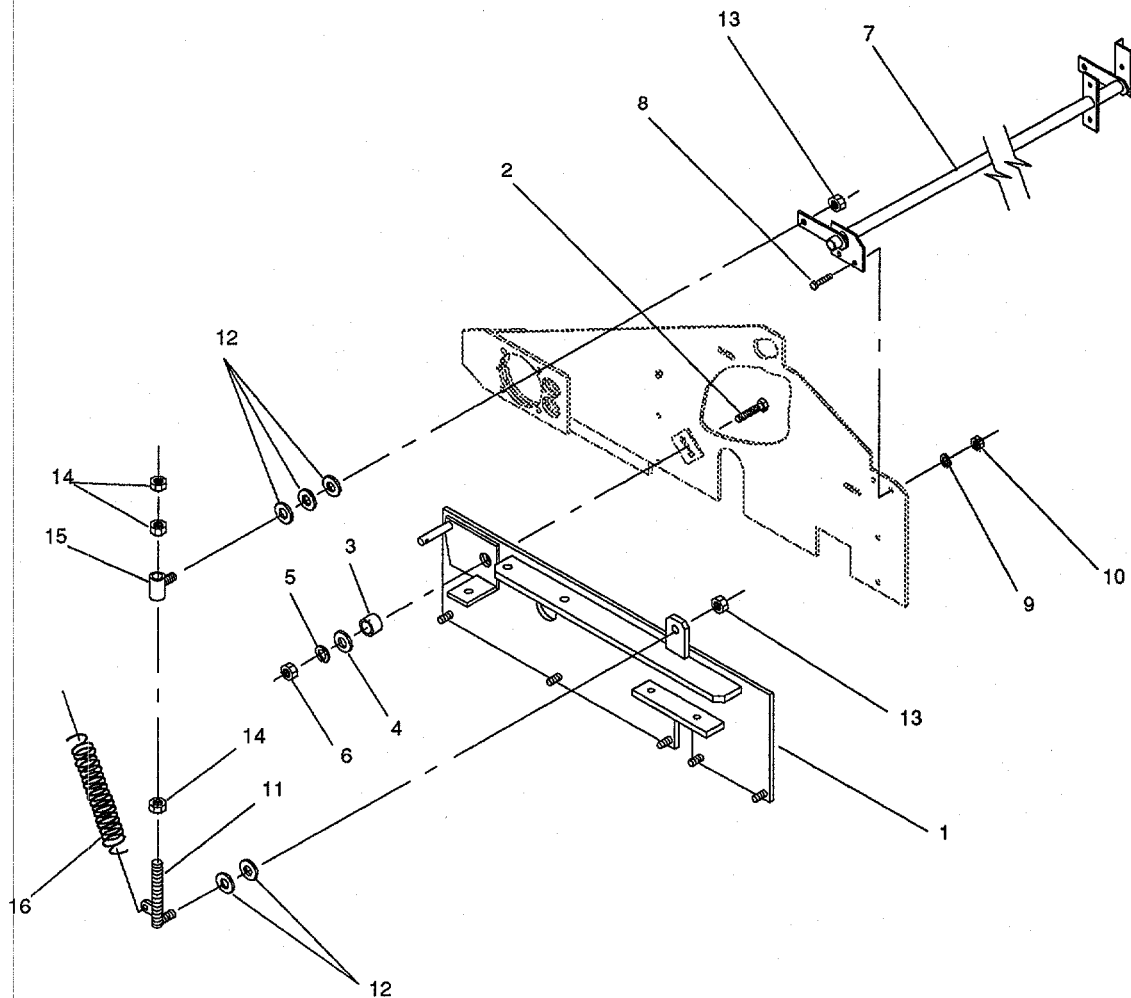


## REEL LIFT ASSEMBLY - L.H.

48J-010

| Ref. No. | Part No.    | Description              | No. Used |
|----------|-------------|--------------------------|----------|
| 1        | 48-005-0702 | Reel Plate Assembly-L.H. | 1        |
| 2        | 48-004-5841 | Reel Plate Spacer        | 1        |
| 3        | 3256-27     | "SAE" Flat Washer        | 1        |
| 4        | 3253-8      | Lock Washer              | 1        |
| 5        | 3218-6      | Jam Nut                  | 1        |
| 6        | 327-6       | Capscrew - Hex Hd.       | 1        |
| 7        | 48-005-0432 | Reel Lift Assembly       | 1        |
| 8        | 323-6       | Capscrew - Hex Hd.       | 2        |
| 9        | 3253-5      | Lock Washer              | 2        |
| 10       | 3217-7      | Hex Nut                  | 2        |

| Ref. No. | Part No.    | Description                 | No. Used |
|----------|-------------|-----------------------------|----------|
| 11       | 48-005-0591 | Reel Lift Tube Assembly     | 1        |
| 12       | 3256-6      | Flat Washer                 | 6        |
| 13       | 01-189-0813 | Lock Nut                    | 2        |
| 14       | 48-005-0231 | Reel Lift Rod Assembly-L.H. | 1        |
| 15       | 3217-11     | Hex Nut                     | 3        |
| 16       | 48-005-0222 | Handle                      | 1        |
| 17       | 323-11      | Capscrew - Hex Hd.          | 1        |
| 18       | 01-261-0240 | Spring                      | 1        |
| 19       | 3256-4      | Flat Washer                 | 1        |
| 20       | 3218-3      | Jam Nut                     | 2        |

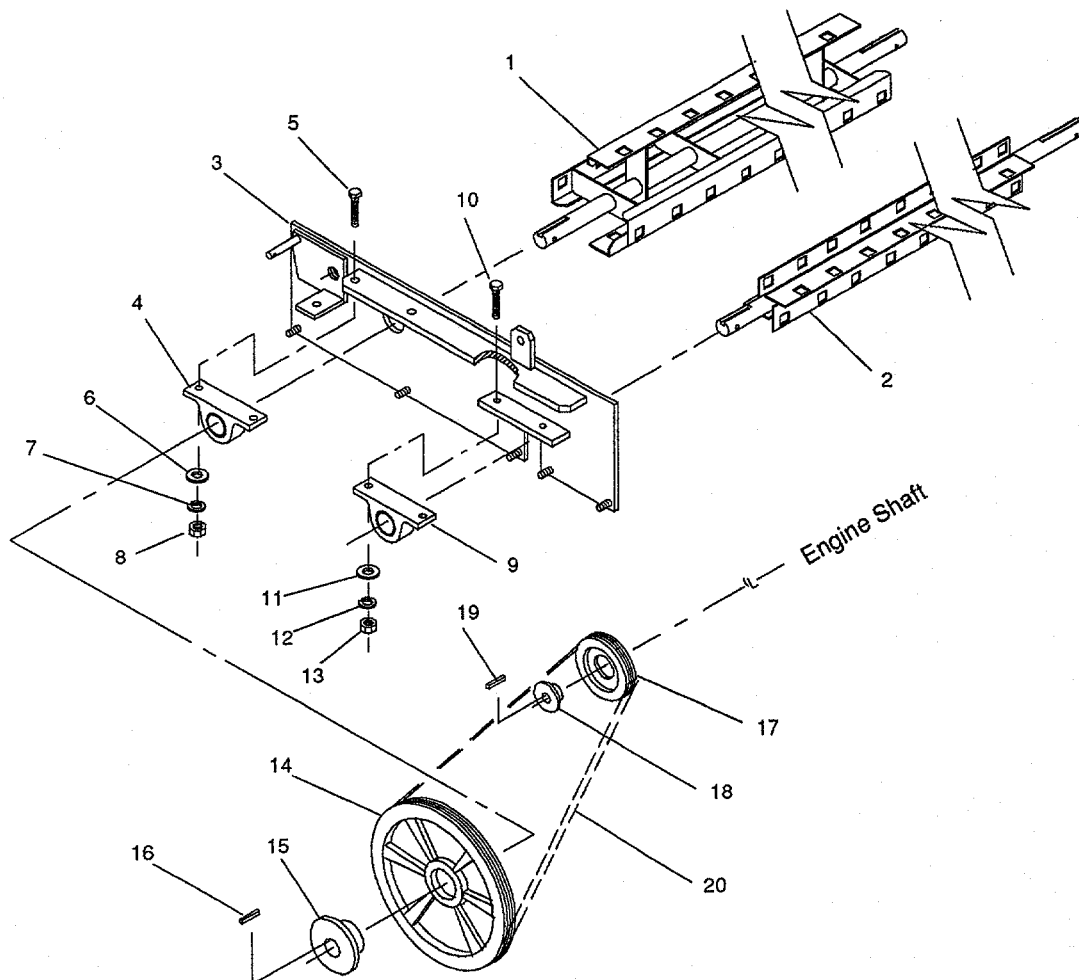


## REEL LIFT ASSEMBLY - R.H.

48J-011

| Ref. No. | Part No.    | Description              | No. Used |
|----------|-------------|--------------------------|----------|
| 1        | 48-005-0692 | Reel Plate Assembly-R.H. | 1        |
| 2        | 327-6       | Capscrew - Hex Hd.       | 1        |
| 3        | 48-004-5841 | Reel Plate Spacer        | 1        |
| 4        | 3256-27     | "SAE" Flat Washer        | 1        |
| 5        | 3253-8      | Lock Washer              | 1        |
| 6        | 3218-6      | Jam Nut                  | 1        |
| 7        | 48-005-0432 | Reel Lift Assembly       | 1        |
| 8        | 323-6       | Capscrew - Hex Hd.       | 2        |

| Ref. No. | Part No.    | Description                 | No. Used |
|----------|-------------|-----------------------------|----------|
| 9        | 3253-5      | Lock Washer                 | 2        |
| 10       | 3217-7      | Hex Nut                     | 2        |
| 11       | 48-005-5781 | Reel Lift Rod Assembly-R.H. | 1        |
| 12       | 3256-6      | Flat Washer                 | 5        |
| 13       | 01-189-0813 | Lock Nut                    | 2        |
| 14       | 3217-24     | Hex Nut                     | 3        |
| 15       | 48-005-0591 | Reel Lift Tube Assembly     | 3        |
| 16       | 01-261-0340 | Spring                      | 1        |

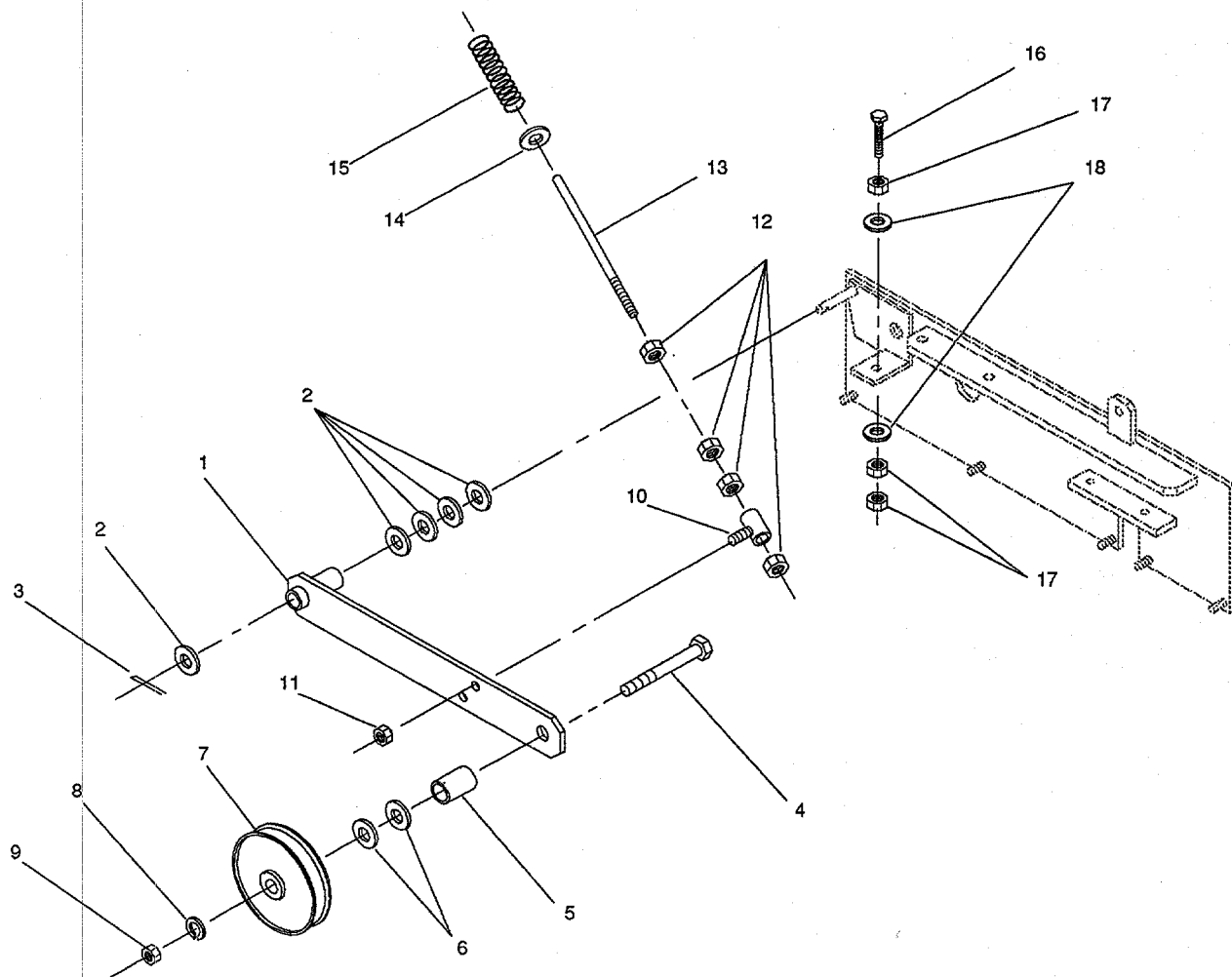


## BELT DRIVE ASSEMBLY

48J-012

| Ref. No. | Part No.    | Description              | No. Used |
|----------|-------------|--------------------------|----------|
| 1        | 48-005-0201 | Rear Reel Assembly       | 1        |
| 2        | 48-005-0131 | Front Reel Assembly      | 1        |
| 3        | 48-005-0692 | Reel Plate Assembly-R.H. | 1        |
| 4        | 01-113-0020 | Bearing                  | 1        |
| 5        | 325-7       | Capscrew - Hex Hd.       | 2        |
| 6        | 3256-6      | Flat Washer              | 2        |
| 7        | 3253-7      | Lock Washer              | 2        |
| 8        | 3217-9      | Hex Nut                  | 2        |
| 9        | 01-113-0010 | Bearing                  | 1        |
| 10       | 323-8       | Capscrew - Hex Hd.       | 2        |

| Ref. No. | Part No.    | Description | No. Used |
|----------|-------------|-------------|----------|
| 11       | 3256-4      | Flat Washer | 2        |
| 12       | 3253-5      | Lock Washer | 2        |
| 13       | 3217-7      | Hex Nut     | 2        |
| 14       | 01-260-0010 | Sheave      | 1        |
| 15       | 01-260-0290 | Bushing     | 1        |
| 16       | 66-004-3211 | Key         | 1        |
| 17       | 01-260-0110 | Sheave      | 1        |
| 18       | 01-260-0310 | Bushing     | 1        |
| 19       | 82-004-1171 | Key         | 1        |
| 20       | 01-264-0010 | Belt        | 1        |

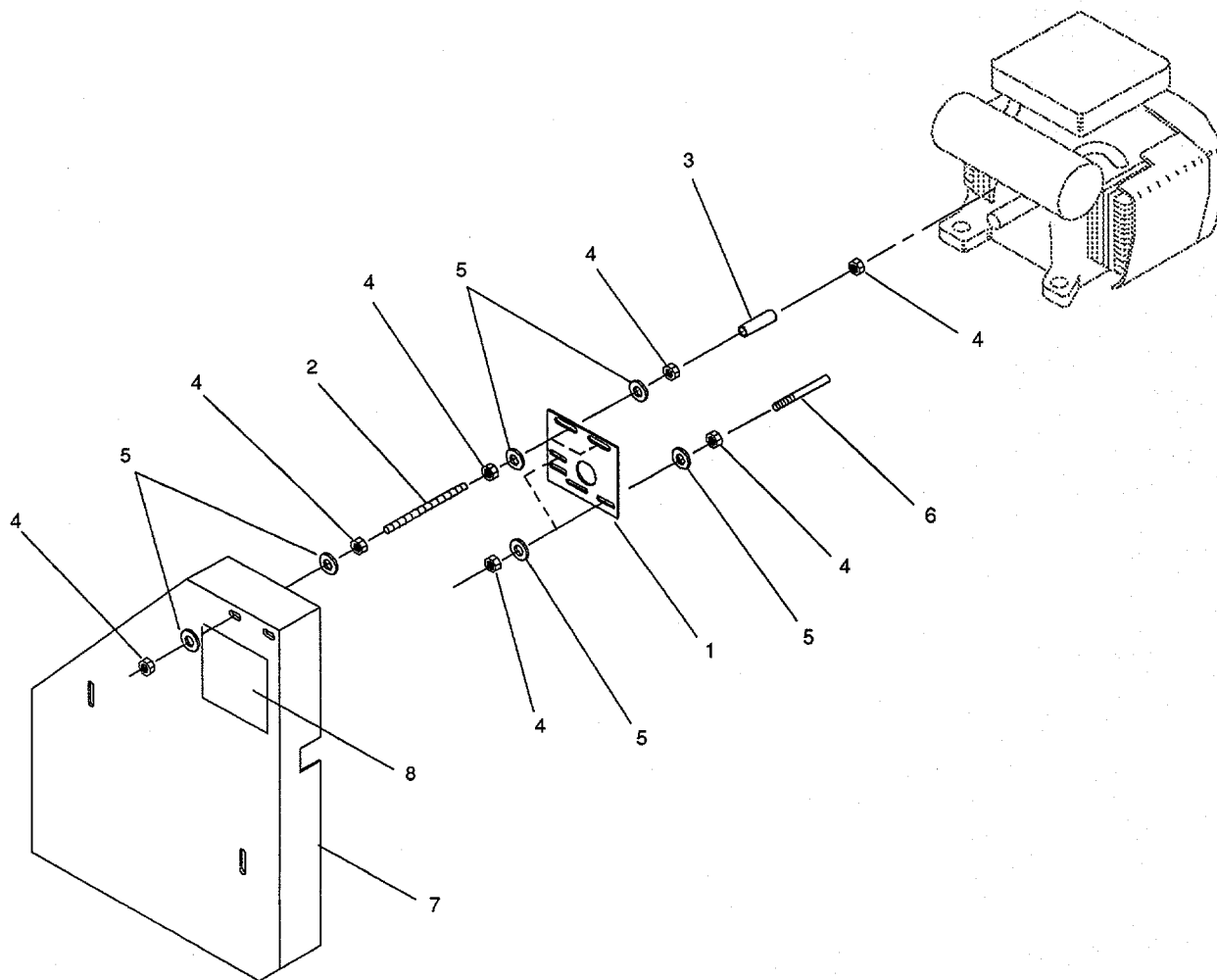


## BELT IDLER ASSEMBLY

48J-013

| Ref. No. | Part No.    | Description        | No. Used |
|----------|-------------|--------------------|----------|
| 1        | 48-005-0611 | Idler Arm          | 1        |
| 2        | 01-168-1014 | Machinery Bushing  | 5        |
| 3        | 3272-21     | Cotter Pin         | 1        |
| 4        | 327-14      | Capscrew - Hex Hd. | 1        |
| 5        | 48-004-3471 | Spacer             | 1        |
| 6        | 3256-7      | Flat Washer        | 3        |
| 7        | 01-268-0010 | Pulley             | 1        |
| 8        | 3253-8      | Lock Washer        | 1        |
| 9        | 3217-11     | Hex Nut            | 1        |

| Ref. No. | Part No.    | Description               | No. Used |
|----------|-------------|---------------------------|----------|
| 10       | 48-005-0121 | Spring Tension Adjustment | 1        |
| 11       | 3296-22     | Lock Nut                  | 1        |
| 12       | 3217-7      | Hex Nut                   | 4        |
| 13       | 48-004-1711 | Idler Spring Rod          | 1        |
| 14       | 3256-4      | Flat Washer               | 3        |
| 15       | 01-261-0300 | Spring                    | 1        |
| 16       | 01-182-0832 | Capscrew - Hex Hd.        | 1        |
| 17       | 3217-9      | Hex Nut                   | 3        |
| 18       | 3256-6      | Flat Washer               | 2        |

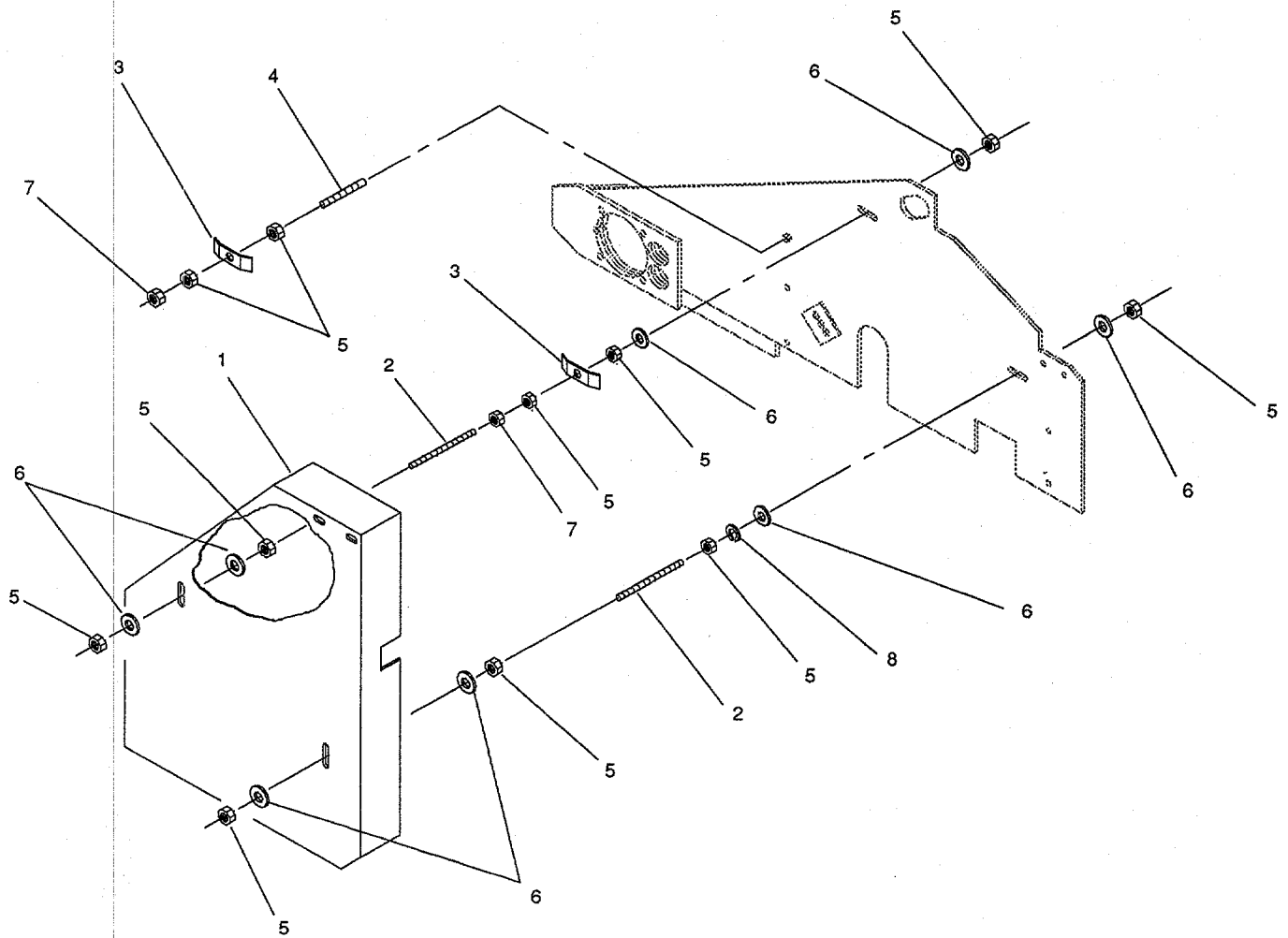


## BELT SLIP BRACKET

48J-014

| Ref. No. | Part No.    | Description       | No. Used |
|----------|-------------|-------------------|----------|
| 1        | 48-004-5501 | Belt Slip Bracket | 1        |
| 2        | 01-650-0160 | All Thread        | 2        |
| 3        | 48-004-2101 | Spacer            | 2        |
| 4        | 3217-7      | Hex Nut           | 14       |

| Ref. No. | Part No.    | Description    | No. Used |
|----------|-------------|----------------|----------|
| 5        | 3256-4      | Flat Washer    | 22       |
| 6        | 48-004-1211 | Belt Slip Pin  | 2        |
| 7        | 48-005-0322 | Belt Guard     | 1        |
| 8        | 01-506-0040 | Decal - Danger | 1        |



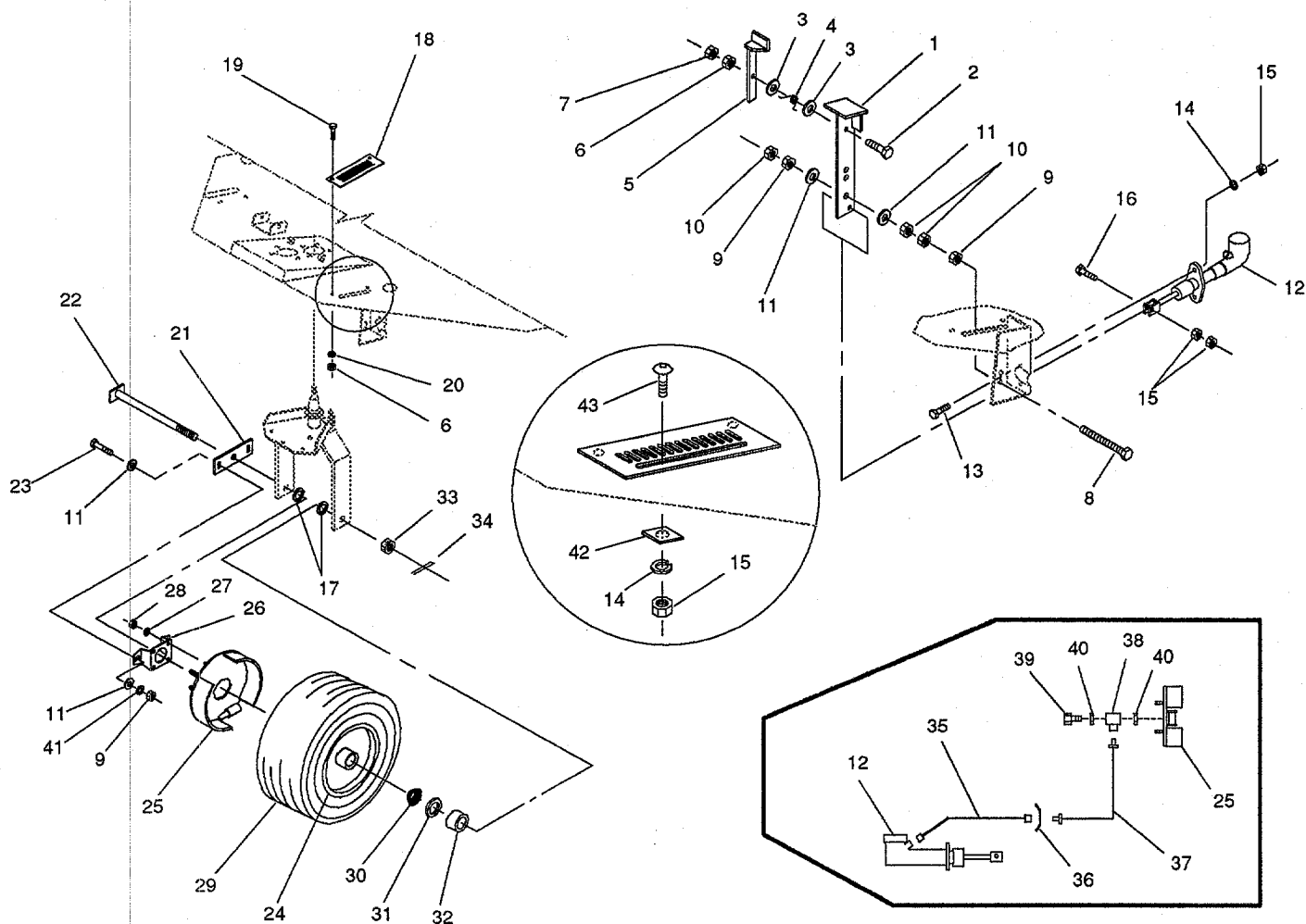
## BELT GUARD & HOSE BRACKETS

48J-015

| Ref. No. | Part No.    | Description            | No. Used |
|----------|-------------|------------------------|----------|
| 1        | 48-005-0322 | Belt Guard             | 1        |
| 2        | 01-650-0420 | All Thread             | 2        |
| 3        | 48-004-1861 | Hose Hold Down Bracket | 2        |
| 4        | 01-650-0280 | All Thread             | 1        |

| Ref. No. | Part No. | Description | No. Used |
|----------|----------|-------------|----------|
| 5        | 3217-8   | Hex Nut     | 11       |
| 6        | 3256-5   | Flat Washer | 8        |
| 7        | 3218-4   | Jam Nut     | 2        |
| 8        | 3253-6   | Lock Washer | 1        |





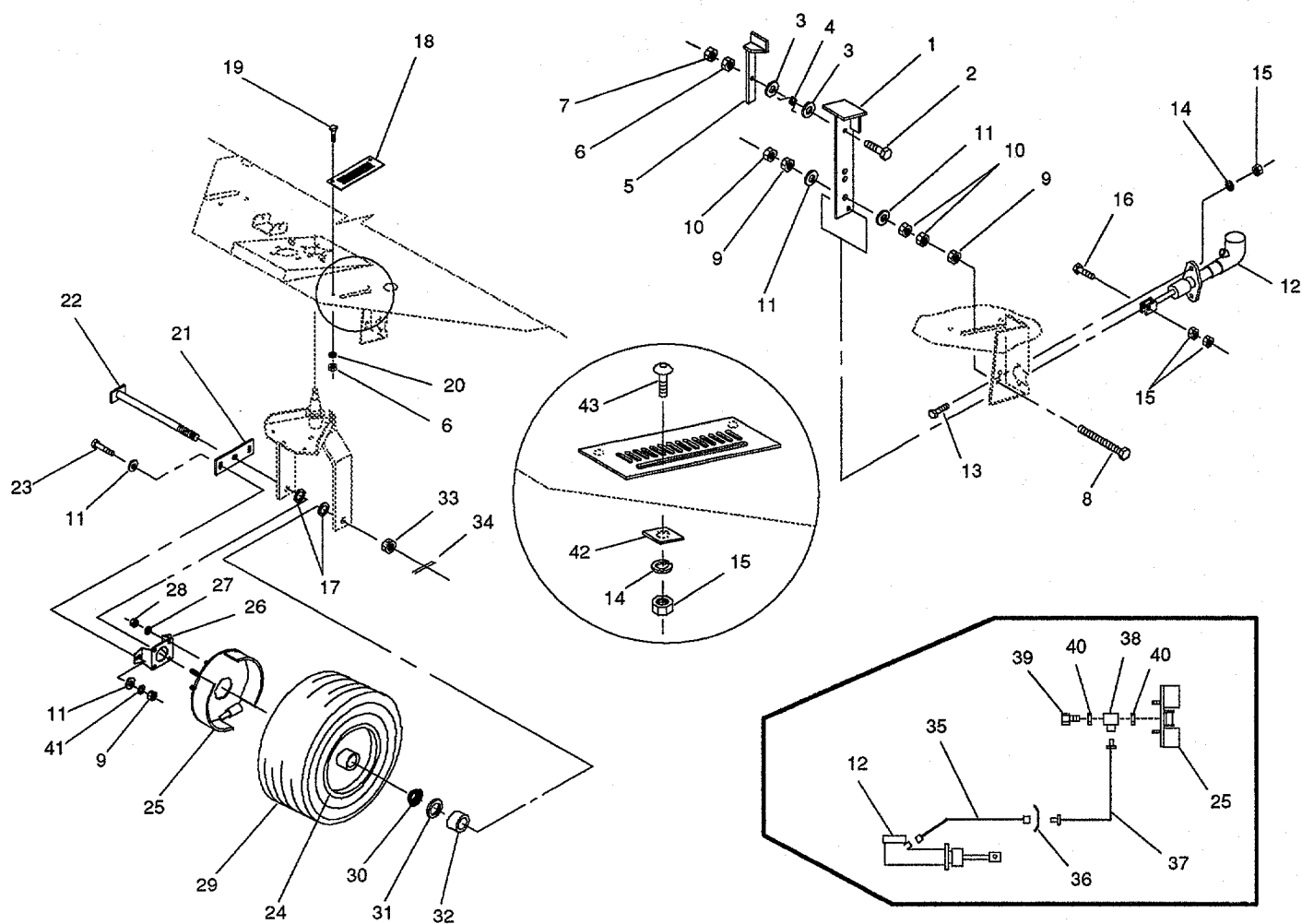
## BRAKE SYSTEM

48J-017

| Ref. No. | Part No.    | Description              | No. Used |
|----------|-------------|--------------------------|----------|
| 1        | 48-005-0671 | Brake Pedal              | 1        |
| 2        | 323-9       | Capscrew - Hex Hd.       | 1        |
| 3        | 3256-4      | Flat Washer              | 2        |
| 4        | 01-261-0050 | Spring                   | 1        |
| 5        | 48-005-0781 | Brake Stop Weldment      | 1        |
| 6        | 3217-7      | Hex Nut                  | 3        |
| 7        | 3218-3      | Jam Nut                  | 1        |
| 8        | 01-182-0824 | Capscrew - Hex Hd.       | 1        |
| 9        | 3217-9      | Hex Nut                  | 4        |
| 10       | 3218-5      | Jam Nut                  | 3        |
| 11       | 3256-6      | Flat Washer              | 6        |
| 12       | 01-314-0290 | Hydraulic Brake Cylinder | 1        |
| 13       | 322-6       | Capscrew - Hex Hd.       | 2        |
| 14       | 3253-4      | Lock Washer              | 3        |
| 15       | 3217-6      | Hex Nut                  | 5        |
| 16       | 322-5       | Capscrew - Hex Hd.       | 1        |
| 17       | 01-168-1210 | Machinery Bushing        | 2        |
| 18       | 48-004-6241 | Brake Stop Plate         | 1        |
| 19       | 323-6       | Capscrew - Hex Hd.       | 2        |
| 20       | 3253-5      | Lock Washer              | 2        |
| 21       | 54-005-0261 | Brake Mount              | 1        |
| 22       | 54-005-0251 | Axle                     | 1        |

| Ref. No. | Part No.    | Description               | No. Used |
|----------|-------------|---------------------------|----------|
| 23       | 325-6       | Capscrew - Hex Hd.        | 2        |
| 24       | 54-005-0282 | Front Wheel               | 1        |
| 25       | 01-314-0300 | Hydraulic Brake Assembly  | 1        |
| *        | 01-266-0080 | Wheel Cylinder Assembly   | 1        |
| *        | 01-314-0500 | Wheel Cylinder Repair Kit | 1        |
| *        | 01-314-0540 | Capscrew - Socket Hd.     | 2        |
| *        | 01-314-0430 | Brake Shoe                | 2        |
| *        | 01-314-0470 | Brake Shoe Lever          | 2        |
| *        | 01-314-0480 | Brake Shoe Spring         | 2        |
| *        | 01-314-0460 | Anchor Pin                | 2        |
| *        | 01-160-0380 | Retaining Ring            | 2        |
| *        | 01-314-0490 | Adjusting Screw Assembly  | 2        |
| *        | 01-314-0550 | Shoulder Bolt             | 4        |
| 26       | 54-004-1241 | Brake Shoe Bracket        | 1        |
| 27       | 3253-6      | Lock Washer               | 4        |
| 28       | 3217-8      | Hex Nut                   | 4        |
| 29       | 01-269-0320 | Front Tire                | 1        |
| 30       | 01-102-0130 | Bearing                   | 2        |
| 31       | 01-405-0460 | Seal                      | 2        |
| 32       | 01-269-0060 | Axle Spacer               | 2        |
| 33       | 01-190-1210 | Castle Nut                | 1        |
| 34       | 3272-23     | Cotter Pin                | 1        |

\* Not Illustrated

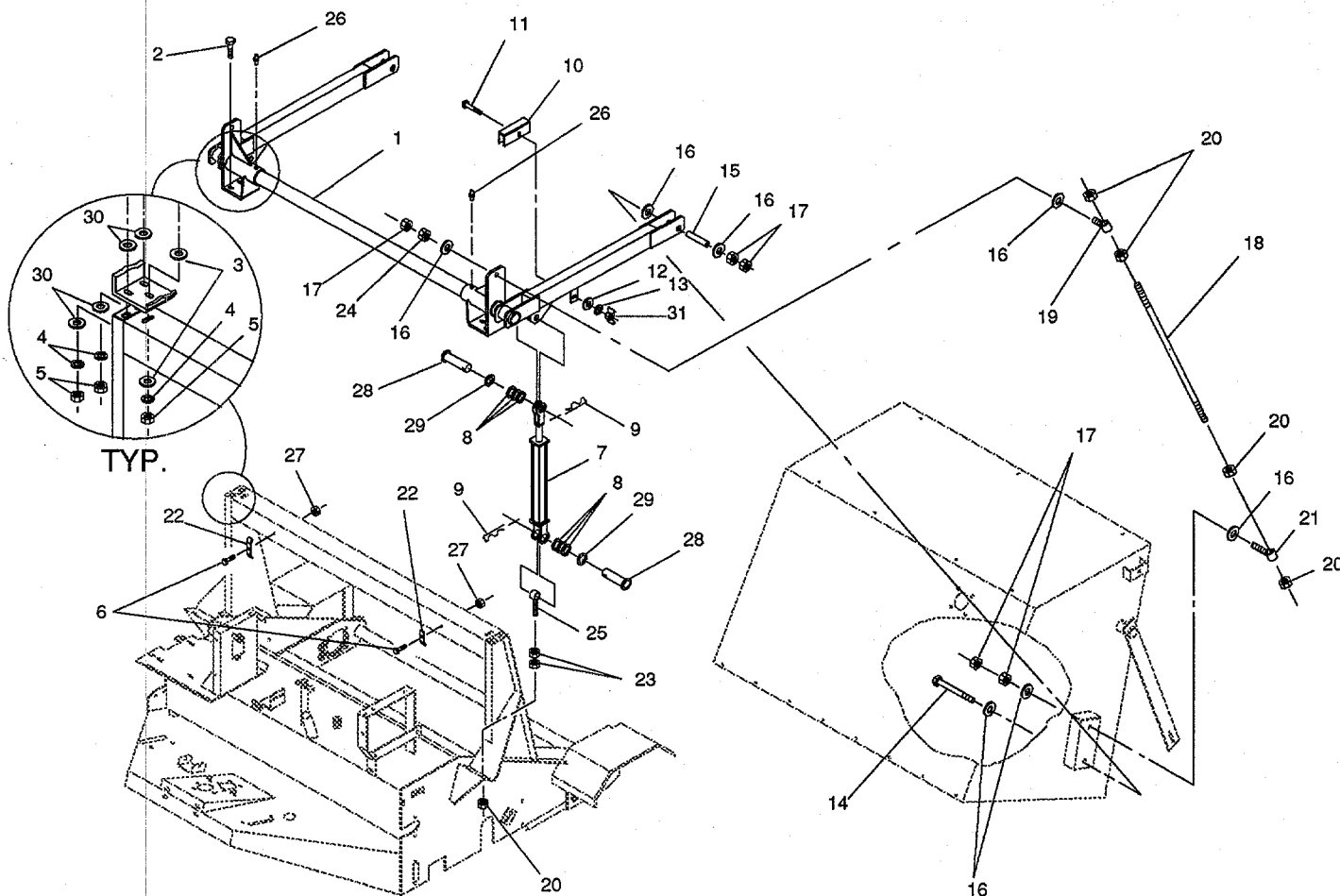


## BRAKE SYSTEM (Continued)

48J-017

| Ref. No. | Part No.    | Description          | No. Used |
|----------|-------------|----------------------|----------|
| 35       | 01-314-0020 | Hydraulic Brake Hose | 1        |
| 36       | 01-314-0070 | Brake Line Clip      | 1        |
| 37       | 01-314-0330 | Hydraulic Brake Line | 1        |
| 38       | 01-314-0360 | Connector            | 1        |
| 39       | 01-314-0340 | Bolt                 | 1        |

| Ref. No. | Part No.    | Description      | No. Used |
|----------|-------------|------------------|----------|
| 40       | 01-314-0350 | Gasket           | 2        |
| 41       | 3253-7      | Lock Washer      | 2        |
| 42       | 48-004-6631 | Break Pedal Stop | 1        |
| 43       | 3230-2      | Carriage Bolt    | 1        |



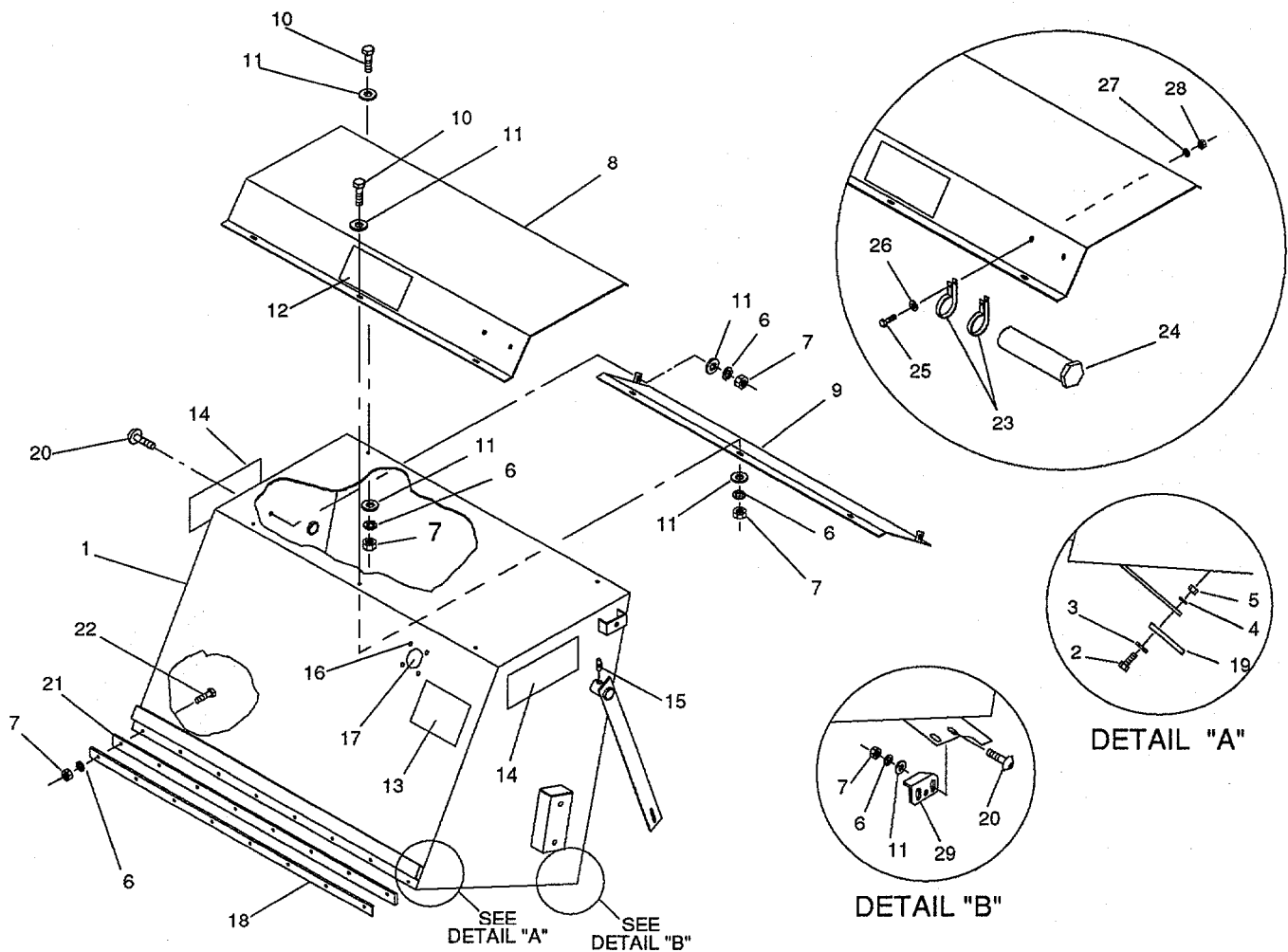
## HOPPER LIFT ARM ASSEMBLY

48J-018

| Ref. No. | Part No.    | Description                              | No. Used |
|----------|-------------|------------------------------------------|----------|
| 1        | 48-005-0352 | Main Lift Arm                            | 1        |
| 2        | 325-6       | Capscrew - Hex Hd.                       | 6        |
| 3        | 3256-6      | Flat Washer                              | 4        |
| 4        | 3253-7      | Lock Washer                              | 6        |
| 5        | 3217-9      | Hex Nut                                  | 6        |
| 6        | 323-9       | Capscrew - Hex Hd.                       | 8        |
| 7        | 01-301-0340 | Hopper Lift Cylinder<br>(Incl. Ref. #28) | 1        |
| *        | 01-301-0370 | Seal Kit                                 | 1        |
| 8        | 01-168-1610 | Machinery Bushing                        | 6        |
| 9        | 01-159-0010 | Presto Pin                               | 4        |
| 10       | 48-005-0561 | Cylinder Safety Stop                     | 1        |
| 11       | 3231-10     | Carriage Bolt                            | 1        |
| 12       | 3256-4      | Flat Washer                              | 1        |
| 13       | 3253-5      | Lock Washer                              | 7        |
| 14       | 328-23      | Capscrew - Hex Hd.                       | 2        |
| 15       | 48-004-3441 | Spacer                                   | 2        |

| Ref. No. | Part No.    | Description             | No. Used |
|----------|-------------|-------------------------|----------|
| 16       | 01-166-1200 | Flat Washer             | 12       |
| 17       | 3218-7      | Jam Nut                 | 10       |
| 18       | 48-004-3052 | Upper Arm               | 2        |
| 19       | 48-005-0381 | Upper Pivot Arm Bracket | 2        |
| 20       | 3219-9      | Hex Nut                 | 9        |
| 21       | 48-005-0371 | Lower Pivot Assembly    | 2        |
| 22       | 48-004-4831 | Hose Bracket            | 2        |
| 23       | 01-191-1614 | Jam Nut                 | 2        |
| 24       | 3217-12     | Hex Nut                 | 2        |
| 25       | 48-005-0571 | Cylinder Adj. Pivot     | 1        |
| 26       | 01-215-0050 | Grease Fitting          | 4        |
| 27       | 3296-22     | Lock Nut                | 2        |
| 28       | 01-252-0150 | Clevis Pin              | 2        |
| 29       | 01-168-1614 | Machinery Bushing       | 2        |
| 30       | 3256-26     | "SAE" Flat Washer       | 8        |
| 31       | 32103-3     | Wing Nut                | 1        |

\* Not Illustrated



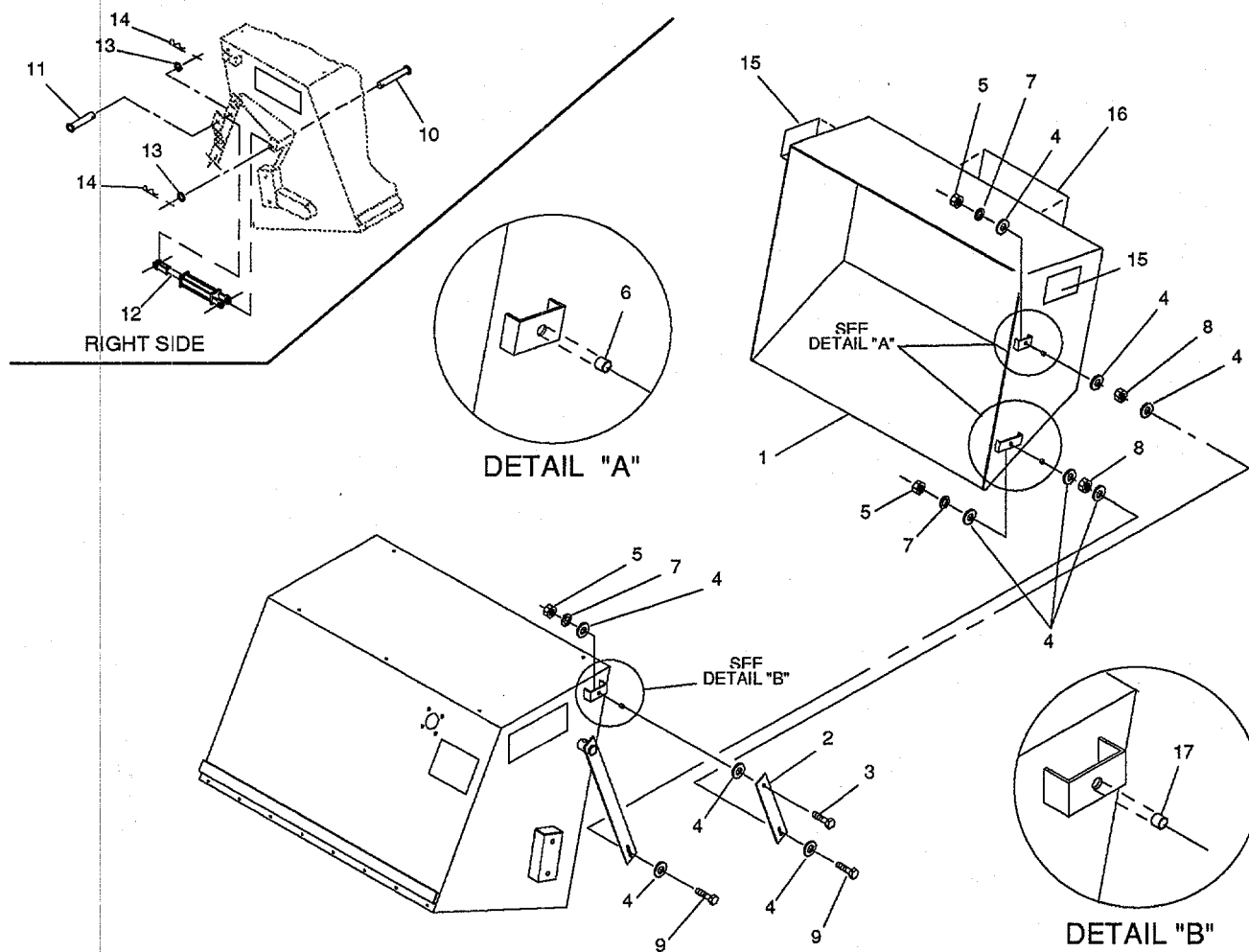
## HOPPER ASSEMBLY

48J-019

| Ref. No. | Part No.    | Description                 | No. Used |
|----------|-------------|-----------------------------|----------|
| 1        | 48-005-0513 | Hopper                      | 1        |
| 2        | 322-3       | Capscrew - Hex Hd.          | 8        |
| 3        | 3256-3      | Flat Washer                 | 8        |
| 4        | 3253-4      | Lock Washer                 | 8        |
| 5        | 3217-6      | Hex Nut                     | 8        |
| 6        | 3253-5      | Lock Washer                 | 19       |
| 7        | 3217-7      | Hex Nut                     | 19       |
| 8        | 48-005-0292 | Dust Shield Assembly        | 1        |
| 9        | 48-004-6282 | Wet Leaf Deflector          | 1        |
| 10       | 01-184-0610 | Machine Screw - Rd. Hd.     | 5        |
| 11       | 3256-4      | Flat Washer                 | 16       |
| 12       | 01-506-0510 | Decal - Toro                | 1        |
| 13       | 01-506-0070 | Decal - Danger              | 1        |
| 14       | 01-506-0720 | Decal - Turf Sweeper 4800HL | 2        |
| 15       | 01-215-0050 | Grease Fitting              | 2        |

| Ref. No. | Part No.    | Description                  | No. Used |
|----------|-------------|------------------------------|----------|
| 16       | 01-161-0030 | Pop Rivet                    | 4        |
| 17       | 48-004-4641 | Peep Hole Cover              | 1        |
| 18       | 48-004-6161 | Rubber Flap Mount            | 1        |
| 19       | 48-004-5451 | Hopper Floor Seal            | 1        |
| 20       | 3231-2      | Carriage Bolt                | 6        |
| 21       | 48-004-6191 | Hopper Flap                  | 1        |
| 22       | 323-7       | Capscrew - Hex Hd.           | 8        |
| 23       | 2412-133    | R-Clamp                      | 2        |
| 24       | 74-0720     | Manual Tube                  | 1        |
| 25       | 321-4       | Capscrew - Hex Hd.           | 2        |
| 26       | 3256-2      | Flat Washer                  | 2        |
| 27       | 3253-3      | Lock Washer                  | 2        |
| 28       | 3217-5      | Hex Nut                      | 2        |
| 29       | 48-004-4461 | Hopper Pivot Adj. Bracket-RH | 1        |
| *        | 48-004-6591 | Hopper Pivot Adj. Bracket-LH | 1        |

\* Not Illustrated



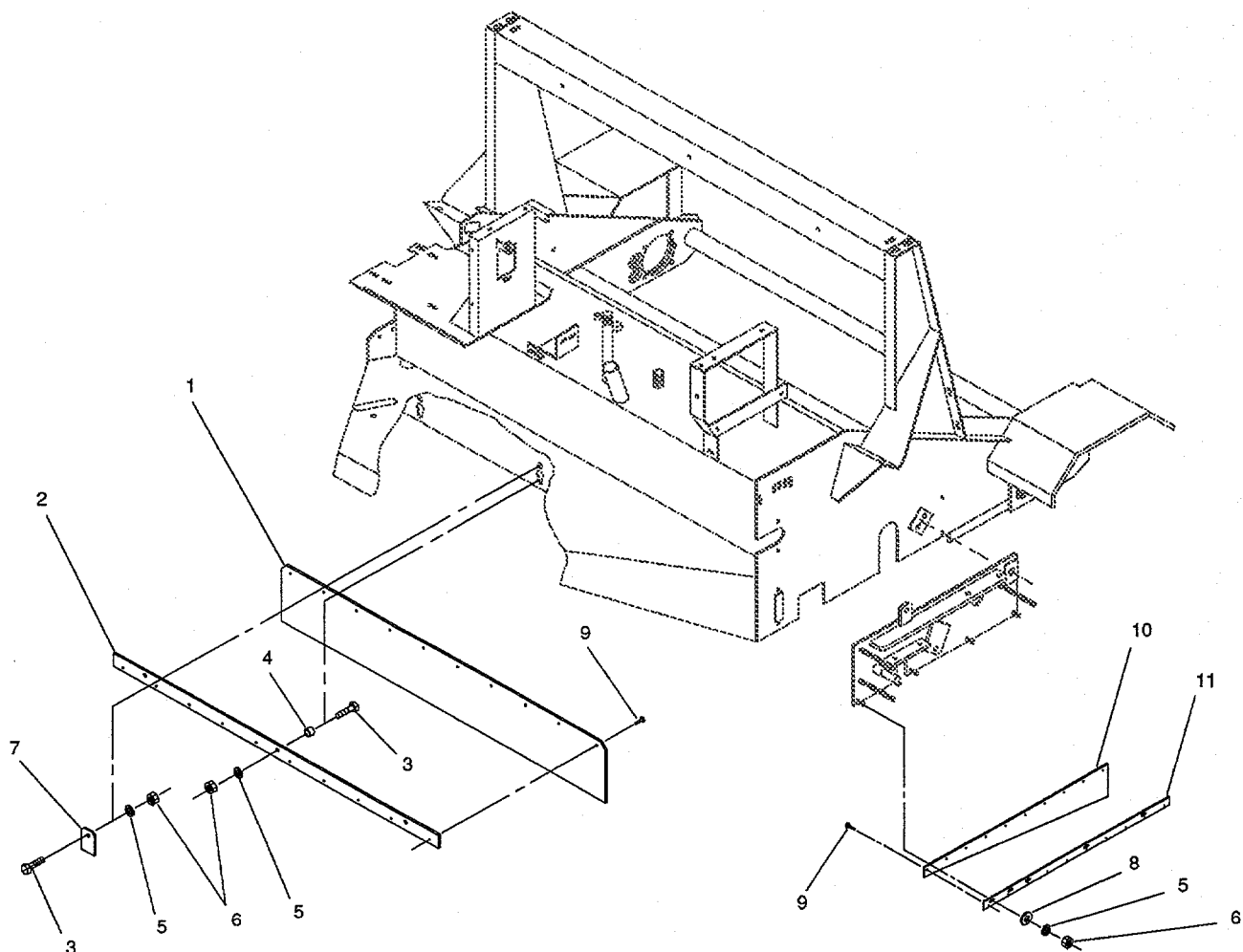
## HOPPER DOOR ASSEMBLY

48J-002

| Ref. No. | Part No.    | Description           | No. Used |
|----------|-------------|-----------------------|----------|
| 1        | 48-005-0602 | High Lift Hopper Door | 1        |
| 2        | 48-004-3001 | Door Linkage-Upper    | 2        |
| 3        | 325-7       | Capscrew - Hex Hd.    | 2        |
| 4        | 3256-6      | Flat Washer           | 20       |
| 5        | 3217-9      | Hex Nut               | 6        |
| 6        | 48-004-6101 | Hopper Box Spacer     | 4        |
| 7        | 3253-7      | Lock Washer           | 6        |
| 8        | 3218-5      | Jam Nut               | 4        |
| 9        | 325-8       | Capscrew - Hex Hd.    | 4        |

| Ref. No. | Part No.    | Description                | No. Used |
|----------|-------------|----------------------------|----------|
| 10       | 48-005-0341 | Hopper Door Cyl. Pin-lower | 1        |
| 11       | 48-005-0331 | Hopper Door Cyl. Pin-upper | 1        |
| 12       | 01-301-0350 | Door Lift Cylinder         | 1        |
| *        | 01-301-0370 | Seal Kit                   | 1        |
| 13       | 3256-42     | Flat Washer                | 2        |
| 14       | 01-159-0010 | Presto Pin                 | 2        |
| 15       | 01-506-0060 | Decal - Danger             | 2        |
| 16       | 01-506-0530 | Decal - Toro               | 1        |
| 17       | 48-004-6311 | Hopper Box Spacer          | 2        |

\* Not Illustrated



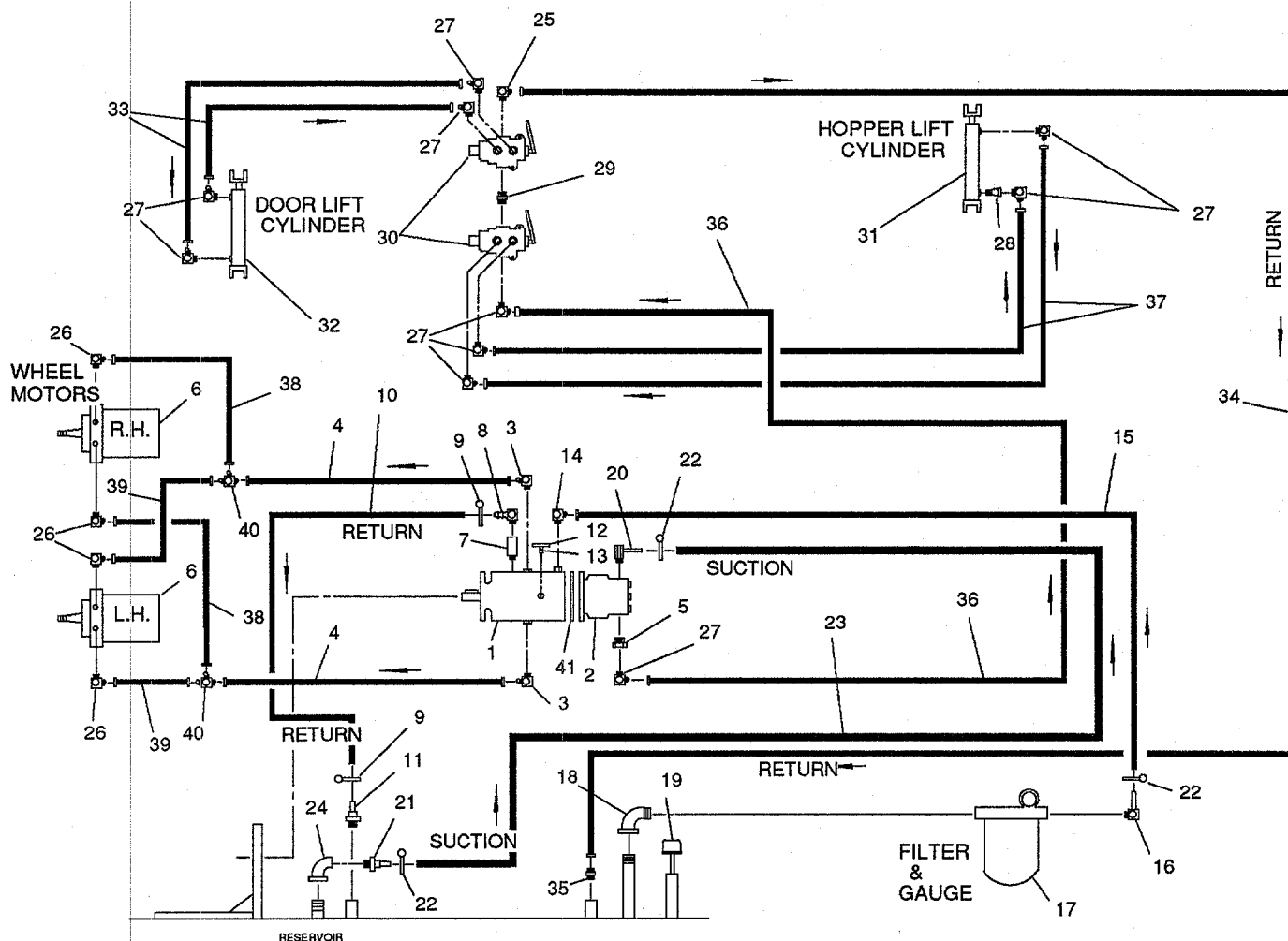
## FRONT & SIDE FLAPS

48J-022

| Ref. No. | Part No.    | Description         | No. Used |
|----------|-------------|---------------------|----------|
| 1        | 48-004-5241 | Front Rubber Flap   | 1        |
| 2        | 48-004-5231 | Front Flap Mount    | 1        |
| 3        | 323-6       | Capscrew - Hex Hd.  | 6        |
| 4        | 48-004-5511 | Front Flap Spacer   | 3        |
| 5        | 3253-5      | Lock Washer         | 16       |
| 6        | 3217-7      | Hex Nut             | 16       |
| 7        | 48-004-6091 | Rubber Flap Stopper | 3        |

| Ref. No. | Part No.    | Description            | No. Used |
|----------|-------------|------------------------|----------|
| 8        | 3256-4      | Flat Washer            | 10       |
| 9        | 01-161-0020 | Pop Rivet              | 30       |
| 10       | 48-004-5871 | Side Flap - L.H.       | 1        |
| *        | 48-004-5201 | Side Flap - R.H.       | 1        |
| 11       | 48-004-5211 | L.H. Rubber Flap Mount | 1        |
| *        | 48-004-5221 | R.H. Rubber Flap Mount | 1        |

\* Not Illustrated



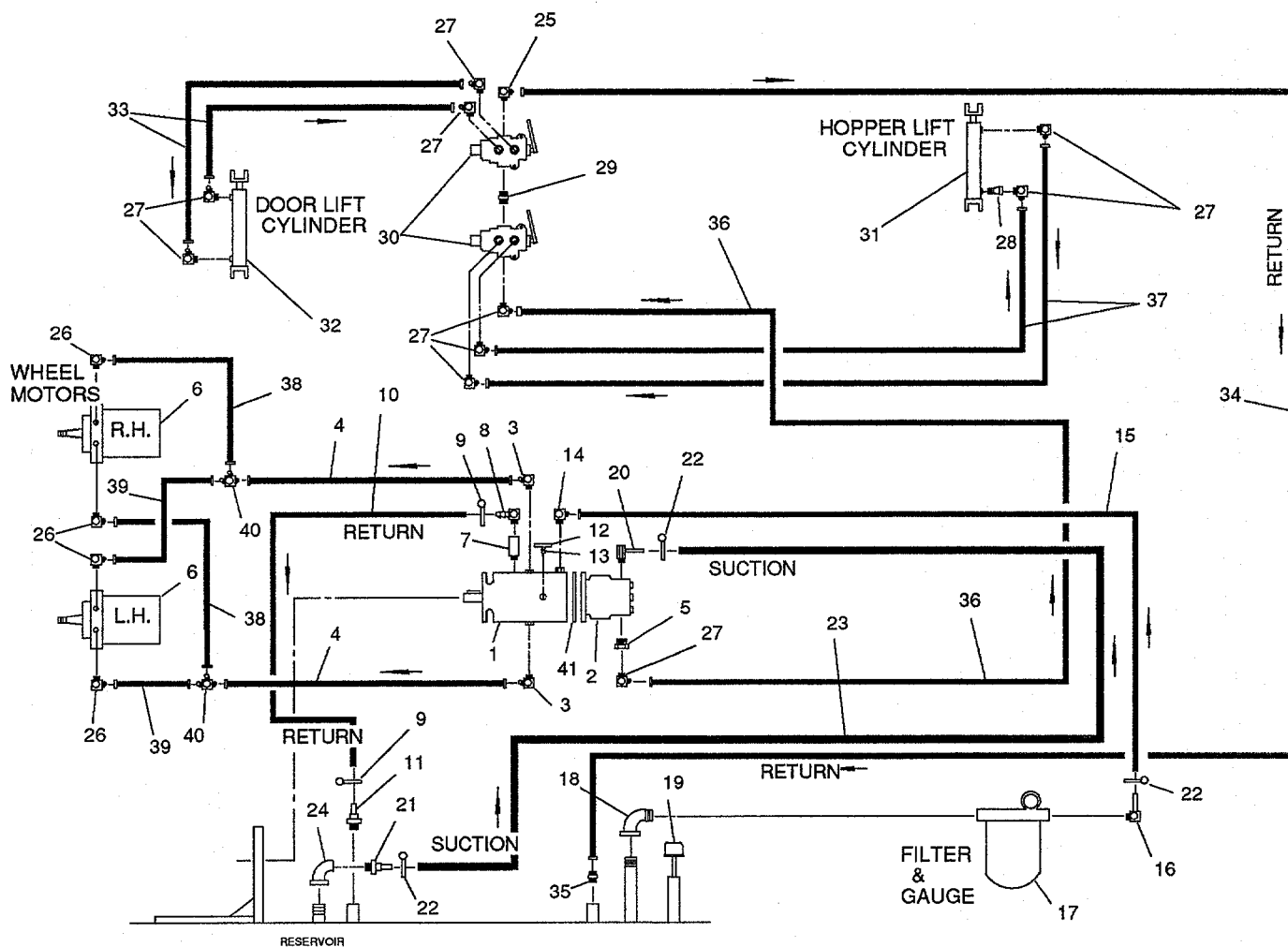
## 4800HL - HYDRAULIC SCHEMATIC

48J-021

| Ref. No. | Part No.    | Description      | No. Used |
|----------|-------------|------------------|----------|
| 1        | 01-305-0090 | Cessna Pump      | 1        |
| *        | 01-305-0080 | Seal Kit         | 1        |
| 2        | 01-305-0020 | Sundstrand Pump  | 1        |
| *        | 01-305-0600 | Seal Kit         | 1        |
| 3        | 01-201-0440 | Fitting          | 2        |
| 4        | 01-312-1260 | Hose Assembly    | 2        |
| 5        | 01-201-0020 | Fitting          | 1        |
| 6        | 01-304-0410 | Hyd. Motor       | 2        |
| *        | 01-304-0260 | Seal Kit         | 1        |
| 7        | 01-201-0490 | Fitting          | 1        |
| 8        | 01-217-0050 | Hose Barb        | 1        |
| 9        | 01-202-0030 | Hose Clamp       | 2        |
| 10       | 48-004-4921 | Hose Assembly    | 1        |
| 11       | 01-217-0060 | Hose Barb        | 1        |
| 12       | 48-005-0641 | Tow Valve Handle | 1        |
| 13       | 01-163-0100 | Set Screw        | 1        |
| 14       | 01-201-1880 | Fitting          | 1        |
| 15       | 01-312-1710 | Hose Assembly    | 1        |
| 16       | 01-201-1890 | Fitting          | 1        |
| 17       | 01-316-0020 | Filter Assembly  | 1        |
| *        | 01-315-0010 | Filter Head      | 1        |
| *        | 01-317-0120 | Filter Element   | 1        |

| Ref. No. | Part No.    | Description             | No. Used |
|----------|-------------|-------------------------|----------|
| *        | 01-303-0010 | Filter Gauge            | 1        |
| 18       | 01-455-0020 | Fitting                 | 1        |
| 19       | 48-002-0101 | Breather Cap w/dipstick | 1        |
| 20       | 01-201-1080 | Fitting                 | 1        |
| 21       | 01-201-0750 | Fitting                 | 1        |
| 22       | 01-202-0050 | Hose Clamp              | 3        |
| 23       | 48-004-4931 | Hose Assembly           | 1        |
| 24       | 01-455-0080 | Fitting                 | 1        |
| 25       | 01-201-0530 | Fitting                 | 1        |
| 26       | 01-201-1580 | Fitting                 | 4        |
| 27       | 01-201-0190 | Fitting                 | 10       |
| 28       | 01-310-0040 | Fitting                 | 1        |
| 29       | 01-201-0160 | Fitting                 | 1        |
| 30       | 01-308-0050 | Valve                   | 2        |
| *        | 01-308-0130 | Seal Kit                | 1        |
| 31       | 01-301-0340 | Cylinder                | 1        |
| *        | 01-301-0370 | Seal Kit                | 1        |
| 32       | 01-301-0350 | Cylinder                | 1        |
| *        | 01-301-0370 | Seal Kit                | 1        |
| 33       | 01-312-0190 | Hose Assembly           | 2        |
| 34       | 01-312-0840 | Hose Assembly           | 1        |
| 35       | 01-201-0810 | Fitting                 | 1        |

\* Not Illustrated

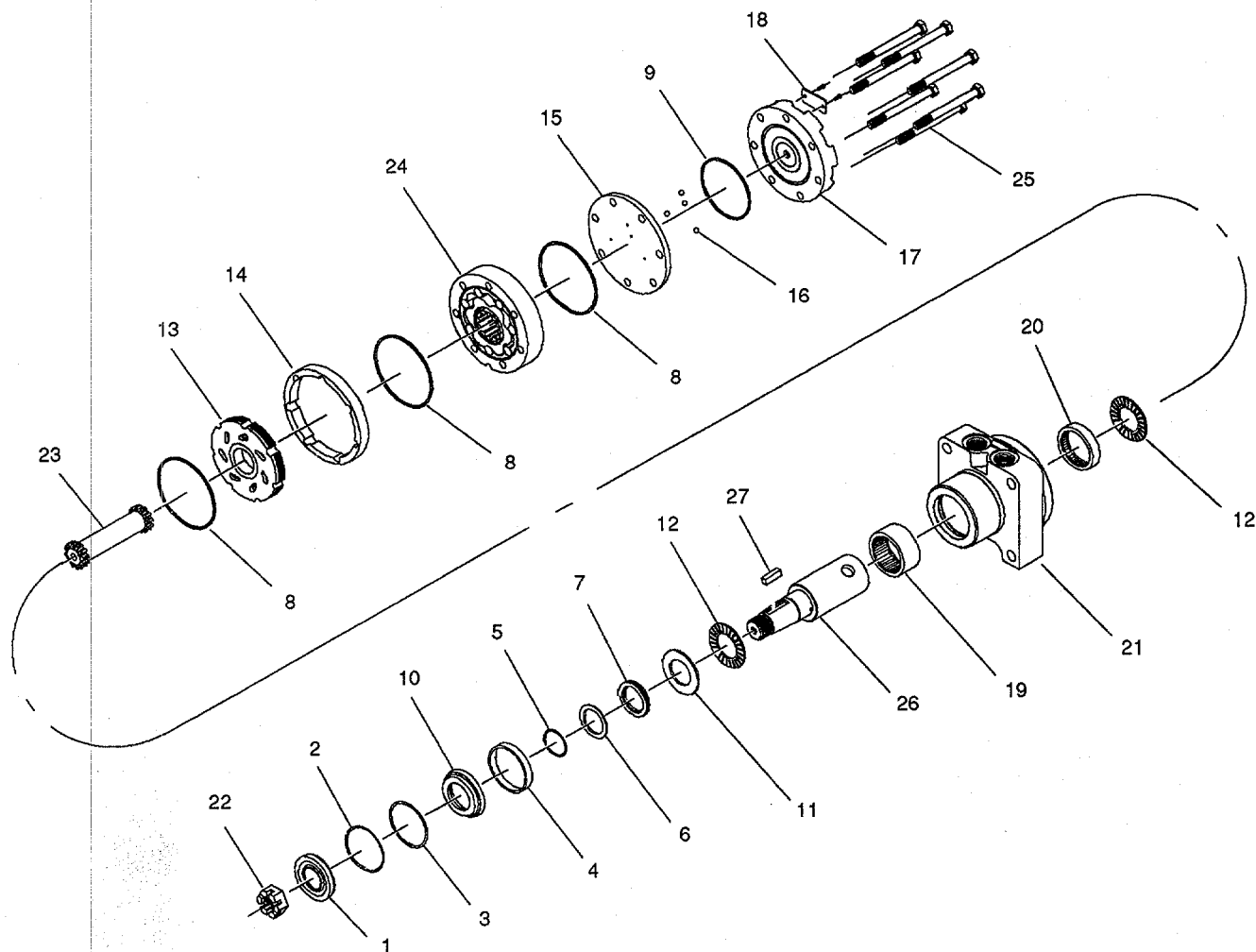


## 4800HL - HYDRAULIC SCHEMATIC (Continued)

48J-021

| Ref. No. | Part No.    | Description   | No. Used |
|----------|-------------|---------------|----------|
| 36       | 01-312-0200 | Hose Assembly | 1        |
| 37       | 01-312-0280 | Hose Assembly | 2        |
| 38       | 01-312-1430 | Hose Assembly | 2        |

| Ref. No. | Part No.    | Description   | No. Used |
|----------|-------------|---------------|----------|
| 39       | 01-312-1420 | Hose Assembly | 2        |
| 40       | 01-201-1530 | Fitting       | 2        |
| 41       | 01-402-0230 | O-Ring        | 1        |



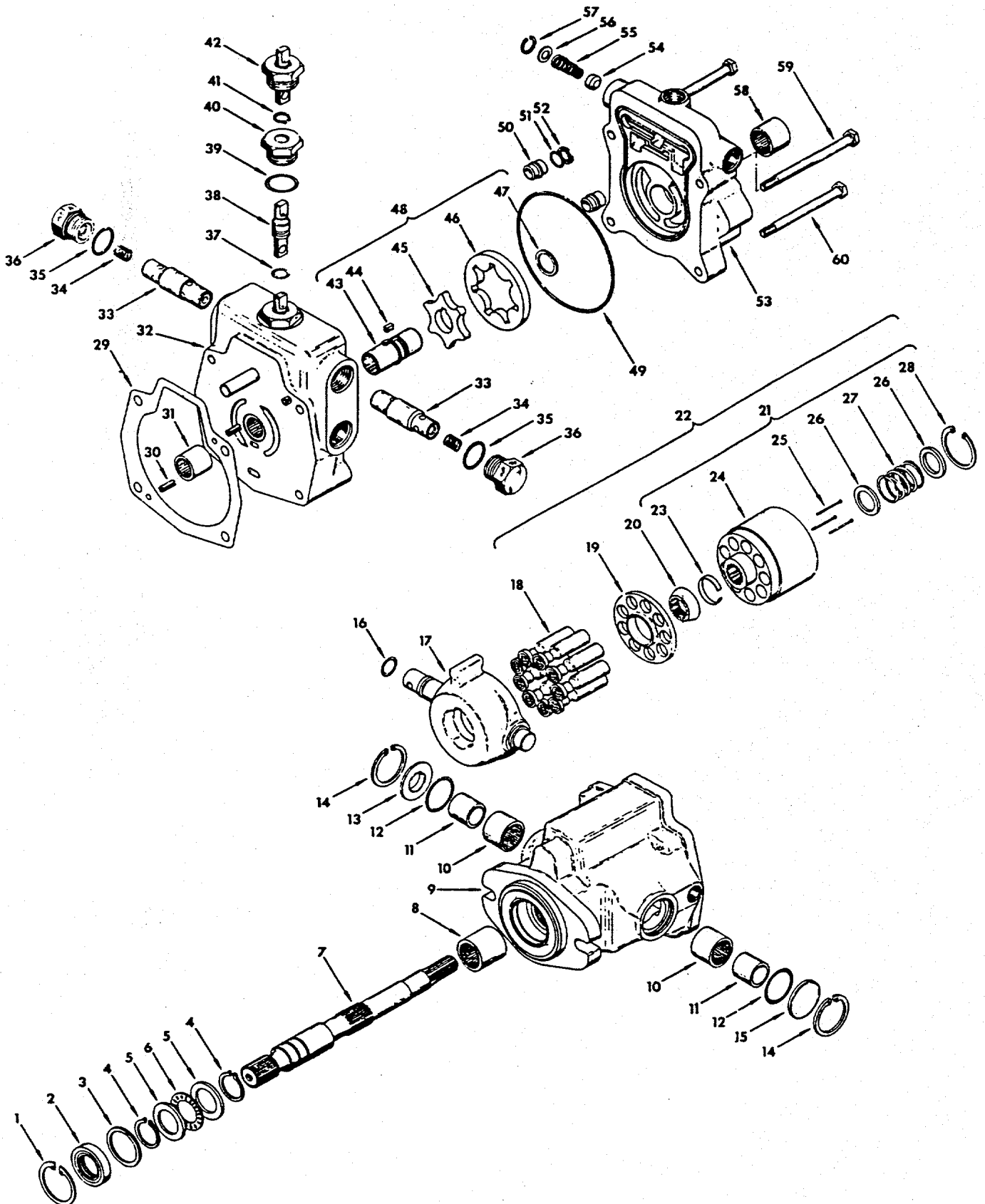
## HYDRAULIC MOTOR - NO. 01-304-0410

HYDM0410

| Ref. No. | Part No.    | Description              | No. Used |
|----------|-------------|--------------------------|----------|
| 1        |             | Dust Seal                | 1        |
| 2        |             | Snap Ring                | 1        |
| 3        |             | Backup Shim              | 1        |
| 4        |             | Lathe Cut Seal           | 1        |
| 5        |             | Backup Shim              | 1        |
| 6        |             | Teflon Backup            | 1        |
| 7        |             | Shaft Seal               | 1        |
| 8        |             | Body Seal                | 3        |
| 9        |             | Endcover Seal            | 1        |
| 10       |             | Seal Carrier             | 1        |
| 11       |             | Thrust Washer            | 1        |
| *        | 01-304-0260 | Seal Kit (Incl. #1 - 11) | 1        |
| 12       | 01-304-0660 | Thrust Bearing           | 2        |
| 13       | 01-304-0810 | Manifold (CCW)           | 1        |
| 14       | 01-304-0800 | Manifold Boot            | 1        |

| Ref. No. | Part No.    | Description                      | No. Used |
|----------|-------------|----------------------------------|----------|
| 15       |             | Balance Plate                    | 1        |
| 16       |             | Ball (3/16" steel)               | 4        |
| *        | 01-304-0820 | Balance Plate Kit (Incl. #15,16) | 1        |
| 17       | 01-304-0830 | Endcover                         | 1        |
| 18       |             | I. D. Tag Assembly               | 1        |
| 19       |             | Roller Bearing                   | 1        |
| 20       |             | Roller Bearing                   | 1        |
| 21       |             | Housing                          | 1        |
| *        | 01-304-0840 | Housing Kit (Incl. #19 - 21)     | 1        |
| 22       | 01-304-0890 | Slotted Nut                      | 1        |
| 23       | 01-304-0850 | Drive Link                       | 1        |
| 24       | 01-304-0860 | Rotor Set                        | 1        |
| 25       | 01-304-0870 | Bolt Set (7)                     | 1        |
| 26       | 01-304-0490 | Shaft                            | 1        |
| 27       | 01-304-0880 | Shaft Key                        | 1        |

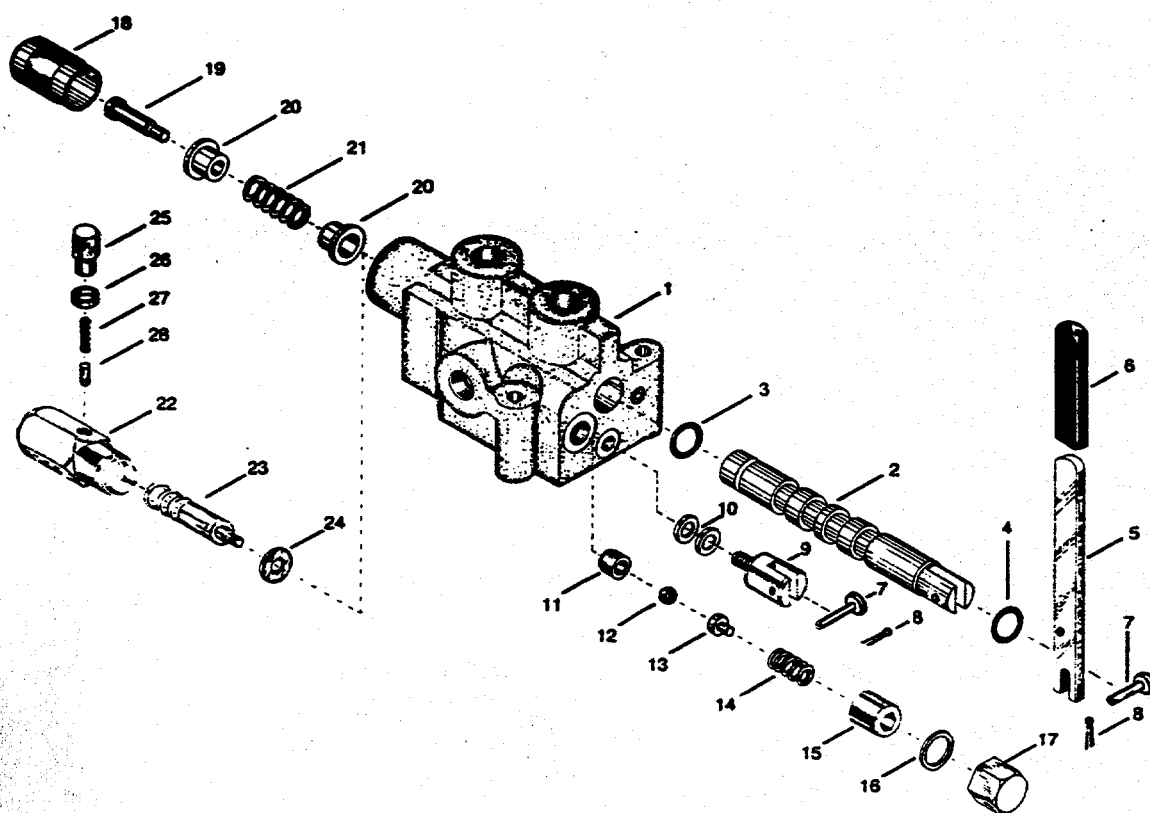
# CESSNA PUMP - NO. 01-305-0090



# CESSNA PUMP - NO. 01-305-0090

| Ref. No. | Part No.    | Description                                     | No. Used |
|----------|-------------|-------------------------------------------------|----------|
| 1        |             | Snap Ring                                       | 1        |
| 2        | 01-405-0400 | Shaft Seal                                      | 1        |
| 3        | 01-169-0060 | Machinery Bushing                               | 1        |
| 4        |             | Snap Ring                                       | 2        |
| 5        | 01-168-1612 | Thrust Race                                     | 2        |
| 6        | 01-105-0490 | Thrust Bearing                                  | 1        |
| 7        | 01-305-0120 | Drive Shaft                                     | 1        |
| 8        | 01-105-0320 | Needle Bearing                                  | 1        |
| 9        | 01-318-0070 | Housing Assembly                                | 1        |
| 10       | 01-105-0460 | Needle Bearing                                  | 2        |
| 11       | 01-105-0500 | Inner Race                                      | 2        |
| 12       | 01-402-0470 | O-Ring                                          | 2        |
| 13       | 01-286-0200 | Trunnion Cover                                  | 1        |
| 14       |             | Snap Ring                                       | 2        |
| 15       | 01-286-0140 | Sleeve Cover                                    | 1        |
| 16       | 01-402-0240 | O-Ring                                          | 1        |
| 17       | 01-286-0160 | Camplate                                        | 1        |
| 18       | 01-363-0040 | Piston Assemblies                               | 9        |
| 19       |             | Spider                                          | 1        |
| 20       |             | Spider Pivot                                    | 1        |
| 21       | 01-318-0050 | Piston Block Assembly<br>(Incl. Ref. # 23 - 28) | 1        |
| 22       | 01-318-0060 | Rotating Assembly<br>(Incl. Ref. # 18 - 21)     | 1        |
| 23       |             | Pin Keeper                                      | 1        |
| 24       |             | Piston Block                                    | 1        |
| 25       |             | Pins                                            | 3        |
| 26       |             | Washer                                          | 1        |
| 27       |             | Spring                                          | 1        |
| 28       |             | Snap Ring                                       | 1        |
| 29       | 01-401-0010 | Gasket, Housing                                 | 1        |
| 30       | 01-153-0200 | Roll Pin                                        | 2        |
| 31       | 01-105-0470 | Needle Bearing                                  | 1        |
| 32       |             | Back Plate Assembly                             | 1        |

| Ref. No. | Part No.    | Description                                                                     | No. Used |
|----------|-------------|---------------------------------------------------------------------------------|----------|
| 33       | 01-308-0200 | Relief Valve Assembly                                                           | 2        |
| 34       | 01-261-0420 | Spring                                                                          | 2        |
| 35       |             | O-Ring                                                                          | 2        |
| 36       |             | Plug, Shipping Plug                                                             | 2        |
| 37       |             | O-Ring                                                                          | 1        |
| 38       | 01-318-0090 | Spreader                                                                        | 1        |
| 39       |             | O-Ring                                                                          | 1        |
| 40       |             | Separator Plug                                                                  | 1        |
| 41       |             | Snap Ring                                                                       | 1        |
| 42       | 01-308-0180 | Tow Valve Assembly                                                              | 1        |
| 43       |             | Coupler                                                                         | 1        |
| 44       | 01-155-0100 | Key                                                                             | 1        |
| 45       |             | Gerotor, Inner Ring                                                             | 1        |
| 46       |             | Gerotor, Outer Ring                                                             | 1        |
| 47       |             | Snap Ring, Spiral                                                               | 2        |
| 48       | 01-254-0060 | Gerotor & Coupler Assembly<br>(Incl. Ref. # 43 - 47)                            | 1        |
| 49       | 01-402-0480 | O-Ring                                                                          | 1        |
| 50       | 01-318-0080 | Check Valve Assembly                                                            | 2        |
| 51       |             | O-Ring                                                                          | 2        |
| 52       |             | Back-up Washer                                                                  | 2        |
| 53       |             | Charge Pump Adaptor                                                             | 1        |
| 54       | 01-286-0180 | Poppet, Filter Relief                                                           | 1        |
| 55       | 01-261-0430 | Spring, Retainer                                                                | 1        |
| 56       | 01-159-0020 | Retaining Ring                                                                  | 1        |
| 57       |             | Snap Ring                                                                       | 1        |
| 58       | 01-105-0480 | Needle Bearing                                                                  | 1        |
| 59       | 01-181-1012 | FHSCS                                                                           | 2        |
| 60       | 01-305-0540 | Pump Bolt                                                                       | 2        |
| *        | 01-318-0040 | Seal Repair Kit<br>(Incl. Ref. # 1,2,4,12,14,16,29,<br>35,37,39,41,49,51,52,57) | 1        |



## HYDRAULIC VALVE - NO. 01-308-0050

VLE-0050

| Ref. No. | Part No.    | Description       | No. Used |
|----------|-------------|-------------------|----------|
| 1        |             | Casting, Body     | 1        |
| 2        |             | Spool, 4-way      | 1        |
| 3        |             | O-Ring, Spool     | 1        |
| 4        |             | O-Ring, Casting   | 1        |
| 5        | 01-308-0190 | Lever             | 1        |
| 6        |             | Knob              | 1        |
| 7        | 01-308-1170 | Pin               | 2        |
| 8        |             | Cotter Pin        | 2        |
| 9        |             | Pivot Clevis      | 1        |
| 10       |             | Washer            | 2        |
| 11       |             | Seal              | 1        |
| 12       |             | Ball              | 1        |
| 13       |             | Socket, Ball      | 1        |
| 14       |             | Spring            | 1        |
| 15       |             | Screw, Adjustment | 1        |
| 16       | 01-169-0070 | Washer            | 1        |
| 17       |             | Cap, Relief       | 1        |

| Ref. No. | Part No.    | Description                                          | No. Used |
|----------|-------------|------------------------------------------------------|----------|
| 18       |             | Cap                                                  | 1        |
| 19       |             | Bolt, Shoulder                                       | 1        |
| 20       |             | Stop, Spool                                          | 2        |
| 21       |             | Spring                                               | 1        |
| *        | 01-308-0140 | Spring Centered Assembly Kit<br>(Incl. Ref. # 18-21) | 1        |
| 22       |             | Cap, Detent                                          | 1        |
| 23       |             | Bolt, Detent                                         | 1        |
| 24       |             | Stop, Spool                                          | 1        |
| 25       |             | Cap, Point                                           | 1        |
| 26       |             | Washer                                               | 1        |
| 27       |             | Spring                                               | 1        |
| 28       |             | Point                                                | 1        |
| *        | 01-308-0150 | Detent Kit (Incl. Ref. # 22-28)                      | 1        |
| *        | 01-308-0130 | Valve Repair Kit                                     | 1        |

# PART NUMBER INDEX

| Part No.    | Description             | Pg. No. | Ref. No. | Qty. | Part No.    | Description                | Pg. No. | Ref. No. | Qty. |
|-------------|-------------------------|---------|----------|------|-------------|----------------------------|---------|----------|------|
| 01-102-0050 | Bearing                 | 14      | 15       | 1    | 01-191-1614 | Jam Nut                    | 17      | 23       | 2    |
| 01-102-0070 | Bearing                 | 14      | 20       | 1    | 01-201-0020 | Fitting                    | 21      | 5        | 1    |
| 01-102-0130 | Bearing                 | 15      | 30       | 2    | 01-201-0160 | Fitting                    | 21      | 29       | 1    |
| 01-103-0040 | Inner Race              | 14      | 29       | 1    | 01-201-0190 | Fitting                    | 21      | 27       | 10   |
| 01-103-0140 | Outer Race              | 14      | 30       | 1    | 01-201-0440 | Fitting                    | 21      | 3        | 2    |
| 01-105-0320 | Needle Bearing          | 25      | 8        | 1    | 01-201-0490 | Fitting                    | 21      | 7        | 1    |
| 01-105-0460 | Needle Bearing          | 25      | 10       | 2    | 01-201-0530 | Fitting                    | 21      | 25       | 1    |
| 01-105-0470 | Needle Bearing          | 25      | 31       | 1    | 01-201-0750 | Fitting                    | 21      | 21       | 1    |
| 01-105-0480 | Needle Bearing          | 25      | 58       | 1    | 01-201-0810 | Fitting                    | 21      | 35       | 1    |
| 01-105-0490 | Thrust Bearing          | 25      | 6        | 1    | 01-201-1080 | Fitting                    | 21      | 20       | 1    |
| 01-105-0500 | Inner Race              | 25      | 11       | 2    | 01-201-1530 | Fitting                    | 22      | 40       | 2    |
| 01-105-0520 | Needle Bearing          | 6       | 26       | 2    | 01-201-1580 | Fitting                    | 21      | 26       | 4    |
| 01-105-0520 | Needle Bearing          | 7       | 16       | 2    | 01-201-1880 | Fitting                    | 21      | 14       | 1    |
| 01-113-0010 | Bearing                 | 10      | 9        | 1    | 01-201-1890 | Fitting                    | 21      | 16       | 1    |
| 01-113-0010 | Bearing                 | 6       | 15       | 1    | 01-202-0030 | Hose Clamp                 | 21      | 9        | 2    |
| 01-113-0020 | Bearing                 | 10      | 4        | 1    | 01-202-0030 | Hose Clamp                 | 4       | 5        | 2    |
| 01-113-0020 | Bearing                 | 6       | 5        | 1    | 01-202-0050 | Hose Clamp                 | 21      | 22       | 3    |
| 01-126-0110 | Bushing, Oilite         | 14      | 5        | 2    | 01-215-0050 | Grease Fitting             | 14      | 31       | 1    |
| 01-151-0170 | Cotter Pin              | 1       | 21       | 2    | 01-215-0050 | Grease Fitting             | 16      | 26       | 4    |
| 01-153-0200 | Roll Pin                | 25      | 30       | 2    | 01-215-0050 | Grease Fitting             | 17      | 15       | 2    |
| 01-155-0100 | Key                     | 25      | 44       | 1    | 01-217-0050 | Hose Barb                  | 21      | 8        | 1    |
| 01-158-0150 | Capscrew - Socket Hd.   | 3       | 23       | 8    | 01-217-0060 | Hose Barb                  | 21      | 11       | 1    |
| 01-158-0270 | Shoulder Bolt           | 5       | 2        | 2    | 01-217-0060 | Hose Barb                  | 4       | 4        | 1    |
| 01-158-1610 | Lug Bolt                | 1       | 24       | 10   | 01-250-0020 | Rod End Bearing            | 5       | 7        | 1    |
| 01-159-0010 | Presto Pin              | 17      | 9        | 4    | 01-250-0020 | Rod End Bearing            | 7       | 8        | 1    |
| 01-159-0010 | Presto Pin              | 19      | 14       | 2    | 01-251-0020 | Offset Link                | 6       | *        | 1    |
| 01-159-0020 | Retaining Ring          | 25      | 56       | 1    | 01-252-0150 | Clevis Pin                 | 16      | 28       | 2    |
| 01-160-0370 | Snap Ring               | 14      | 4        | 1    | 01-254-0060 | Gerotor & Coupler Assembly | 25      | 48       | 1    |
| 01-160-0380 | Retaining Ring          | 15      | *        | 2    | 01-260-0010 | Sheave                     | 10      | 14       | 1    |
| 01-161-0020 | Pop Rivet               | 20      | 9        | 30   | 01-260-0110 | Sheave                     | 10      | 17       | 1    |
| 01-161-0030 | Pop Rivet               | 18      | 16       | 4    | 01-260-0290 | Bushing                    | 10      | 15       | 1    |
| 01-163-0100 | Set Screw               | 21      | 13       | 1    | 01-260-0310 | Bushing                    | 10      | 18       | 1    |
| 01-163-0100 | Set Screw               | 3       | *        | 1    | 01-260-0900 | "H" Bushing                | 3       | 24       | 1    |
| 01-166-1200 | Flat Washer             | 17      | 16       | 12   | 01-261-0050 | Spring                     | 15      | 4        | 1    |
| 01-168-1014 | Machinery Bushing       | 11      | 2        | 5    | 01-261-0240 | Spring                     | 1       | 4        | 4    |
| 01-168-1210 | Machinery Bushing       | 15      | 17       | 2    | 01-261-0240 | Spring                     | 8       | 18       | 1    |
| 01-168-1410 | Machinery Bushing       | 6       | 23       | 6    | 01-261-0300 | Spring                     | 11      | 15       | 1    |
| 01-168-1410 | Machinery Bushing       | 7       | 13       | 11   | 01-261-0300 | Spring                     | 7       | 12       | 1    |
| 01-168-1414 | Machinery Bushing       | 6       | 24       | 4    | 01-261-0330 | Spring                     | 5       | 12       | 1    |
| 01-168-1414 | Machinery Bushing       | 7       | 14       | 5    | 01-261-0340 | Spring                     | 9       | 16       | 1    |
| 01-168-1610 | Machinery Bushing       | 17      | 8        | 6    | 01-261-0420 | Spring                     | 25      | 34       | 2    |
| 01-168-1610 | Machinery Bushing       | 6       | 20       | 3    | 01-261-0430 | Spring, Retainer           | 25      | 55       | 1    |
| 01-168-1612 | Thrust Race             | 25      | 5        | 2    | 01-261-0780 | Spring                     | 5       | 13       | 1    |
| 01-168-1614 | Machinery Bushing       | 17      | 29       | 2    | 01-262-0520 | Sprocket                   | 6       | 11       | 1    |
| 01-168-1614 | Machinery Bushing       | 6       | 21       | 6    | 01-262-0530 | Sprocket                   | 6       | 22       | 1    |
| 01-168-2010 | Machinery Bushing       | 6       | 13       | 2    | 01-262-0610 | Sprocket                   | 6       | 25       | 1    |
| 01-168-2014 | Machinery Bushing       | 6       | 10       | 3    | 01-262-0610 | Sprocket                   | 7       | 15       | 1    |
| 01-169-0010 | Lock Washer             | 3       | 22       | 8    | 01-264-0010 | Belt                       | 10      | 20       | 1    |
| 01-169-0060 | Machinery Bushing       | 25      | 3        | 1    | 01-265-0180 | Flex Coupling              | 3       | 21       | 1    |
| 01-169-0070 | Washer                  | 26      | 16       | 1    | 01-266-0080 | Wheel Cylinder Assembly    | 15      | *        | 1    |
| 01-181-1012 | FHSCS                   | 25      | 59       | 2    | 01-268-0010 | Pulley                     | 11      | 7        | 1    |
| 01-182-0616 | Capscrew - Hex Hd.      | 1       | 7        | 4    | 01-269-0060 | Axle Spacer                | 15      | 32       | 2    |
| 01-182-0620 | Capscrew - Hex Hd.      | 14      | 25       | 2    | 01-269-0140 | Steering Hub               | 14      | *        | 1    |
| 01-182-0824 | Capscrew - Hex Hd.      | 15      | 8        | 1    | 01-269-0300 | Lug Nut                    | 14      | 18       | 5    |
| 01-182-0832 | Capscrew - Hex Hd.      | 11      | 16       | 1    | 01-269-0320 | Front Tire                 | 15      | 29       | 1    |
| 01-184-0610 | Machine Screw - Rd. Hd. | 18      | 10       | 5    | 01-269-0330 | Tire                       | 1       | 23       | 2    |
| 01-189-0518 | Lock Nut                | 5       | 4        | 2    | 01-269-1020 | Wheel                      | 1       | 22       | 2    |
| 01-189-0813 | Lock Nut                | 8       | 13       | 2    | 01-269-2030 | Steering Hub               | 14      | 17       | 1    |
| 01-189-0813 | Lock Nut                | 9       | 13       | 2    | 01-269-2040 | Wheel Hub                  | 1       | 20       | 2    |
| 01-190-1210 | Castle Nut              | 15      | 33       | 1    | 01-270-4080 | Engine                     | 3       | 1        | 1    |
| 01-190-1216 | Castle Nut              | 14      | 22       | 1    | 01-279-0010 | Rubber Fingers             | 6       | 3        | 116  |
| 01-190-1620 | Castle Nut              | 2       | 31       | 1    | 01-280-0020 | Gas Cap                    | 4       | 2        | 1    |

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|-------------|--------------------------|---------|----------|------|-------------|-----------------------------|---------|----------|------|
| 01-280-0190 | Tank Withdrawal Assembly | 4       | 3        | 1    | 01-314-0330 | Hydraulic Brake Line        | 16      | 37       | 1    |
| 01-286-0030 | Cover Plate              | 14      | 8        | 1    | 01-314-0340 | Bolt                        | 16      | 39       | 1    |
| 01-286-0040 | Grease Cap               | 14      | 24       | 1    | 01-314-0350 | Gasket                      | 16      | 40       | 2    |
| 01-286-0130 | Steering Wheel           | 14      | 1        | 1    | 01-314-0360 | Connector                   | 16      | 38       | 1    |
| 01-286-0140 | Sleeve Cover             | 25      | 15       | 1    | 01-314-0430 | Brake Shoe                  | 15      | *        | 2    |
| 01-286-0160 | Camplate                 | 25      | 17       | 1    | 01-314-0460 | Anchor Pin                  | 15      | *        | 2    |
| 01-286-0180 | Poppet, Filter Relief    | 25      | 54       | 1    | 01-314-0470 | Brake Shoe Lever            | 15      | *        | 2    |
| 01-286-0200 | Trunnion Cover           | 25      | 13       | 1    | 01-314-0480 | Brake Shoe Spring           | 15      | *        | 2    |
| 01-286-0220 | Seat                     | 1       | 6        | 1    | 01-314-0490 | Adjusting Screw Assembly    | 15      | *        | 2    |
| 01-288-0020 | Hour Meter               | 1       | 25       | 1    | 01-314-0500 | Wheel Cylinder Repair Kit   | 15      | *        | 1    |
| 01-301-0340 | Cylinder                 | 21      | 31       | 1    | 01-314-0540 | Capscrew - Socket Hd.       | 15      | *        | 2    |
| 01-301-0340 | Cylinder                 | 17      | 7        | 1    | 01-314-0550 | Shoulder Bolt               | 15      | *        | 4    |
| 01-304-0260 | Seal Kit                 | 21      | *        | 1    | 01-315-0010 | Filter Head                 | 21      | *        | 1    |
| 01-304-0260 | Seal Kit                 | 23      | *        | 1    | 01-316-0020 | Filter Assembly             | 21      | 17       | 1    |
| 01-304-0410 | Hyd. Motor               | 21      | 6        | 2    | 01-317-0120 | Filter Element              | 21      | *        | 1    |
| 01-304-0410 | Hydraulic Motor          | 1       | 14       | 2    | 01-318-0040 | Seal Repair Kit             | 25      | *        | 1    |
| 01-304-0490 | Shaft                    | 23      | 26       | 1    | 01-318-0050 | Piston Block Assembly       | 25      | 21       | 1    |
| 01-304-0660 | Thrust Bearing           | 23      | 12       | 2    | 01-318-0060 | Rotating Assembly           | 25      | 22       | 1    |
| 01-304-0800 | Manifold Boot            | 23      | 14       | 1    | 01-318-0070 | Housing Assembly            | 25      | 9        | 1    |
| 01-304-0810 | Manifold (CCW)           | 23      | 13       | 1    | 01-318-0080 | Check Valve Assembly        | 25      | 50       | 2    |
| 01-304-0820 | Balance Plate Kit        | 23      | *        | 1    | 01-318-0090 | Spreader                    | 25      | 38       | 1    |
| 01-304-0830 | Endcover                 | 23      | 17       | 1    | 01-363-0040 | Piston Assemblies           | 25      | 18       | 9    |
| 01-304-0840 | Housing Kit              | 23      | *        | 1    | 01-401-0010 | Gasket, Housing             | 25      | 29       | 1    |
| 01-304-0850 | Drive Link               | 23      | 23       | 1    | 01-402-0230 | O-Ring                      | 22      | 41       | 1    |
| 01-304-0860 | Rotor Set                | 23      | 24       | 1    | 01-402-0230 | O-Ring                      | 3       | 4        | 1    |
| 01-304-0870 | Bolt Set                 | 23      | 25       | 1    | 01-402-0240 | O-Ring                      | 25      | 16       | 1    |
| 01-304-0880 | Shaft Key                | 23      | 27       | 1    | 01-402-0470 | O-Ring                      | 25      | 12       | 2    |
| 01-304-0890 | Slotted Nut              | 23      | 22       | 1    | 01-402-0480 | O-Ring                      | 25      | 49       | 1    |
| 01-305-0020 | Sundstrand Pump          | 21      | 2        | 1    | 01-405-0370 | Seal                        | 14      | 14       | 1    |
| 01-305-0020 | Sundstrand Pump          | 3       | 3        | 1    | 01-405-0400 | Shaft Seal                  | 25      | 2        | 1    |
| 01-305-0080 | Seal Kit                 | 21      | *        | 1    | 01-405-0460 | Seal                        | 15      | 31       | 2    |
| 01-305-0080 | Seal Kit                 | 3       | *        | 1    | 01-451-0010 | Pipe Plug                   | 1       | 13       | 1    |
| 01-305-0090 | Cessna Pump              | 21      | 1        | 1    | 01-455-0020 | Fitting                     | 21      | 18       | 1    |
| 01-305-0090 | Cessna Pump              | 3       | 20       | 1    | 01-455-0080 | Fitting                     | 21      | 24       | 1    |
| 01-305-0120 | Drive Shaft              | 25      | 7        | 1    | 01-455-0100 | Elbow                       | 1       | 12       | 1    |
| 01-305-0540 | Pump Bolt                | 25      | 60       | 2    | 01-506-0040 | Decal - Danger              | 12      | 8        | 1    |
| 01-305-0600 | Seal Kit                 | 21      | *        | 1    | 01-506-0050 | Decal - Danger              | 7       | 21       | 1    |
| 01-305-0600 | Seal Kit                 | 3       | *        | 1    | 01-506-0060 | Decal - Danger              | 19      | 15       | 2    |
| 01-308-0050 | Valve                    | 2       | 36       | 2    | 01-506-0070 | Decal - Danger              | 18      | 13       | 1    |
| 01-308-0050 | Valve                    | 21      | 30       | 2    | 01-506-0080 | Decal - Danger              | 4       | 15       | 2    |
| 01-308-0130 | Seal Kit                 | 2       | *        | 1    | 01-506-0090 | Decal - Danger              | 2       | 28       | 1    |
| 01-308-0130 | Seal Kit                 | 21      | *        | 1    | 01-506-0170 | Decal - Hopper Door/Lift    | 2       | 26       | 1    |
| 01-308-0130 | Valve Repair Kit         | 26      | *        | 1    | 01-506-0460 | Decal - Gas Only            | 4       | 13       | 1    |
| 01-308-0140 | Spring Centered Kit      | 26      | *        | 1    | 01-506-0510 | Decal - Toro                | 18      | 12       | 1    |
| 01-308-0150 | Detent Kit               | 26      | *        | 1    | 01-506-0530 | Decal - Toro                | 19      | 16       | 1    |
| 01-308-0180 | Tow Valve Assembly       | 25      | 42       | 1    | 01-506-0540 | Decal - No Riders           | 4       | 14       | 1    |
| 01-308-0190 | Lever                    | 26      | 5        | 1    | 01-506-0560 | Decal - Hydraulic Oil       | 2       | 30       | 1    |
| 01-308-0200 | Relief Valve Assembly    | 25      | 33       | 2    | 01-506-0570 | Decal - Traction Pedal      | 2       | 27       | 1    |
| 01-308-1170 | Pin                      | 26      | 7        | 2    | 01-506-0720 | Decal - Turf Sweeper 4800HL | 18      | 14       | 2    |
| 01-310-0040 | Fitting                  | 21      | 28       | 1    | 01-506-0980 | Decal - Parking Brake       | 2       | 29       | 1    |
| 01-312-0190 | Hose Assembly            | 21      | 33       | 2    | 01-600-0050 | Battery Cable               | 3       | *        | 1    |
| 01-312-0200 | Hose Assembly            | 22      | 36       | 1    | 01-600-0190 | Battery Cable               | 3       | *        | 1    |
| 01-312-0280 | Hose Assembly            | 22      | 37       | 2    | 01-650-0160 | All Thread                  | 12      | 2        | 2    |
| 01-312-0840 | Hose Assembly            | 21      | 34       | 1    | 01-650-0280 | All Thread                  | 13      | 4        | 1    |
| 01-312-1260 | Hose Assembly            | 21      | 4        | 2    | 01-650-0420 | All Thread                  | 13      | 2        | 2    |
| 01-312-1420 | Hose Assembly            | 22      | 39       | 2    | 02-250-0020 | Rod End Bearing             | 7       | 6        | 1    |
| 01-312-1430 | Hose Assembly            | 22      | 38       | 2    | 2412-133    | R-Clamp                     | 18      | 23       | 2    |
| 01-312-1710 | Hose Assembly            | 21      | 15       | 1    | 321-4       | Capscrew - Hex Hd.          | 18      | 25       | 2    |
| 01-314-0020 | Hydraulic Brake Hose     | 16      | 35       | 1    | 321-6       | Capscrew - Hex Hd.          | 3       | 14       | 7    |
| 01-314-0070 | Brake Line Clip          | 16      | 36       | 1    | 32103-3     | Wing Nut                    | 17      | 31       | 1    |
| 01-314-0290 | Hydraulic Brake Cylinder | 15      | 12       | 1    | 32121-12    | Roll Pin                    | 5       | 14       | 1    |
| 01-314-0300 | Hydraulic Brake Assembly | 15      | 25       | 1    | 3217-11     | Hex Nut                     | 11      | 9        | 1    |

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| 3217-11  | Hex Nut            | 8       | 15       | 3    | 323-7    | Capscrew - Hex Hd. | 4       | 8        | 2    |
| 3217-12  | Hex Nut            | 17      | 24       | 2    | 323-8    | Capscrew - Hex Hd. | 10      | 10       | 2    |
| 3217-24  | Hex Nut            | 9       | 14       | 3    | 323-8    | Capscrew - Hex Hd. | 6       | 16       | 1    |
| 3217-5   | Hex Nut            | 18      | 28       | 2    | 323-9    | Capscrew - Hex Hd. | 15      | 2        | 1    |
| 3217-5   | Hex Nut            | 3       | 17       | 7    | 323-9    | Capscrew - Hex Hd. | 17      | 6        | 8    |
| 3217-6   | Hex Nut            | 15      | 15       | 5    | 3230-2   | Carriage Bolt      | 16      | 43       | 1    |
| 3217-6   | Hex Nut            | 18      | 5        | 8    | 3231-10  | Carriage Bolt      | 17      | 11       | 1    |
| 3217-6   | Hex Nut            | 2       | 35       | 4    | 3231-2   | Carriage Bolt      | 18      | 20       | 6    |
| 3217-7   | Hex Nut            | 1       | 11       | 13   | 325-12   | Capscrew - Hex Hd. | 1       | 15       | 8    |
| 3217-7   | Hex Nut            | 10      | 13       | 2    | 325-5    | Capscrew - Hex Hd. | 7       | 5        | 1    |
| 3217-7   | Hex Nut            | 11      | 12       | 4    | 325-6    | Capscrew - Hex Hd. | 14      | 9        | 3    |
| 3217-7   | Hex Nut            | 12      | 4        | 14   | 325-6    | Capscrew - Hex Hd. | 15      | 23       | 2    |
| 3217-7   | Hex Nut            | 14      | 26       | 7    | 325-6    | Capscrew - Hex Hd. | 17      | 2        | 6    |
| 3217-7   | Hex Nut            | 15      | 6        | 3    | 325-7    | Capscrew - Hex Hd. | 10      | 5        | 2    |
| 3217-7   | Hex Nut            | 18      | 7        | 19   | 325-7    | Capscrew - Hex Hd. | 19      | 3        | 2    |
| 3217-7   | Hex Nut            | 20      | 6        | 16   | 325-7    | Capscrew - Hex Hd. | 6       | 6        | 2    |
| 3217-7   | Hex Nut            | 3       | 12       | 8    | 325-8    | Capscrew - Hex Hd. | 19      | 9        | 4    |
| 3217-7   | Hex Nut            | 4       | 11       | 6    | 3253-3   | Lock Washer        | 18      | 27       | 2    |
| 3217-7   | Hex Nut            | 5       | 6        | 4    | 3253-3   | Lock Washer        | 3       | 16       | 7    |
| 3217-7   | Hex Nut            | 6       | 19       | 1    | 3253-4   | Lock Washer        | 15      | 14       | 3    |
| 3217-7   | Hex Nut            | 7       | 9        | 5    | 3253-4   | Lock Washer        | 18      | 4        | 8    |
| 3217-7   | Hex Nut            | 8       | 10       | 2    | 3253-4   | Lock Washer        | 2       | 34       | 4    |
| 3217-7   | Hex Nut            | 9       | 10       | 2    | 3253-5   | Lock Washer        | 1       | 8        | 5    |
| 3217-8   | Hex Nut            | 13      | 5        | 11   | 3253-5   | Lock Washer        | 10      | 12       | 2    |
| 3217-8   | Hex Nut            | 15      | 28       | 4    | 3253-5   | Lock Washer        | 14      | 19       | 3    |
| 3217-9   | Hex Nut            | 1       | 17       | 8    | 3253-5   | Lock Washer        | 15      | 20       | 2    |
| 3217-9   | Hex Nut            | 10      | 8        | 2    | 3253-5   | Lock Washer        | 17      | 13       | 7    |
| 3217-9   | Hex Nut            | 11      | 17       | 3    | 3253-5   | Lock Washer        | 18      | 6        | 19   |
| 3217-9   | Hex Nut            | 14      | 12       | 3    | 3253-5   | Lock Washer        | 20      | 5        | 16   |
| 3217-9   | Hex Nut            | 15      | 9        | 4    | 3253-5   | Lock Washer        | 3       | 11       | 10   |
| 3217-9   | Hex Nut            | 17      | 5        | 6    | 3253-5   | Lock Washer        | 3       | 19       | 4    |
| 3217-9   | Hex Nut            | 19      | 5        | 6    | 3253-5   | Lock Washer        | 4       | 10       | 2    |
| 3217-9   | Hex Nut            | 6       | 9        | 2    | 3253-5   | Lock Washer        | 6       | 18       | 1    |
| 3218-3   | Jam Nut            | 15      | 7        | 1    | 3253-5   | Lock Washer        | 8       | 9        | 2    |
| 3218-3   | Jam Nut            | 8       | 20       | 2    | 3253-5   | Lock Washer        | 9       | 9        | 2    |
| 3218-4   | Jam Nut            | 13      | 7        | 2    | 3253-6   | Lock Washer        | 13      | 8        | 1    |
| 3218-5   | Jam Nut            | 15      | 10       | 3    | 3253-6   | Lock Washer        | 15      | 27       | 4    |
| 3218-5   | Jam Nut            | 19      | 8        | 4    | 3253-7   | Lock Washer        | 1       | 16       | 8    |
| 3218-6   | Jam Nut            | 8       | 5        | 1    | 3253-7   | Lock Washer        | 10      | 7        | 2    |
| 3218-6   | Jam Nut            | 9       | 6        | 1    | 3253-7   | Lock Washer        | 14      | 11       | 3    |
| 3218-7   | Jam Nut            | 17      | 17       | 10   | 3253-7   | Lock Washer        | 16      | 41       | 2    |
| 3219-3   | Hex Nut            | 5       | 9        | 1    | 3253-7   | Lock Washer        | 17      | 4        | 6    |
| 3219-9   | Hex Nut            | 17      | 20       | 9    | 3253-7   | Lock Washer        | 19      | 7        | 6    |
| 322-12   | Capscrew - Hex Hd. | 2       | 32       | 4    | 3253-7   | Lock Washer        | 6       | 8        | 2    |
| 322-3    | Capscrew - Hex Hd. | 18      | 2        | 8    | 3253-7   | Lock Washer        | 7       | 4        | 1    |
| 322-5    | Capscrew - Hex Hd. | 15      | 16       | 1    | 3253-8   | Lock Washer        | 11      | 8        | 1    |
| 322-6    | Capscrew - Hex Hd. | 15      | 13       | 2    | 3253-8   | Lock Washer        | 8       | 4        | 1    |
| 3220-3   | Jam Nut            | 5       | 8        | 2    | 3253-8   | Lock Washer        | 9       | 5        | 1    |
| 3220-3   | Jam Nut            | 7       | 7        | 3    | 3256-2   | Flat Washer        | 18      | 26       | 2    |
| 3220-7   | Jam Nut            | 14      | 7        | 1    | 3256-2   | Flat Washer        | 3       | 15       | 7    |
| 323-10   | Capscrew - Hex Hd. | 1       | 3        | 4    | 3256-2   | Flat Washer        | 5       | 15       | 2    |
| 323-10   | Capscrew - Hex Hd. | 3       | 9        | 10   | 3256-26  | "SAE" Flat Washer  | 17      | 30       | 8    |
| 323-11   | Capscrew - Hex Hd. | 14      | 28       | 3    | 3256-26  | "SAE" Flat Washer  | 7       | 3        | 1    |
| 323-11   | Capscrew - Hex Hd. | 8       | 17       | 1    | 3256-27  | "SAE" Flat Washer  | 8       | 3        | 1    |
| 323-6    | Capscrew - Hex Hd. | 1       | 19       | 3    | 3256-27  | "SAE" Flat Washer  | 9       | 4        | 1    |
| 323-6    | Capscrew - Hex Hd. | 15      | 19       | 2    | 3256-28  | "SAE" Flat Washer  | 14      | 21       | 1    |
| 323-6    | Capscrew - Hex Hd. | 20      | 3        | 6    | 3256-3   | Flat Washer        | 18      | 3        | 8    |
| 323-6    | Capscrew - Hex Hd. | 3       | 6        | 2    | 3256-3   | Flat Washer        | 2       | 33       | 4    |
| 323-6    | Capscrew - Hex Hd. | 8       | 8        | 2    | 3256-3   | Flat Washer        | 5       | 17       | 2    |
| 323-6    | Capscrew - Hex Hd. | 9       | 8        | 2    | 3256-4   | Flat Washer        | 1       | 9        | 5    |
| 323-7    | Capscrew - Hex Hd. | 18      | 22       | 8    | 3256-4   | Flat Washer        | 10      | 11       | 2    |
| 323-7    | Capscrew - Hex Hd. | 3       | 5        | 2    | 3256-4   | Flat Washer        | 11      | 14       | 3    |

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| 3256-4      | Flat Washer                  | 12      | 5        | 22   | 48-004-4831 | Hose Bracket                 | 17      | 22       | 2    |
| 3256-4      | Flat Washer                  | 17      | 12       | 1    | 48-004-4921 | Hose Assembly                | 21      | 10       | 1    |
| 3256-4      | Flat Washer                  | 18      | 11       | 16   | 48-004-4931 | Hose Assembly                | 21      | 23       | 1    |
| 3256-4      | Flat Washer                  | 20      | 8        | 10   | 48-004-5071 | Key                          | 3       | 25       | 1    |
| 3256-4      | Flat Washer                  | 3       | 10       | 24   | 48-004-5131 | PVK80 Rubber                 | 4       | 7        | 2    |
| 3256-4      | Flat Washer                  | 4       | 9        | 12   | 48-004-5201 | Side Flap-R.H.               | 20      | *        | 1    |
| 3256-4      | Flat Washer                  | 5       | 3        | 9    | 48-004-5211 | L.H. Rubber Flap Mount       | 20      | 11       | 1    |
| 3256-4      | Flat Washer                  | 6       | 17       | 1    | 48-004-5221 | R.H. Rubber Flap Mount       | 20      | *        | 1    |
| 3256-4      | Flat Washer                  | 7       | 11       | 3    | 48-004-5231 | Front Flap Mount             | 20      | 2        | 1    |
| 3256-4      | Flat Washer                  | 8       | 19       | 1    | 48-004-5241 | Front Rubber Flap            | 20      | 1        | 1    |
| 3256-4      | Flat Washer                  | 15      | 3        | 2    | 48-004-5451 | Hopper Floor Seal            | 18      | 19       | 1    |
| 3256-42     | Flat Washer                  | 19      | 13       | 2    | 48-004-5461 | Engine Spacer                | 3       | 27       | 1    |
| 3256-5      | Flat Washer                  | 13      | 6        | 8    | 48-004-5471 | Engine Spacer                | 3       | 26       | 1    |
| 3256-5      | Flat Washer                  | 7       | 19       | 3    | 48-004-5501 | Belt Slip Bracket            | 12      | 1        | 1    |
| 3256-6      | Flat Washer                  | 10      | 6        | 2    | 48-004-5511 | Front Flap Spacer            | 20      | 4        | 3    |
| 3256-6      | Flat Washer                  | 11      | 18       | 2    | 48-004-5521 | Cessna Pump Spacer           | 3       | 8        | 1    |
| 3256-6      | Flat Washer                  | 14      | 10       | 3    | 48-004-5841 | Reel Plate Spacer            | 8       | 2        | 1    |
| 3256-6      | Flat Washer                  | 15      | 11       | 6    | 48-004-5841 | Reel Plate Spacer            | 9       | 3        | 1    |
| 3256-6      | Flat Washer                  | 17      | 3        | 4    | 48-004-5871 | Side Flap-L.H.               | 20      | 10       | 1    |
| 3256-6      | Flat Washer                  | 19      | 4        | 20   | 48-004-6091 | Rubber Flap Stopper          | 20      | 7        | 3    |
| 3256-6      | Flat Washer                  | 6       | 7        | 2    | 48-004-6101 | Hopper Box Spacer            | 19      | 6        | 4    |
| 3256-6      | Flat Washer                  | 8       | 12       | 6    | 48-004-6161 | Rubber Flap Mount            | 18      | 18       | 1    |
| 3256-6      | Flat Washer                  | 9       | 12       | 5    | 48-004-6191 | Hopper Flap                  | 18      | 21       | 1    |
| 3256-7      | Flat Washer                  | 11      | 6        | 3    | 48-004-6212 | Engine Adaptor               | 3       | 18       | 1    |
| 327-14      | Capscrew - Hex Hd.           | 11      | 4        | 1    | 48-004-6241 | Brake Stop Plate             | 15      | 18       | 1    |
| 327-6       | Capscrew - Hex Hd.           | 8       | 6        | 1    | 48-004-6261 | Fuel Line                    | 4       | 6        | 1    |
| 327-6       | Capscrew - Hex Hd.           | 9       | 2        | 1    | 48-004-6282 | Wet Leaf Deflector           | 18      | 9        | 1    |
| 3272-11     | Cotter Pin                   | 5       | 16       | 2    | 48-004-6311 | Hopper Box Spacer            | 19      | 17       | 2    |
| 3272-21     | Cotter Pin                   | 11      | 3        | 1    | 48-004-6391 | Flywheel Guard               | 3       | 13       | 1    |
| 3272-23     | Cotter Pin                   | 15      | 34       | 1    | 48-004-6441 | Flywheel Guard               | 3       | 2        | 1    |
| 3272-23     | Cotter Pin                   | 6       | 14       | 3    | 48-004-6591 | Hopper Pivot Adj. Bracket-LH | 18      | *        | 1    |
| 3272-23     | Cotter Pin                   | 7       | 17       | 1    | 48-004-6631 | Break Pedal Stop             | 16      | 42       | 1    |
| 3272-25     | Cotter Pin                   | 14      | 23       | 1    | 48-005-0121 | Spring Tension Adjustment    | 11      | 10       | 1    |
| 328-23      | Capscrew - Hex Hd.           | 17      | 14       | 2    | 48-005-0131 | Front Reel Assembly          | 10      | 2        | 1    |
| 3296-22     | Lock Nut                     | 1       | 5        | 2    | 48-005-0131 | Front Reel Assembly          | 6       | 2        | 1    |
| 3296-22     | Lock Nut                     | 11      | 11       | 1    | 48-005-0162 | Idler Cover                  | 7       | 18       | 1    |
| 3296-22     | Lock Nut                     | 17      | 27       | 2    | 48-005-0191 | Idler Shaft Assembly         | 7       | 1        | 1    |
| 3296-48     | Lock Nut                     | 7       | 20       | 3    | 48-005-0201 | Rear Reel Assembly           | 10      | 1        | 1    |
| 48-002-0101 | Breather Cap                 | 21      | 19       | 1    | 48-005-0201 | Rear Reel Assembly           | 6       | 1        | 1    |
| 48-002-5441 | Idler Sprocket Assembly      | 6       | *        | 1    | 48-005-0222 | Handle                       | 8       | 16       | 1    |
| 48-002-5441 | Idler Sprocket Assembly      | 7       | *        | 1    | 48-005-0231 | Reel Lift Rod Assembly-L.H.  | 8       | 14       | 1    |
| 48-004-1211 | Belt Slip Pin                | 12      | 6        | 2    | 48-005-0241 | Pump Control Arm Assembly    | 5       | 10       | 1    |
| 48-004-1282 | Steering Yoke Gear           | 14      | 27       | 1    | 48-005-0292 | Dust Shield Assembly         | 18      | 8        | 1    |
| 48-004-1711 | Idler Spring Rod             | 11      | 13       | 1    | 48-005-0322 | Belt Guard                   | 12      | 7        | 1    |
| 48-004-1751 | Air Deflector                | 1       | 18       | 1    | 48-005-0322 | Belt Guard                   | 13      | 1        | 1    |
| 48-004-1861 | Hose Hold Down Bracket       | 13      | 3        | 2    | 48-005-0331 | Hopper Door Cyl. Pin         | 19      | 11       | 1    |
| 48-004-1931 | Key                          | 6       | 12       | 2    | 48-005-0341 | Hopper Door Cyl. Pin         | 19      | 10       | 1    |
| 48-004-1961 | Key                          | 14      | 6        | 1    | 48-005-0352 | Main Lift Arm                | 17      | 1        | 1    |
| 48-004-2101 | Spacer                       | 12      | 3        | 2    | 48-005-0371 | Lower Pivot Assembly         | 17      | 21       | 2    |
| 48-004-2601 | Spring Rod                   | 5       | 11       | 1    | 48-005-0381 | Upper Pivot Arm Bracket      | 17      | 19       | 2    |
| 48-004-3001 | Door Linkage-Upper           | 19      | 2        | 2    | 48-005-0432 | Reel Lift Assembly           | 8       | 7        | 1    |
| 48-004-3052 | Upper Arm                    | 17      | 18       | 2    | 48-005-0432 | Reel Lift Assembly           | 9       | 7        | 1    |
| 48-004-3131 | Pump Support                 | 3       | 7        | 1    | 48-005-0462 | Seat Mount                   | 1       | 2        | 1    |
| 48-004-3431 | Hose Hold Down Bracket       | 1       | 10       | 2    | 48-005-0513 | Hopper                       | 18      | 1        | 1    |
| 48-004-3441 | Spacer                       | 17      | 15       | 2    | 48-005-0561 | Cylinder Safety Stop         | 17      | 10       | 1    |
| 48-004-3471 | Spacer                       | 11      | 5        | 1    | 48-005-0571 | Cylinder Adj. Pivot          | 17      | 25       | 1    |
| 48-004-3831 | Battery Hold Down            | 4       | 12       | 1    | 48-005-0591 | Reel Lift Tube Assembly      | 8       | 11       | 1    |
| 48-004-3881 | Spacer                       | 7       | 2        | 1    | 48-005-0591 | Reel Lift Tube Assembly      | 9       | 15       | 3    |
| 48-004-3891 | Idler Spring Rod             | 7       | 10       | 1    | 48-005-0602 | High Lift Hopper Door        | 19      | 1        | 1    |
| 48-004-4461 | Hopper Pivot Adj. Bracket-RH | 18      | 29       | 1    | 48-005-0611 | Idler Arm                    | 11      | 1        | 1    |
| 48-004-4641 | Peep Hole Cover              | 18      | 17       | 1    | 48-005-0621 | Foot Pedal                   | 5       | 1        | 1    |
| 48-004-4651 | Sector Spacer                | 14      | 16       | 3    | 48-005-0641 | Tow Valve Handle             | 21      | 12       | 1    |

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| 48-005-0641 | Tow Valve Handle            | 3       | *        | 1    | 54-002-0011 | Steering Column Assembly | 14      | *        | 1    |
| 48-005-0671 | Brake Pedal                 | 15      | 1        | 1    | 54-004-0941 | Reel Chain               | 6       | 27       | 1    |
| 48-005-0692 | Reel Plate Assembly-R.H.    | 10      | 3        | 1    | 54-004-1241 | Brake Shoe Bracket       | 15      | 26       | 1    |
| 48-005-0692 | Reel Plate Assembly-R.H.    | 9       | 1        | 1    | 54-004-1501 | Steering Shaft           | 14      | 3        | 1    |
| 48-005-0702 | Reel Plate Assembly-L.H.    | 6       | 4        | 1    | 54-005-0242 | Steering Yoke Assembly   | 14      | 13       | 1    |
| 48-005-0702 | Reel Plate Assembly-L.H.    | 8       | 1        | 1    | 54-005-0251 | Axle                     | 15      | 22       | 1    |
| 48-005-0712 | Gas Tank                    | 4       | 1        | 1    | 54-005-0261 | Brake Mount              | 15      | 21       | 1    |
| 48-005-0774 | Main Frame                  | 1       | 1        | 1    | 54-005-0282 | Front Wheel              | 15      | 24       | 1    |
| 48-005-0781 | Brake Stop Weldment         | 15      | 5        | 1    | 54-005-1521 | Steering Column Assembly | 14      | 2        | 1    |
| 48-005-5781 | Reel Lift Rod Assembly-R.H. | 9       | 11       | 1    | 66-004-3211 | Key                      | 10      | 16       | 1    |
| 48-005-5961 | Muffler                     | 3       | 28       | 1    | 74-0720     | Manual Tube              | 18      | 24       | 1    |
| 48-005-8231 | Control Rod                 | 5       | 5        | 1    | 82-004-1171 | Key                      | 10      | 19       | 1    |

## 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 an Authorized Service Dealer for information and part numbers.

## IDENTIFICATION & ORDERING

### MODEL AND NUMBERS

The TURF SWEEPER 4800HL has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the seat bracket. In any correspondence concerning the 4800HL, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from your TORO Distributor or an Authorized Service Dealer, supply the following information:

1. Model and serial number of the 4800HL.
2. Part number description and the quantity of part (s) desired.

NOTE: Do not order by reference number if a parts catalog is being used: use the PART NUMBER.

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