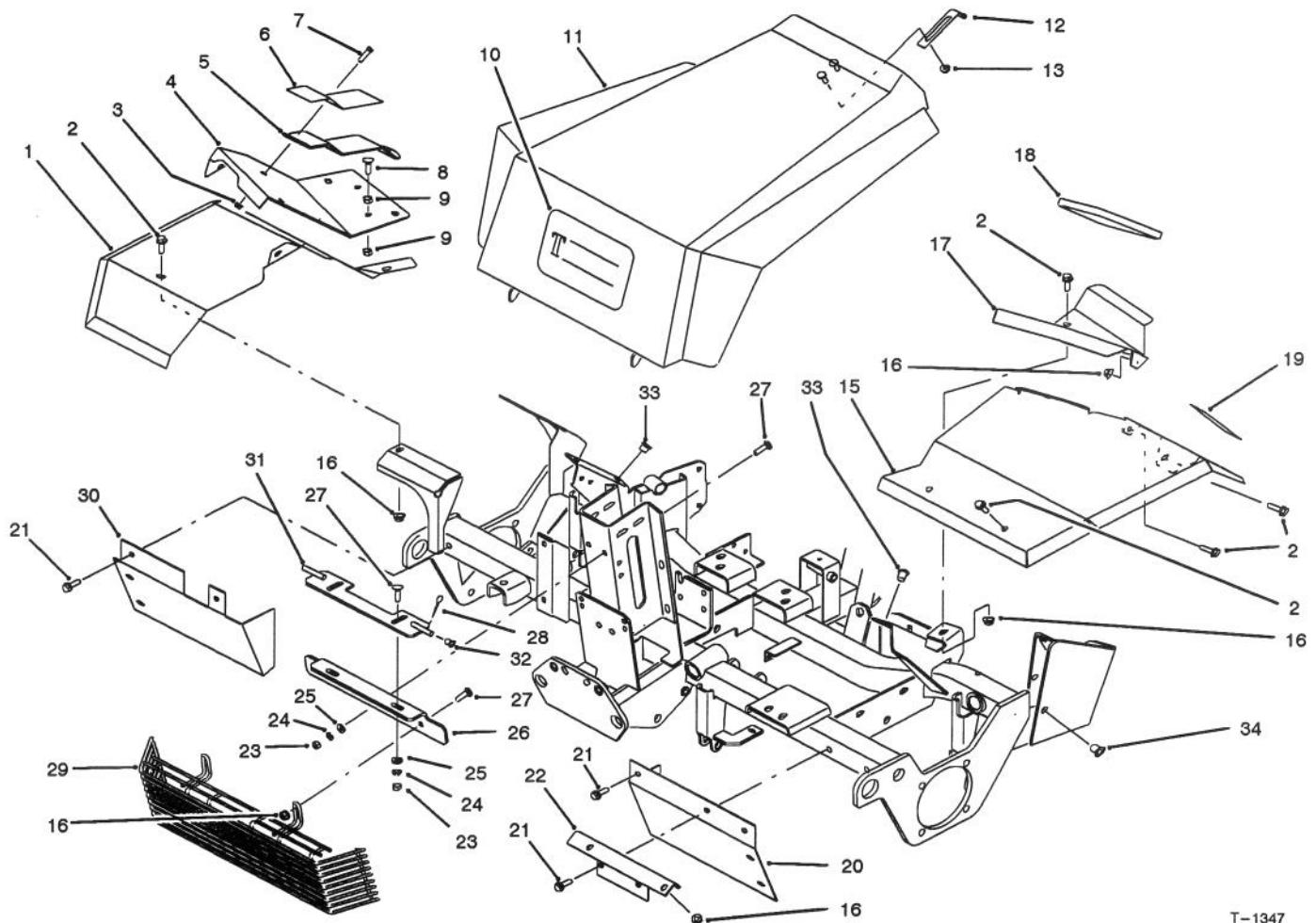




MODEL NO. 03425-20592 &amp; UP

**PARTS  
CATALOG**
**REELMASTER® 216-D 3wd  
TRACTION UNIT WITH ACCESSORIES**


T-1347

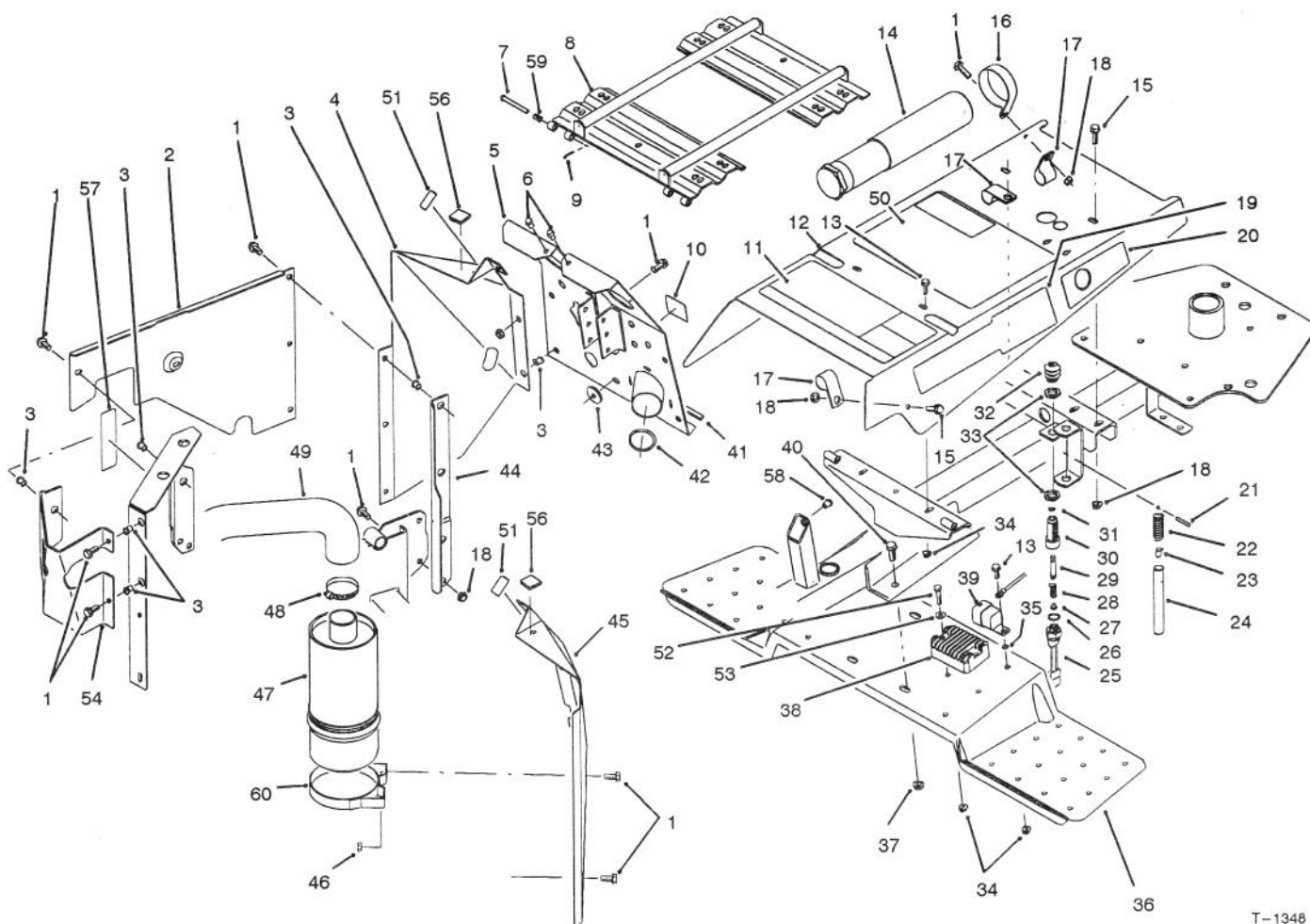
**HOOD & GRILLE ASSEMBLY**

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 1        | 83-9720  | Fender - R.H.           | 1        |
| 2        | 3234-5   | Screw - Hex. Washer Hd. | 14       |
| 3        | 32128-33 | Nut - Flange Lock       | 2        |
| 4        | 83-9740  | Footrest - R.H.         | 1        |
| 5        | 76-2200  | Footrest - Traction     | 1        |
| 6        | 76-2260  | Pad - Footrest Traction | 1        |
| 7        | 3229-1   | Screw - Carriage        | 2        |
| 8        | 3230-27  | Screw - Carriage        | 1        |
| 9        | 3218-2   | Nut - Hex.              | 2        |
| 10       | 62-7400  | Decal - TORO            | 1        |
| 11       | 83-7950  | Hood                    | 1        |
| 12       | 83-9970  | Latch - Hood            | 1        |
| 13       | 32128-14 | Nut - Flange Lock       | 2        |
| 15       | 83-9700  | Fender - L.H.           | 1        |
| 16       | 32128-44 | Nut - Flange Lock       | 13       |
| 17       | 83-9710  | Footrest - L.H.         | 1        |
| 18       | 83-9840  | Pad - Footrest L.H.     | 1        |

| Ref. No. | Part No. | Description               | No. Used |
|----------|----------|---------------------------|----------|
| †19      | 84-1650  | Decal - Brake             | 1        |
| 20       | 83-9800  | Shield - Grass Front L.H. | 1        |
| 21       | 32104-82 | Screw - Hex. Washer Hd.   | 5        |
| 22       | 83-8510  | Bracket - Fender L.H.     | 1        |
| 23       | 3217-6   | Nut - Hex.                | 4        |
| 24       | 3253-4   | Washer - Lock             | 4        |
| 25       | 3256-23  | Washer - Flat             | 4        |
| 26       | 85-4870  | Support - Hinge           | 1        |
| 27       | 3230-23  | Screw - Carriage          | 6        |
| 28       | 3290-467 | Pin - Cotter Hair         | 2        |
| 29       | 83-8850  | Grille - Front            | 1        |
| 30       | 83-8860  | Shield - Grass Front R.H. | 1        |
| 31       | 85-4890  | Hinge - Hood              | 1        |
| 32       | 256-320  | Bushing                   | 2        |
| 33       | 32148-7  | Insert - Threaded         | 3        |
| 34       | 32138-8  | Insert - Threaded         | 1        |

†For different language versions of this part, see International Decal Cross Reference.

TPS



T-1348

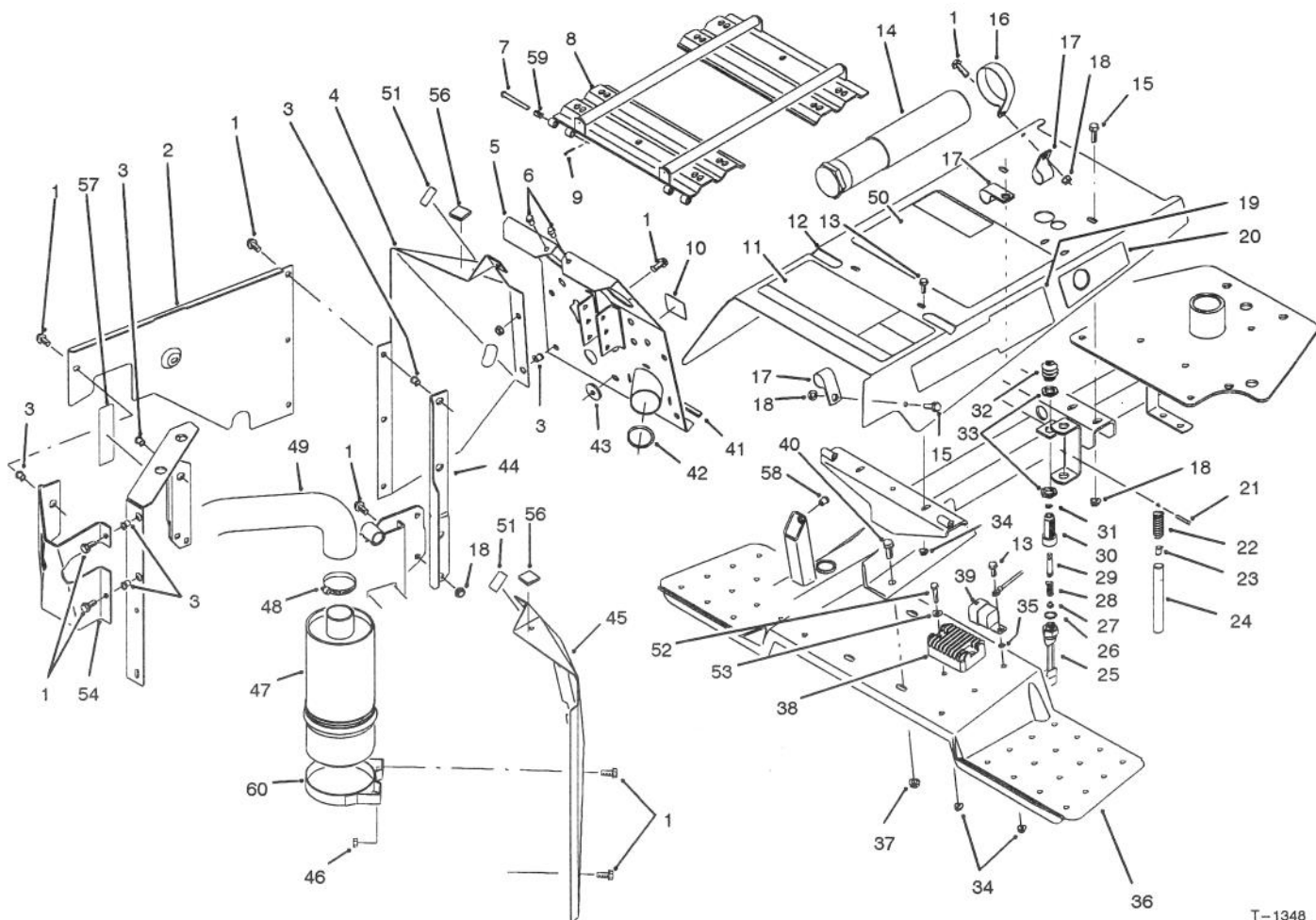
## SKIRT ASSEMBLY

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 1        | 3234-5   | Screw - Hex. Flange Hd.  | 24       |
| 2        | 83-8230  | Panel - Right Front      | 1        |
| 3        | 32148-7  | Insert - Threaded        | 8        |
| 4        | 83-8120  | Panel - Right Rear       | 1        |
| 5        | 83-8190  | Panel - Control          | 1        |
| 6        | 237-37   | Bumper - Rubber          | 2        |
| 7        | 283-49   | Pin - Clevis             | 2        |
| 8        | 76-2670  | Plate - Seat Mounting    | 1        |
| 9        | 3272-4   | Pin - Cotter             | 2        |
| †10      | 83-9150  | Decal - Starting Fluid   | 1        |
| †11      | 83-9550  | Decal - Warning          | 1        |
| 12       | 83-8880  | Panel - Skirt            | 1        |
| 13       | 3234-4   | Screw - Hex. Flange Hd.  | 3        |
| 14       | 74-0720  | Tube - Manual            | 1        |
| 15       | 3234-36  | Screw - Hex. Flange Hd.  | 3        |
| 16       | 2412-133 | Clamp - R                | 2        |
| 17       | 2412-39  | Clamp - R                | 3        |
| 18       | 32128-44 | Nut - Flange Lock        | 10       |
| 19       | 83-8890  | Decal - Reelmaster 216-D | 2        |
| †20      | 80-4220  | Decal - Control          | 1        |
| 21       | 32121-6  | Pin - Roll               | 1        |
| 22       | 37-9590  | Spring - Compression     | 1        |
| 23       | 28-6180  | Pin                      | 1        |
| 24       | 27-9870  | Pin - Seat               | 1        |
| 25       | 72-4320  | Switch - Seat            | 1        |
| 26       | 237-30   | Seal - O-Ring            | 1        |

| Ref. No. | Part No.  | Description                               | No. Used |
|----------|-----------|-------------------------------------------|----------|
| 27       | 43-8610   | Guide - Spring                            | 1        |
| 28       | 43-8600   | Spring - Compression                      | 1        |
| 29       | 43-8860   | Plunger - Switch                          | 1        |
| 30       | 43-8620   | Guide - Pin                               | 1        |
| 31       | 237-7     | Seal - O-Ring                             | 1        |
| 32       | 43-8870   | Boot - Switch                             | 1        |
| 33       | 218-461   | Nut - Hex.                                | 2        |
| 34       | 32128-33  | Nut - Flange Lock                         | 5        |
| 35       | 3255-7    | Washer - ETLW                             | 1        |
| 36       | 83-9730   | Step - Foot                               | 1        |
| 37       | 32128-43  | Nut - Flange Lock                         | 4        |
| †38      | 185516060 | Regulator - Voltage                       | 1        |
| 39       | 63-7590   | Relay                                     | 1        |
| 40       | 3234-11   | Screw - Hex. Flange Hd.                   | 4        |
| 41       | 76-6471   | Trim - Control Panel Bottom               | 1        |
| 42       | 237-71    | Seal - O-Ring                             | 1        |
| 43       | 62-7170   | Spacer                                    | 1        |
| 44       | 83-9170   | Right Channel Assembly<br>(Incl. Ref. #3) | 1        |
| 45       | 83-8110   | Panel - Left                              | 1        |
| 46       | 32128-20  | Nut - Flange Lock                         | 4        |
| 47       | 85-4910   | Air Cleaner Assembly                      | 1        |
| 48       | 2412-92   | Clamp - Hose                              | 1        |
| 49       | 83-8550   | Hose - Air Cleaner                        | 1        |
| †50      | 83-8900   | Decal - Service Information               | 1        |
| 51       | 85-5180   | Trim                                      | 2        |

†Obtain from your Local Perkins Dealer.

‡For different language versions of this part, see International Decal Cross Reference.



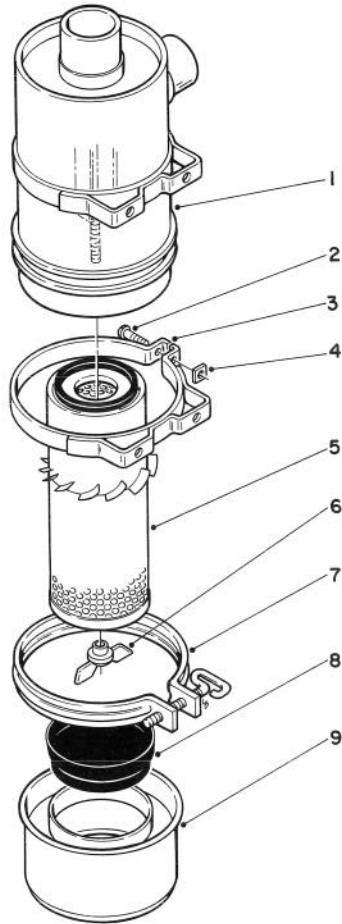
T-1348

## SKIRT ASSEMBLY (Continued)

| Ref. No. | Part No. | Description           | No. Used |
|----------|----------|-----------------------|----------|
| 52       | 321-8    | Screw - Cap Hex. Hd.  | 2        |
| 53       | 3256-22  | Washer - Flat         | 2        |
| 54       | 85-5010  | Bracket - Right Front | 1        |
| 56       | 85-5140  | Foam - Hood           | 2        |
| 57       | 67-5360  | Decal - Danger        | 1        |
| 58       | 32148-8  | Insert - Threaded     | 1        |
| 59       | 80-4130  | Bushing               | 4        |

| Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|---------------------------------------------|----------|
| 60       | 33-1350  | Clamp Assembly<br>(Incl. Ref. #61 & 62)     | 2        |
| *61      | 3258-19  | Screw - Round Hd.                           | 2        |
| *62      | 32107-11 | Nut - Square                                | 2        |
| *        | 43-9071  | Seat Switch Assembly<br>(Incl. Ref. #25-33) | 1        |

\*Not Illustrated

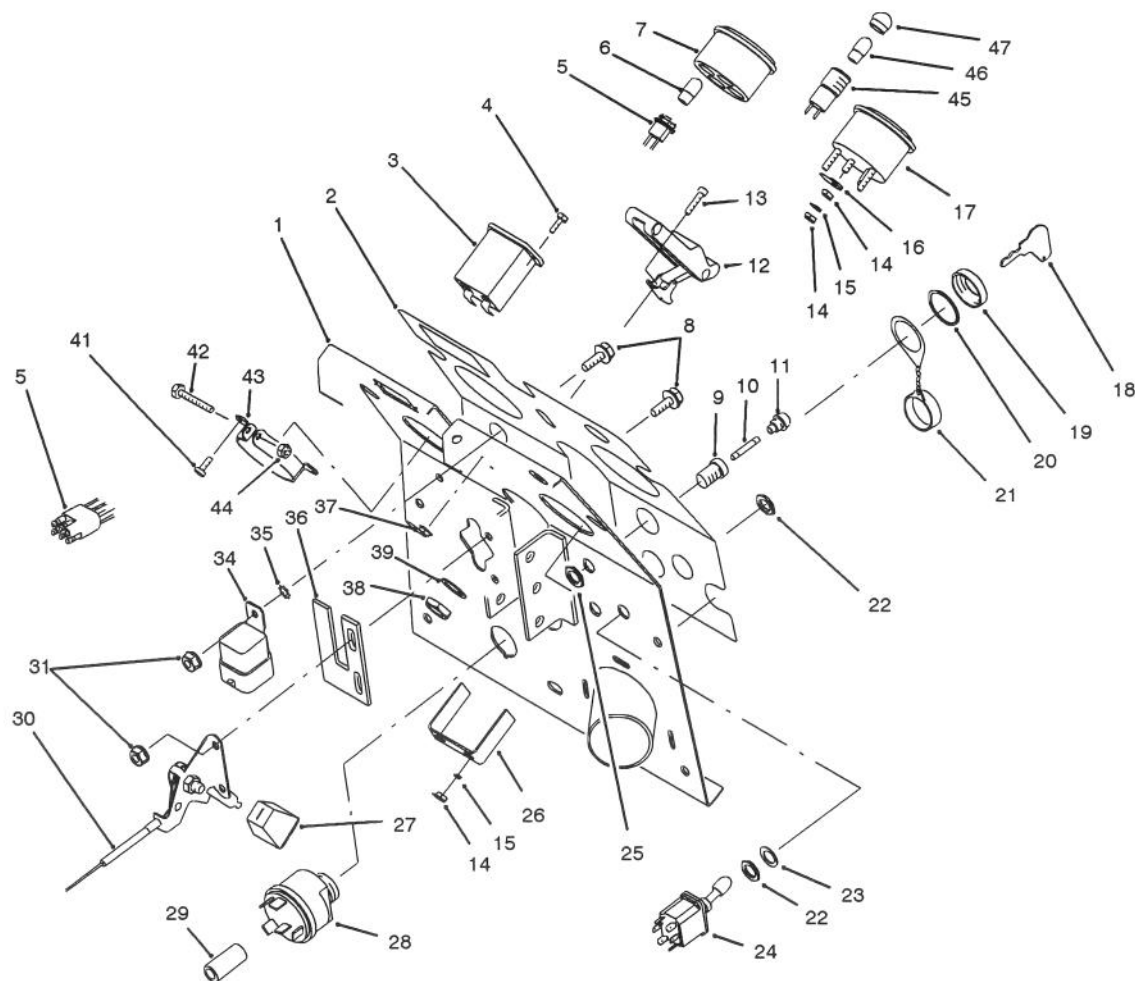


T-1349

## AIR CLEANER ASSEMBLY

| Ref. No. | Part No. | Description                          | No. Used | Ref. No. | Part No. | Description                                     | No. Used |
|----------|----------|--------------------------------------|----------|----------|----------|-------------------------------------------------|----------|
| 1        |          | Body                                 | 1        | 6        | 33-1330  | Nut Assembly                                    | 1        |
| 2        | 3258-19  | Screw - Round Hd.                    | 2        | 7        | 33-1340  | Clamp Assembly                                  | 1        |
| 3        | 33-1350  | Band Assembly<br>(Incl. Ref. #2 & 4) | 2        | 8        | 33-1310  | Baffle                                          | 1        |
| 4        | 32107-11 | Nut - Square                         | 2        | 9        | 33-1320  | Cup                                             | 1        |
| 5        | 33-1300  | Element Assembly                     | 1        | *        | 85-4910  | Air Cleaner (Complete)<br>(Incl. Ref. #1 & 5-9) | 1        |

\*Not Illustrated

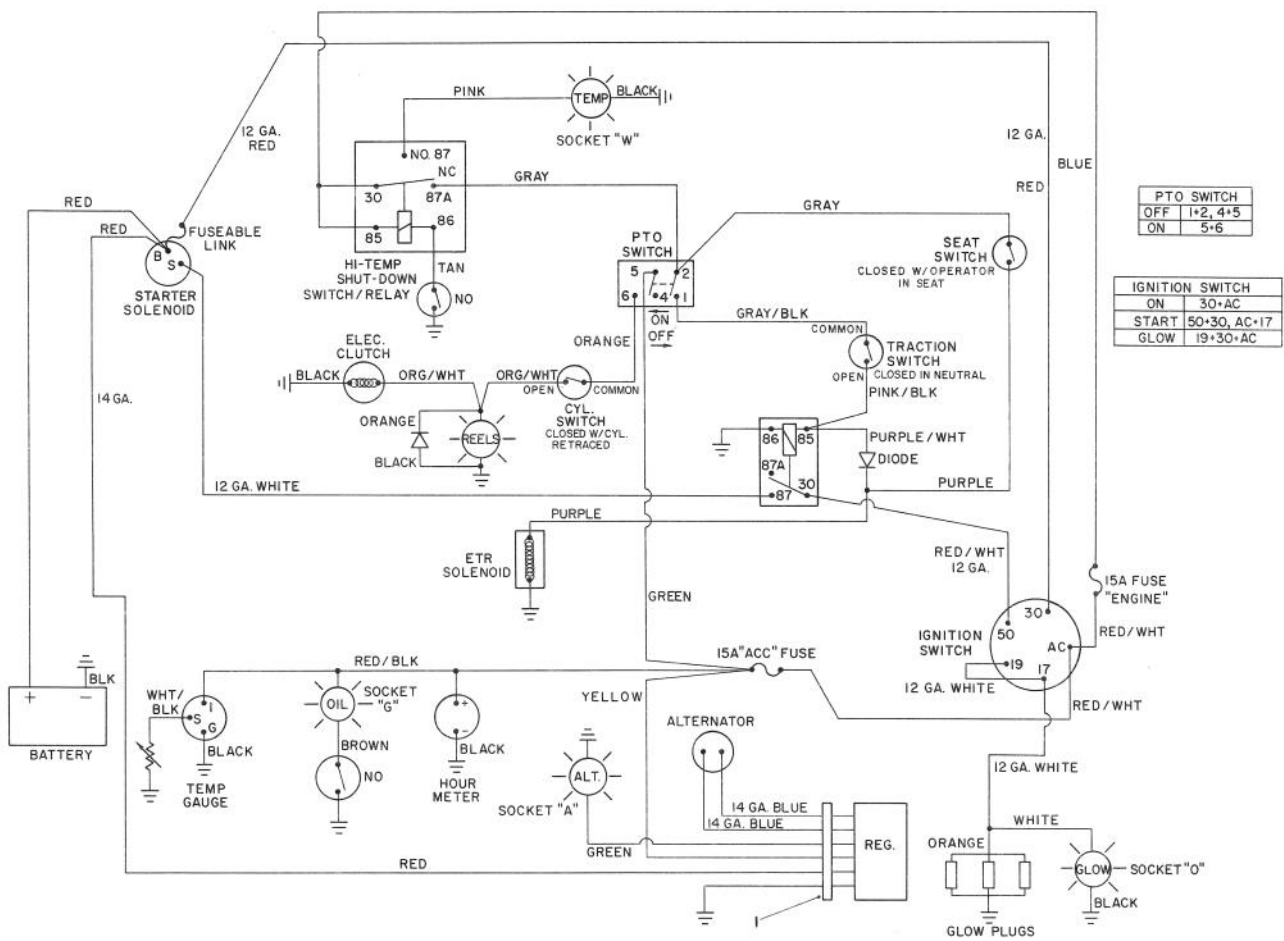


T-1350

## INSTRUMENT PANEL ASSEMBLY

| Ref. No. | Part No.  | Description                                         | No. Used | Ref. No. | Part No.  | Description                                       | No. Used |
|----------|-----------|-----------------------------------------------------|----------|----------|-----------|---------------------------------------------------|----------|
| 1        | 83-8190   | Panel - Instrument                                  | 1        | 24       | 85-4980   | Switch Assembly<br>(Incl. Ref. #22-23)            | 1        |
| 2        | 83-8180   | Decal - Instrument Panel                            | 1        | 25       |           | Nut - Hex.                                        | 2        |
| 3        | 75-6820   | Hourmeter                                           | 1        | 26       |           | Clamp - Gauge                                     | 1        |
| 4        | 32144-18  | Screw - Hex. Hd.                                    | 2        | 27       |           | Knob - Throttle                                   | 1        |
| 5        | 75-4710   | Harness - Warning Light                             | 1        | †28      | 385201160 | Ignition Switch Assembly<br>(Incl. Ref. #18 & 19) | 1        |
| 6        | 219-17    | Bulb - Light                                        | 4        | 29       | 80-7345   | Hose                                              |          |
| 7        | 66-2960   | Cluster - Warning                                   | 1        | 30       | 83-8280   | Throttle Assembly<br>(Incl. Ref. #27)             | 1        |
| 8        | 3234-4    | Screw - Hex. Washer Hd.                             | 3        | 31       | 32128-33  | Nut - Flange Lock                                 | 3        |
| 9        | 218-489   | Fuse Holder Assembly<br>(Incl. Ref. #11 & 25)       | 2        | 34       | 63-7590   | Relay                                             | 1        |
| 10       | 218-469   | Fuse - 15 Amp.                                      | 2        | 35       | 3255-7    | Washer - Lock E.T.L.W.                            | 1        |
| 11       |           | Cap - Fuse Holder                                   | 2        | 36       | 85-5000   | Plate - Throttle                                  | 1        |
| 12       | 80-6980   | Latch - Hood                                        | 1        | 37       | 32149-9   | Nut - Flange Lock                                 | 2        |
| 13       | 3274-90   | Screw - Hex. Socket Hd.                             | 2        | 38       |           | Nut - Hex.                                        | 1        |
| 14       | 3219-14   | Nut - Hex.                                          | 6        | 39       |           | Washer - Flat                                     | 1        |
| 15       | 3253-2    | Washer - Lock                                       | 5        | 41       | 32144-39  | Screw - Pan Hd.                                   | 2        |
| 16       | 3256-14   | Washer - Flat                                       | 2        | 42       | 32105-1   | Screw - Hex. Hd.                                  | 1        |
| 17       | 63-7430   | Temperature Gauge Assy.<br>(Incl. Ref. #14-16 & 26) | 1        | 43       | 69-4780   | Clamp - Light Cluster                             | 1        |
| †18      | 385210060 | Key - Ignition                                      | 2        | 44       | 3296-2    | Nut - Lock                                        | 1        |
| †19      |           | Nut - Retaining                                     | 1        | 45       | 44-2212   | Light Assembly<br>(Incl. Ref. #38-39 & 46-47)     | 1        |
| †20      | 390190030 | Seal - Switch                                       | 1        | 46       | 219-18    | Bulb - Light                                      | 1        |
| †21      | 385800010 | Cover - Switch                                      | 1        | 47       | 218-562   | Lens - Light                                      | 1        |
| 22       | 218-500   | Nut - Hex.                                          | 2        |          |           |                                                   |          |
| 23       | 3254-20   | Washer - Lock                                       | 1        |          |           |                                                   |          |

†Obtain from your local Perkins Dealer.

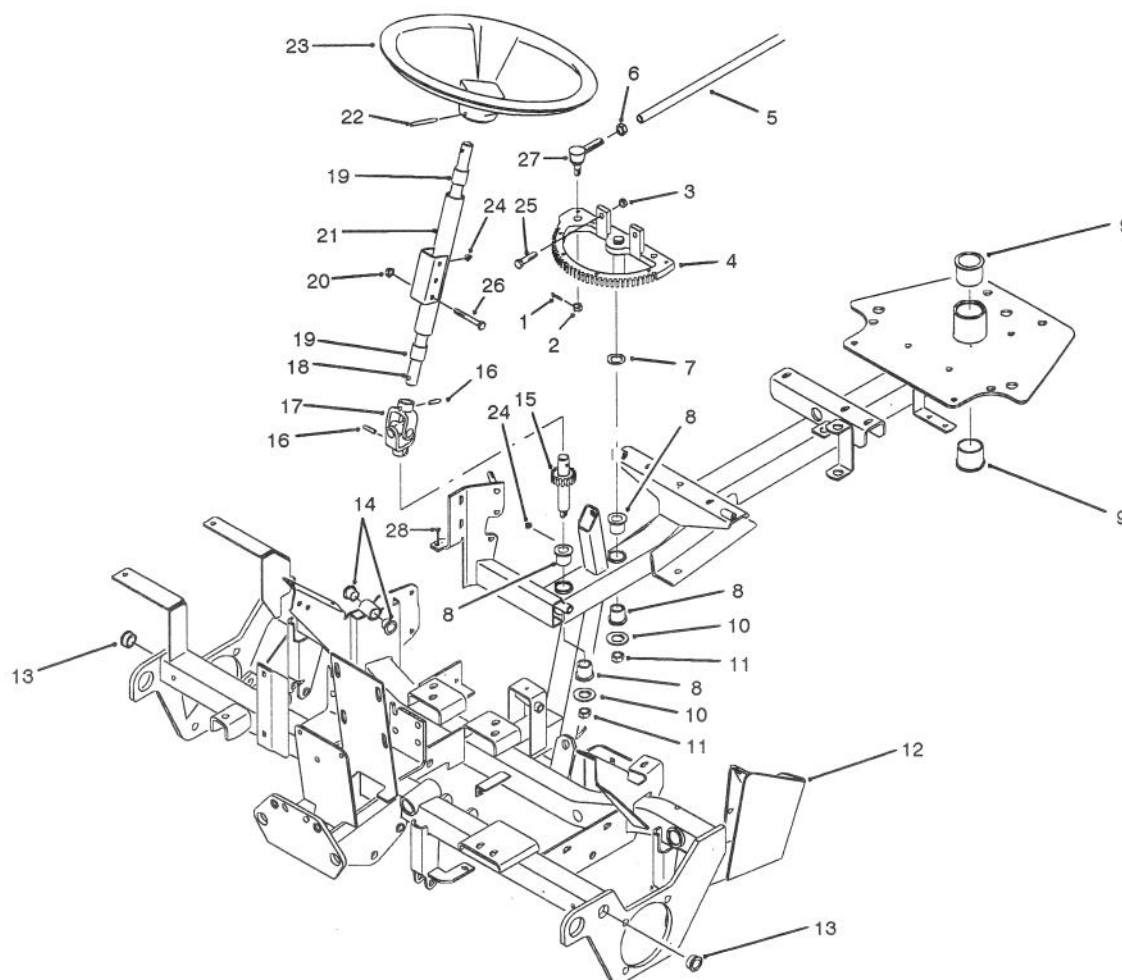


T-1409

## ELECTRICAL SCHEMATIC

| Ref. No. | Part No. | Description    | No. Used |
|----------|----------|----------------|----------|
| 1        | 83-8920  | Harness - Wire | 1        |

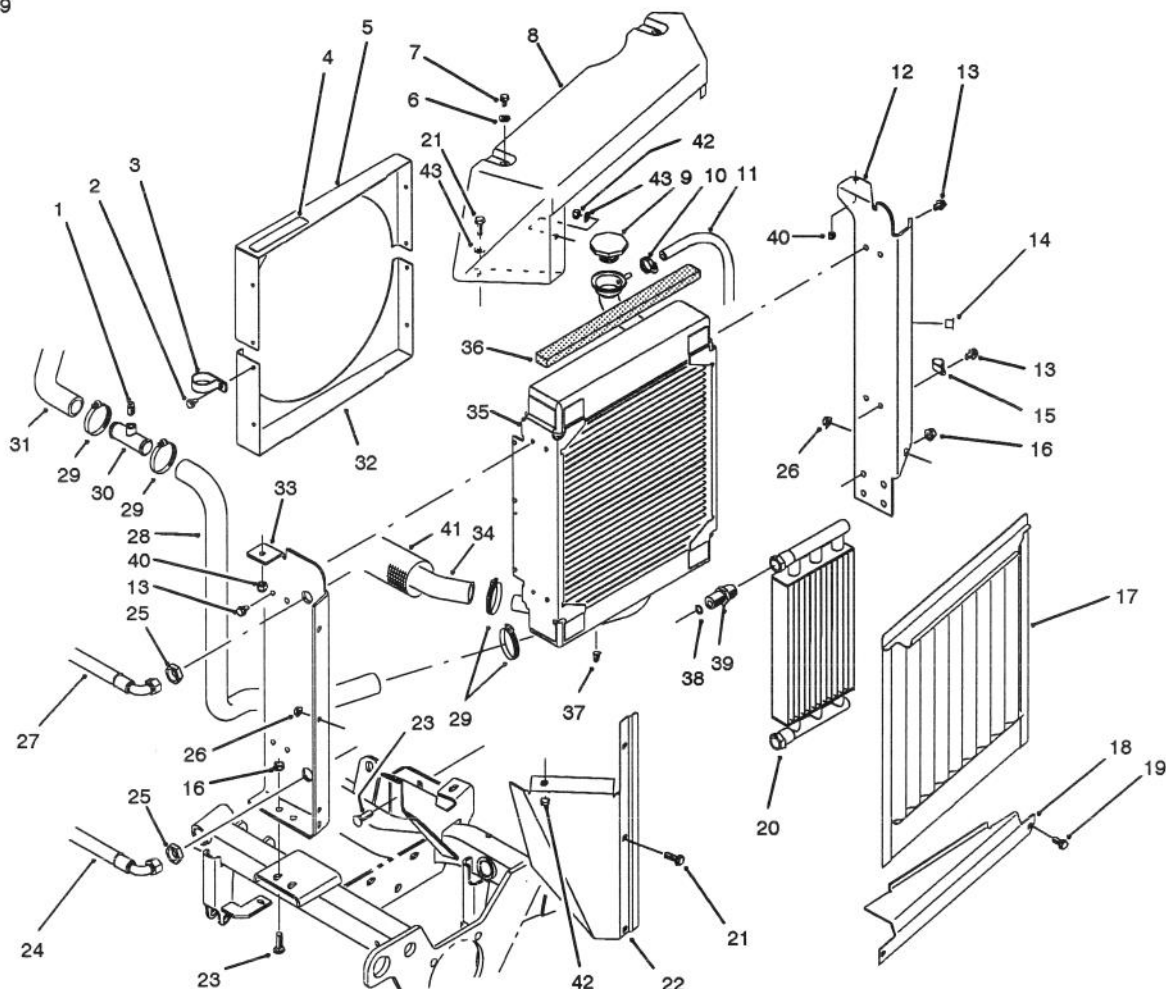
| Ref. No. | Part No. | Description | No. Used |
|----------|----------|-------------|----------|
|          |          |             |          |



T-1351

## FRAME ASSEMBLY

| Ref. No. | Part No. | Description                                   | No. Used | Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|-----------------------------------------------|----------|----------|----------|----------------------------------------------|----------|
| 1        | 3272-6   | Pin - Cotter                                  | 1        | 16       | 32121-15 | Pin - Roll                                   | 2        |
| 2        | 32136-4  | Nut - Castle                                  | 1        | 17       | 61-3360  | Joint - Universal                            | 1        |
| 3        | 3218-3   | Nut - Jam                                     | 2        | 18       | 61-2080  | Shaft - Steering                             | 1        |
| 4        | 61-2040  | Rack - Steering                               | 1        | 19       | 256-27   | Bushing - Sleeve                             | 2        |
| 5        | 61-2070  | Rod - Steering                                | 1        | 20       | 3296-29  | Nut - Flange Lock                            | 1        |
| 6        | 3220-5   | Nut - Jam                                     | 1        | 21       | 61-2090  | Steering Column Assembly<br>(Incl. Ref. #19) | 1        |
| 7        | 3-6498   | Washer - Thrust                               | A/R      | 22       | 32121-10 | Pin - Roll                                   | 1        |
| 8        | 256-117  | Bushing - Flange                              | 4        | 23       | 76-1420  | Wheel - Steering                             | 1        |
| 9        | 256-245  | Bushing - Flange                              | 2        | 24       | 302-5    | Fitting - Grease                             | 3        |
| 10       | 3256-26  | Washer - Flat                                 | 2        | 25       | 32141-84 | Screw - Cap Hex. Hd.                         | 2        |
| 11       | 3296-28  | Nut - Lock                                    | 2        | 26       | 322-12   | Screw - Cap Hex. Hd.                         | 1        |
| 12       | 83-7570  | Frame Assembly<br>(Incl. Ref. #8, 9, 13 & 14) | 1        | 27       | 21-0140  | Rod End Assembly<br>(Incl. Ref. #2)          | 1        |
| 13       | 256-247  | Bushing - Flange                              | 2        | 28       | 32148-14 | Insert - Threaded                            | 1        |
| 14       | 256-287  | Bushing - Flange                              | 2        |          |          |                                              |          |
| 15       | 61-2010  | Pinion - Steering                             | 1        |          |          |                                              |          |

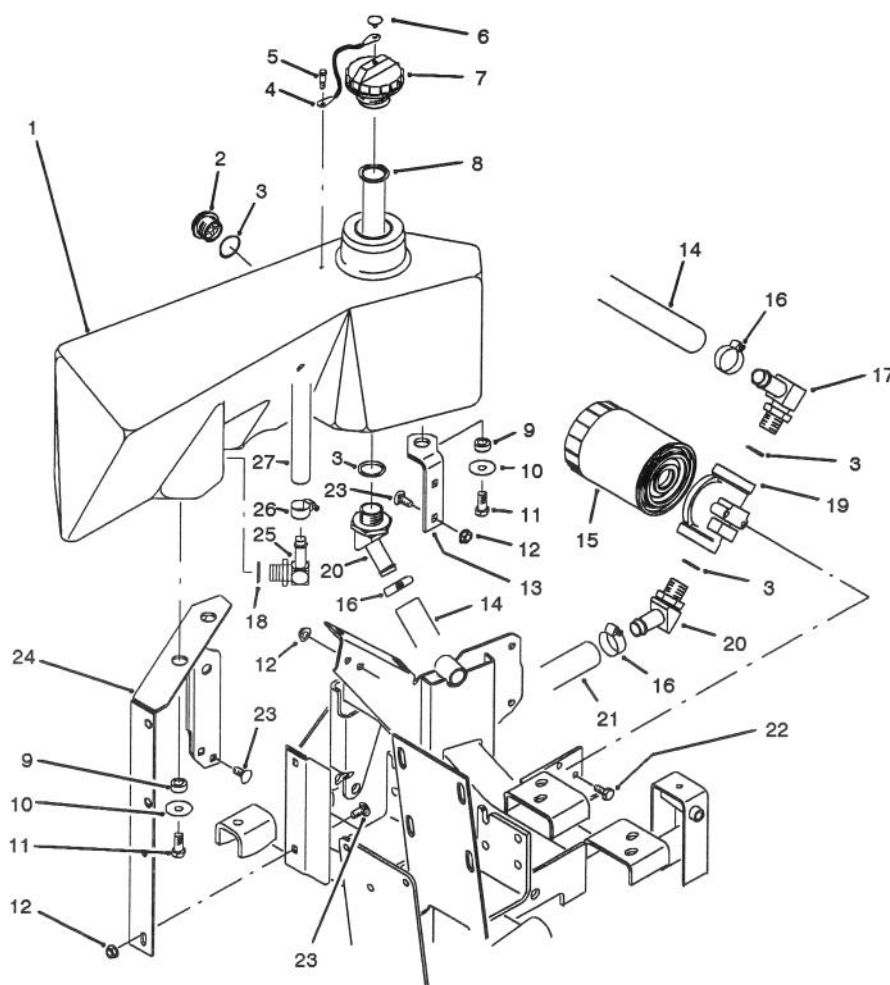


T-1352

## RADIATOR ASSEMBLY

| Ref. No. | Part No.  | Description               | No. Used | Ref. No. | Part No. | Description                                      | No. Used |
|----------|-----------|---------------------------|----------|----------|----------|--------------------------------------------------|----------|
| 1        | 281-7     | Plug - Pipe               | 1        | 24       | 92-1583  | Hose - Hydraulic                                 | 1        |
| 2        | 32104-116 | Screw - Hex. Washer Hd.   | 8        | 25       | 340-127  | Nut - Bulkhead                                   | 2        |
| 3        | 2412-74   | Clamp - R                 | 1        | 26       | 32128-44 | Nut - Flange Lock                                | 4        |
| ‡4       | 77-3100   | Decal - Warning           | 1        | 27       | 92-1177  | Hose - Hydraulic                                 | 1        |
| 5        | 83-7840   | Shroud - Fan Top          | 1        | 28       | 83-9060  | Hose - Radiator                                  | 1        |
| 6        | 3256-22   | Washer - Flat             | 2        | 29       | 2412-34  | Clamp - Hose                                     | 5        |
| 7        | 3234-4    | Screw - Cap Hex. Hd.      | 2        | 30       | 83-9080  | Connector - Bleed                                | 1        |
| 8        | 83-8040   | Cover - Left              | 1        | 31       | 83-9070  | Hose - Radiator                                  | 1        |
| 9        | 66-3240   | Cap - Radiator            | 1        | 32       | 83-7850  | Shroud - Fan Bottom                              | 1        |
| 10       | 2412-108  | Clamp - Hose              | 1        | 33       | 83-7990  | Bracket - Radiator Front                         | 1        |
| 11       | 71-3382   | Hose - Overflow           | 1        | 34       | 83-9050  | Hose - Radiator                                  | 1        |
| 12       | 83-7980   | Bracket - Radiator Rear   | 1        | 35       | 83-7550  | Radiator Assembly<br>(Incl. Ref. #37)            | 1        |
| 13       | 3234-28   | Screw - Hex. Washer Hd.   | 8        | 36       | 83-9030  | Foam - Top                                       | 1        |
| 14       | 32148-8   | Insert - Threaded         | 3        | 37       | 281-1    | Plug - Pipe                                      | 2        |
| 15       | 2412-41   | Clamp - R                 | 1        | 38       | 237-30   | Seal - O-Ring                                    | 2        |
| 16       | 32128-43  | Nut - Flange Lock         | 6        | 39       | 83-7970  | Fitting - Hydraulic Bulkhead<br>(Incl. Ref. #38) | 2        |
| 17       | 83-8150   | Screen - Radiator         | 1        | 40       | 3296-42  | Nut - Lock                                       | 2        |
| 18       | 83-8070   | Bracket - Radiator Bottom | 1        | 41       | 85-5170  | Sleeve                                           | 1        |
| 19       | 3234-5    | Screw - Hex. Washer Hd.   | 2        | 42       | 3296-29  | Nut - Lock                                       | 2        |
| 20       | 24-0760   | Cooler - Oil              | 1        | 43       | 3256-23  | Washer - Flat                                    | 2        |
| 21       | 3234-17   | Screw - Hex. Washer Hd.   | 4        |          |          |                                                  |          |
| 22       | 83-8210   | Panel - Front Left        | 1        |          |          |                                                  |          |
| 23       | 3231-22   | Bolt - Carriage           | 6        |          |          |                                                  |          |

‡For different language versions of this part, see International Decal Cross Reference.

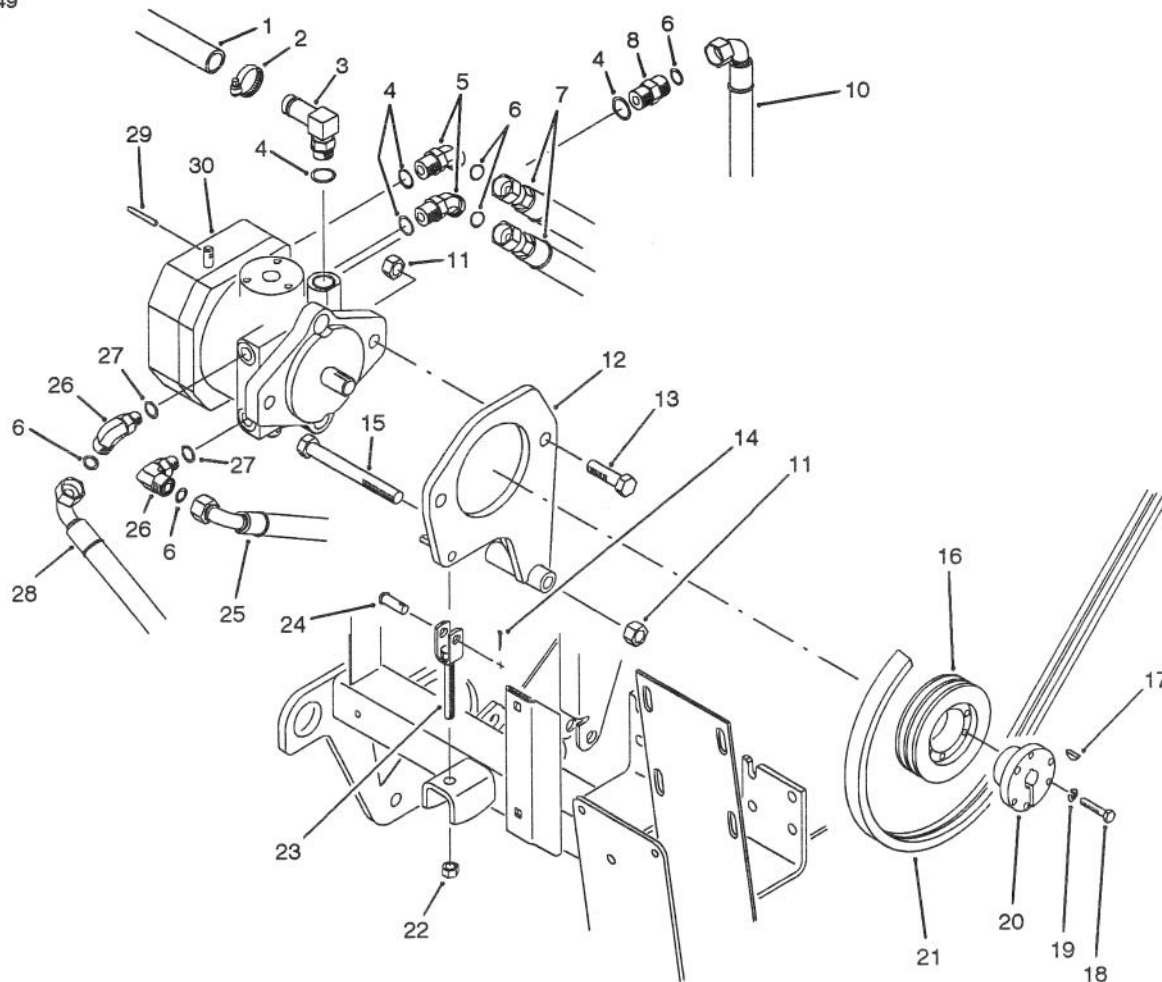


T-1353

## HYDRAULIC RESERVOIR & FILTER ASSEMBLY

| Ref. No. | Part No. | Description                                     | No. Used |
|----------|----------|-------------------------------------------------|----------|
| 1        | 83-7720  | Reservoir - Hydraulic                           | 1        |
| 2        | 69-1170  | Glass - Sight<br>(Incl. Ref. #3)                | 1        |
| 3        | 237-81   | Seal - O-Ring                                   | 4        |
| 4        | 75-0540  | Teather - Cap                                   | 1        |
| 5        | 57-5420  | Screw - Shoulder                                | 1        |
| 6        | 2410-73  | Retainer - Teather                              | 1        |
| 7        | 70-8640  | Cap - Hydraulic Reservoir<br>(Incl Ref. #4 & 6) | 1        |
| 8        | 61-2790  | Screen - Filler                                 | 1        |
| 9        | 240-11   | Grommet                                         | 3        |
| 10       | 63-8410  | Washer - Flat                                   | 3        |
| 11       | 323-5    | Screw - Cap Hex. Hd.                            | 3        |
| 12       | 32128-44 | Nut - Hex. Flange Hd.                           | 6        |
| 13       | 83-9920  | Bracket - Reservoir                             | 1        |
| 14       | 83-9651  | Hose - Hydraulic                                | 1        |

| Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|---------------------------------------------|----------|
| 15       | 54-0110  | Element - Oil Filter                        | 1        |
| 16       | 3212-34  | Clamp - Hose                                | 3        |
| 17       | 353-987  | Fitting - Hydraulic 90°<br>(Incl. Ref. #3)  | 1        |
| 18       | 237-79   | Seal - O-Ring                               | 1        |
| 19       | 68-8990  | Head - Oil Filter                           | 1        |
| 20       | 354-127  | Fitting - Hydraulic 45°<br>(Incl. Ref. #3)  | 2        |
| 21       | 83-9650  | Hose - Hydraulic                            | 1        |
| 22       | 3234-4   | Screw - Hex. Washer Hd.                     | 2        |
| 23       | 3230-23  | Screw - Carriage                            | 6        |
| 24       | 83-7780  | Bracket - Support                           | 1        |
| 25       | 354-120  | Fitting - Hydraulic 90°<br>(Incl. Ref. #18) | 1        |
| 26       | 2412-36  | Clamp - Hose                                | 1        |
| 27       | 92-1178  | Hose - Hydraulic                            | 1        |

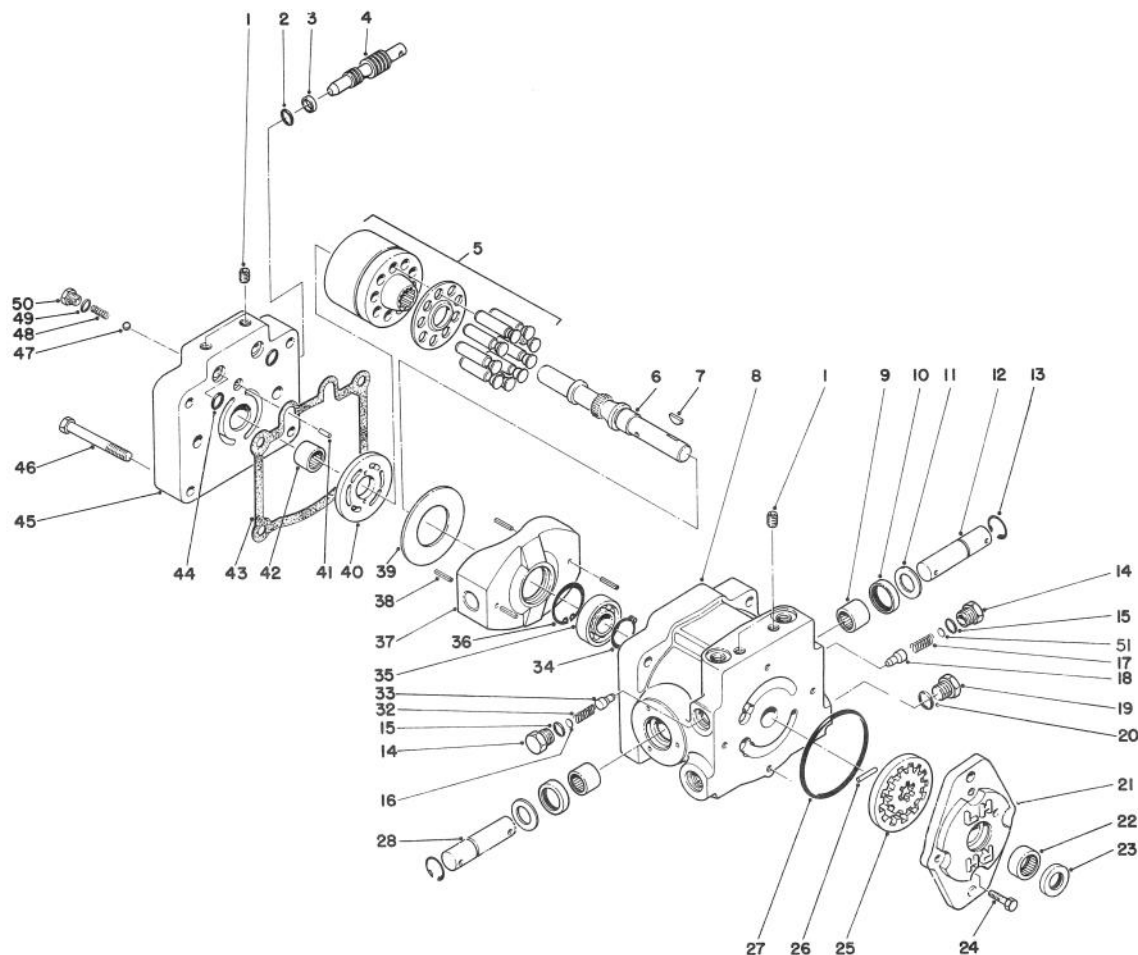


T-1354

## HYDRAULIC PUMP INSTALLATION ASSEMBLY

| Ref. No. | Part No. | Description                                         | No. Used |
|----------|----------|-----------------------------------------------------|----------|
| 1        | 83-9650  | Hose - Hydraulic                                    | 1        |
| 2        | 2412-34  | Clamp - Hose                                        | 1        |
| 3        | 354-128  | Fitting - Hydraulic 90°<br>(Incl. Ref. #4)          | 1        |
| 4        | 237-79   | Seal - O-Ring                                       | 4        |
| 5        | 340-101  | Fitting - Hydraulic 45°<br>(Incl. Ref. #4 & 6)      | 2        |
| 6        | 237-30   | Seal - O-Ring                                       | 5        |
| 7        | 83-9600  | Hose - Hydraulic                                    | 2        |
| 8        | 340-4    | Fitting - Hydraulic Straight<br>(Incl. Ref. #4 & 6) | 1        |
| 10       | 92-1178  | Hose - Hydraulic                                    | 1        |
| 11       | 3296-23  | Nut - Lock                                          | 3        |
| 12       | 83-8320  | Mount - Pump                                        | 1        |
| 13       | 325-7    | Screw - Cap Hex. Hd.                                | 2        |
| 14       | 3272-6   | Pin - Cotter                                        | 1        |
| 15       | 325-18   | Screw - Cap Hex. Hd.                                | 1        |
| 16       | 85-4960  | Pulley                                              | 1        |

| Ref. No. | Part No. | Description                                       | No. Used |
|----------|----------|---------------------------------------------------|----------|
| 17       | 3257-32  | Key - Woodruff                                    | 1        |
| 18       | 321-13   | Screw - Cap Hex. Hd.                              | 3        |
| 19       | 3253-3   | Washer - Lock                                     | 3        |
| 20       | 59-2150  | Taper Lock Bushing Assy.<br>(Incl. Ref. #18 & 19) | 1        |
| 21       | 83-8540  | Belt - Pump Drive                                 | 1        |
| 22       | 3296-6   | Nut - Lock                                        | 1        |
| 23       | 83-9660  | Clevis                                            | 1        |
| 24       | 283-2    | Pin - Clevis                                      | 1        |
| 25       | 83-9640  | Hose - Hydraulic                                  | 1        |
| 26       | 340-99   | Fitting - Hydraulic 90°<br>(Incl. Ref. #6 & 27)   | 2        |
| 27       | 237-42   | Seal - O-Ring                                     | 2        |
| 28       | 92-1583  | Hose - Hydraulic                                  | 1        |
| 29       | 32121-34 | Pin - Dowel                                       | 1        |
| 30       | 85-4920  | Hydraulic Pump Assembly<br>(Incl. Ref. #17)       | 1        |

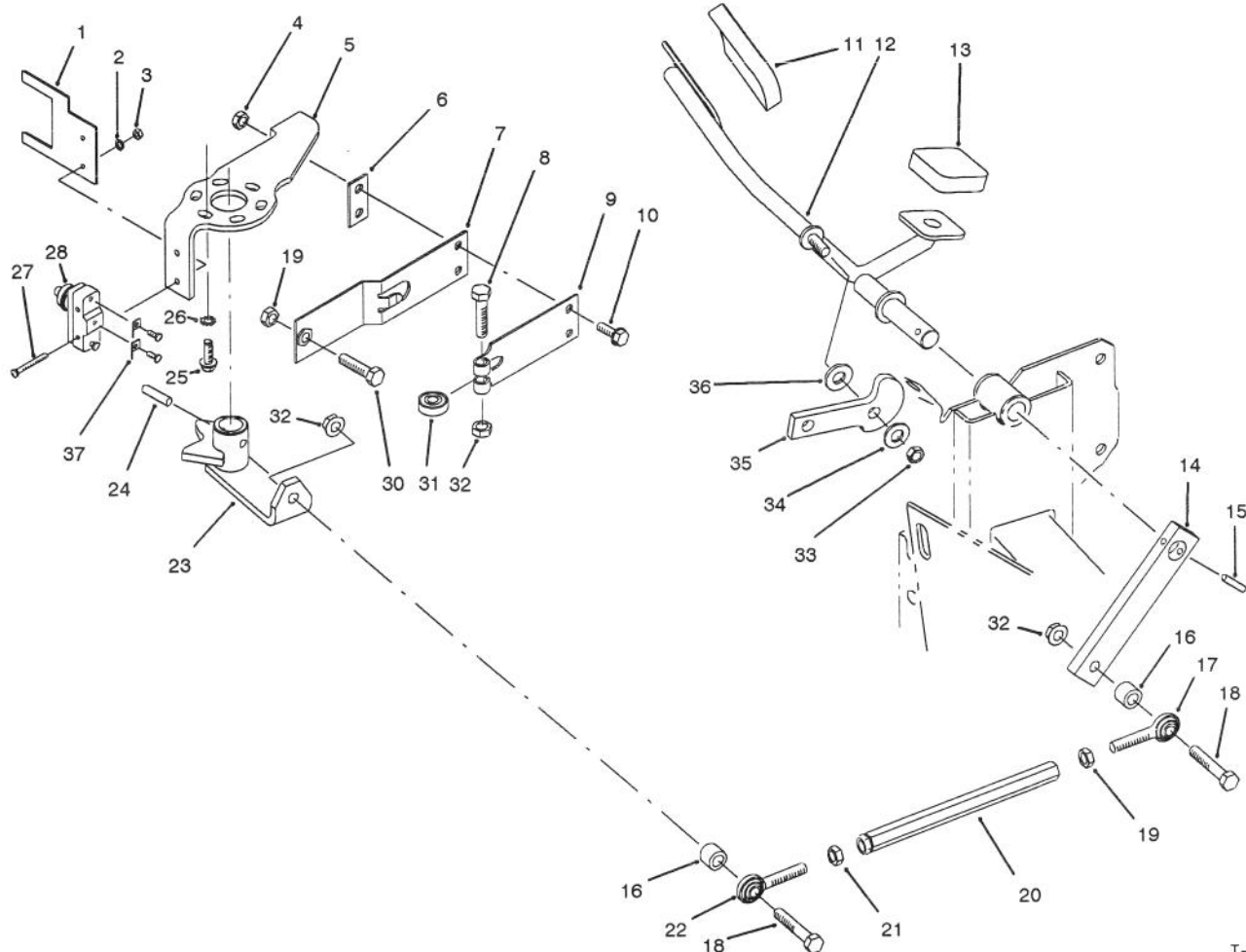


T-0245

## HYDRAULIC PUMP ASSEMBLY NO. 85-4920

| Ref. No. | Part No. | Description                        | No. Used | Ref. No. | Part No. | Description                                | No. Used |
|----------|----------|------------------------------------|----------|----------|----------|--------------------------------------------|----------|
| 1        | 285-17   | Plug - Pipe                        | 6        | 25       | 25-2680  | Gerotor Assembly                           | 1        |
| 2        | 237-22   | O-Ring                             | 1        | 26       | 25-2530  | Pin - Straight                             | 1        |
| 3        | 25-2630  | Ring                               | 1        | 27       | 237-95   | O-Ring                                     | 1        |
| 4        | 25-2620  | Valve - By-Pass                    | 1        | 28       | 49-8480  | Shaft - Trunion                            | 1        |
| 5        | 48-1800  | Cylinder Block Kit                 | 1        | 32       | 25-2480  | Spring - Charge Relief                     | 1        |
| 6        | 67-8020  | Shaft - Pump                       | 1        | 33       | 28-3420  | Cone - Charge Relief                       | 1        |
| 7        | 3257-32  | Key - Woodruff                     | 1        | 34       | 32120-15 | Ring - Retaining                           | 1        |
| 8        | 61-0080  | Hydraulic Pump Assembly (Complete) | 1        | 35       | 251-8    | Bearing - Ball                             | 1        |
| 9        | 252-82   | Bearing - Needle                   | 2        | 36       | 32120-11 | Ring - Retaining                           | 1        |
| 10       | 25-3210  | Seal - Lip                         | 2        | 37       | 25-2450  | Swash/Plate                                | 1        |
| 11       | 25-2510  | Washer                             | 2        | 38       | 32121-91 | Pin - Coiled Spring                        | 3        |
| 12       | 25-2580  | Shaft - Trunion                    | 1        | 39       | 25-2380  | Plate - Thrust                             | 1        |
| 13       | 32151-46 | Ring - Retaining                   | 2        | 40       | 25-2390  | Plate - Valve                              | 1        |
| 14       | 25-2460  | Plug                               | 2        | 41       | 25-2430  | Pin - Straight                             | 1        |
| 15       | 237-86   | O-Ring                             | 2        | 42       | 67-8080  | Bearing - Needle                           | 1        |
| 16       | 25-2470  | Kit - Shim Pack                    | 2        | 43       | 25-2400  | Gasket                                     | 1        |
| 17       | 25-2570  | Spring - Relief Valve              | 1        | 44       | 62-4290  | O-Ring                                     | 2        |
| 18       | 25-2560  | Cone - Relief Valve                | 1        | 45       | 67-8090  | Cap - Pump End                             | 1        |
| 19       | 67-8030  | Plug Assembly (Incl. Ref. #20)     | 1        | 46       | 323-11   | Screw - Cap Hex. Hd.                       | 4        |
| 20       | 67-8040  | O-Ring                             | 1        | 47       | 25-2490  | Ball - Check Valve                         | 2        |
| 21       | 25-2690  | Housing - Charge Pump              | 1        | 48       | 25-2640  | Spring - Check Valve                       | 2        |
| 22       | 67-8050  | Bearing - Needle                   | 1        | 50       | 25-2650  | Plug - Check Valve                         | 2        |
| 23       | 67-8060  | Seal - Lip                         | 1        | *        | 25-3180  | Kit - Check Valve (Incl. Ref. #47-50)      | 1        |
| 24       | 322-4    | Screw - Cap Hex. Hd.               | 4        | *        | 49-8520  | Kit - Implement Relief (Incl. Ref. #14-18) | 1        |

\*Not Illustrated

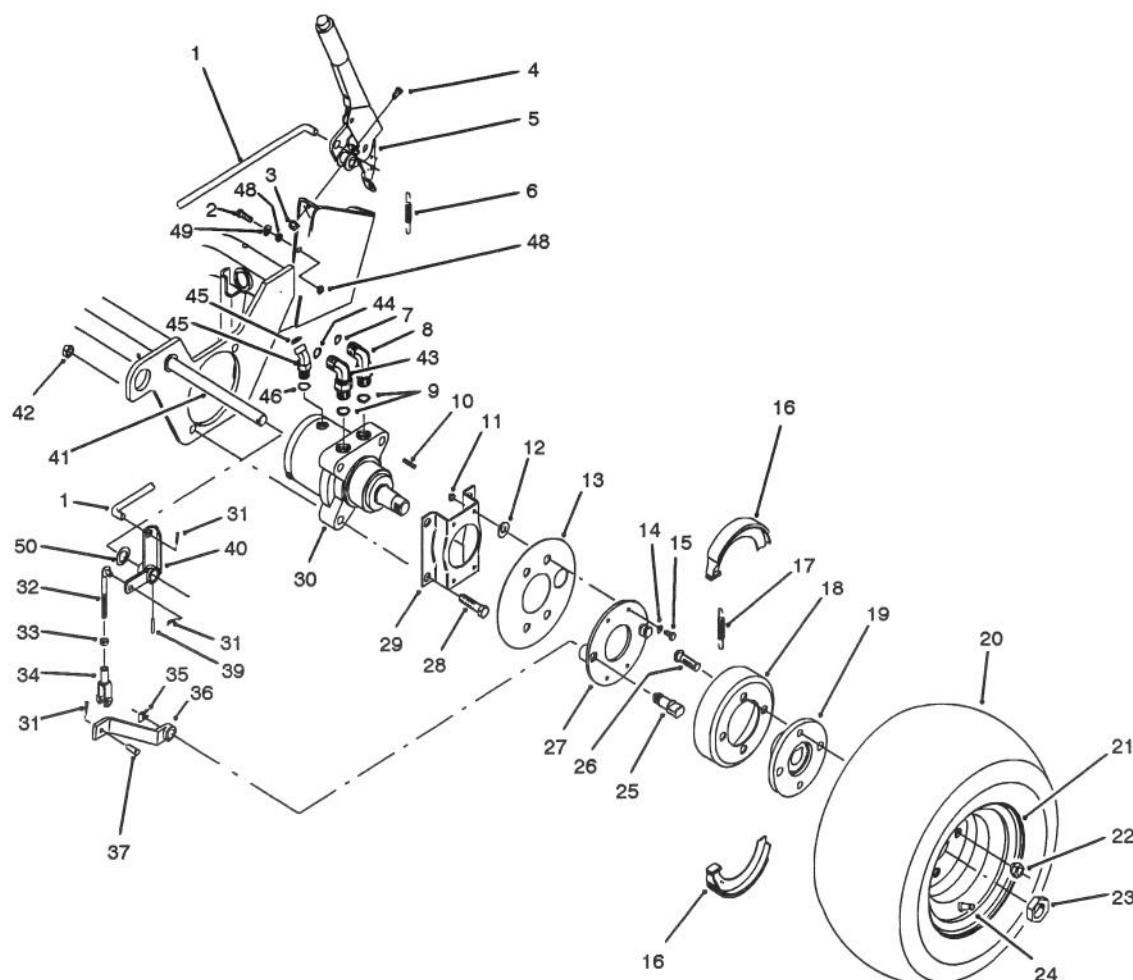


T-1355

## TRACTION CONTROL ASSEMBLY

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 1        | 46-8810  | Stop - Spring           | 1        |
| 2        | 3254-9   | Washer - ITLW           | 2        |
| 3        | 3217-16  | Nut - Lock              | 2        |
| 4        | 3296-16  | Nut - Lock              | 2        |
| 5        | 29-6120  | Plate - Pump            | 1        |
| 6        | 51-3150  | Shim - Spring           | 1        |
| 7        | 29-6170  | Spring - Extended Leaf  | 1        |
| 8        | 322-17   | Screw - Cap Hex. Hd.    | 1        |
| 9        | 29-6150  | Spring - Leaf           | 1        |
| 10       | 321-6    | Screw - Hex. Flange Hd. | 2        |
| 11       | 74-9100  | Pad - Forward           | 1        |
| 12       | 83-8270  | Pedal - Traction        | 1        |
| 13       | 74-9110  | Pad - Reverse           | 1        |
| 14       | 61-2610  | Arm - Traction          | 1        |
| 15       | 32121-6  | Pin - Roll              | 1        |
| 16       | 61-2370  | Spacer                  | 2        |
| 17       | 2411-52  | End - Rod               | 1        |
| 18       | 322-9    | Screw - Cap Hex. Hd.    | 2        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 19       | 3220-2   | Nut - Jam               | 2        |
| 20       | 83-8760  | Rod - Control           | 1        |
| 21       | 3220-20  | Nut - Jam               | 1        |
| 22       | 2411-53  | End - Rod               | 1        |
| 23       | 83-8770  | Lever - Pump            | 1        |
| 24       | 32121-24 | Pin - Roll              | 1        |
| 25       | 11-9760  | Screw - Hex. Flange Hd. | 3        |
| 26       | 3255-7   | Washer - ETLW           | 3        |
| 27       | 3249-11  | Screw - Round Hd.       | 2        |
| 28       | 29-6163  | Switch                  | 1        |
| 30       | 3210-7   | Screw - Cap Hex. Hd.    | 1        |
| 31       | 251-259  | Bearing - Ball          | 1        |
| 32       | 3296-29  | Nut - Lock              | 3        |
| 33       | 3296-59  | Nut - Lock              | 1        |
| 34       | 3256-24  | Washer - Flat           | 1        |
| 35       | 74-6110  | Cam - Stop              | 1        |
| 36       | 66-2920  | Spacer                  | 1        |
| 37       | 218-596  | Tab                     | 2        |

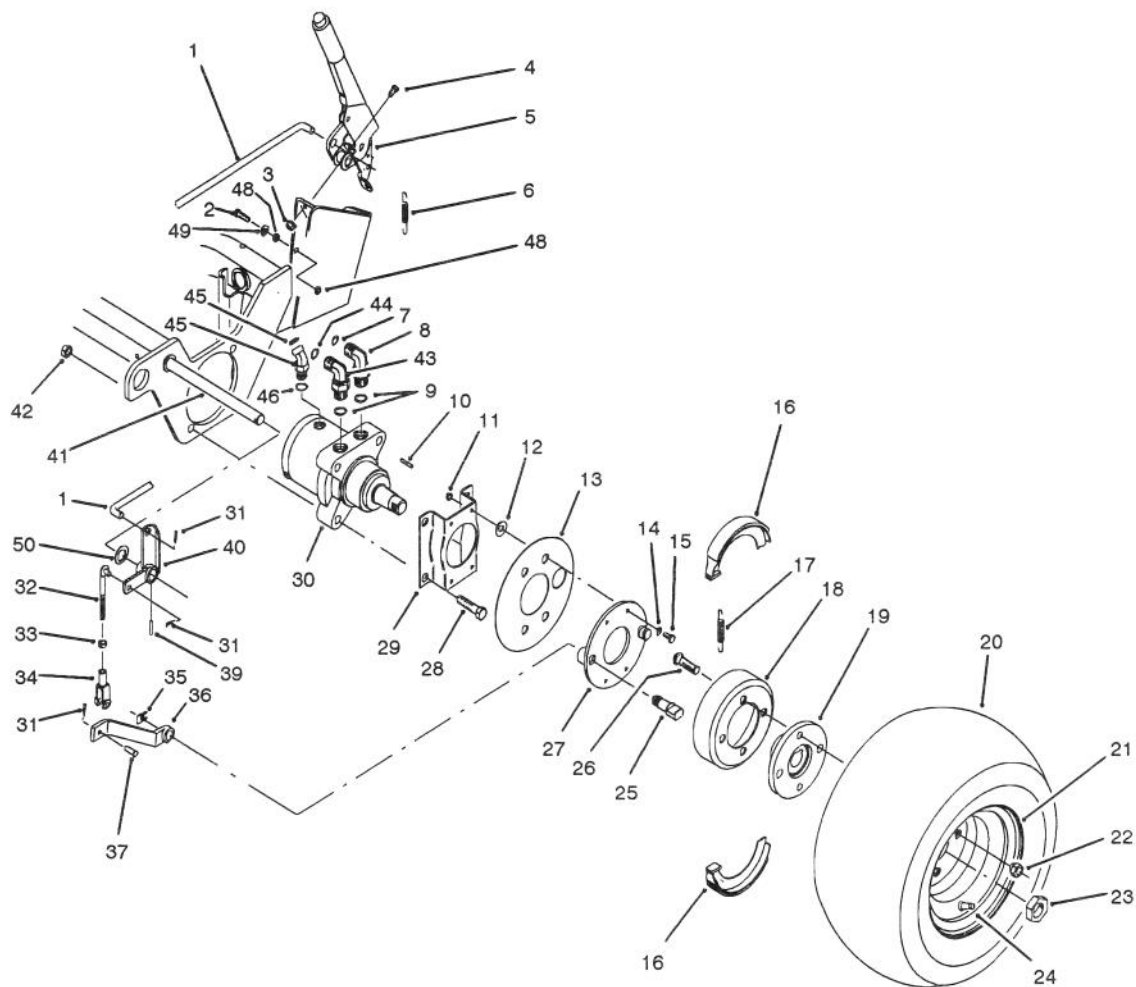


T-1356

## FRONT WHEEL ASSEMBLY

| Ref. No. | Part No. | Description                                   | No. Used | Ref. No. | Part No. | Description                                     | No. Used |
|----------|----------|-----------------------------------------------|----------|----------|----------|-------------------------------------------------|----------|
| 1        | 83-9350  | Rod - Parking Brake                           | 1        | 23       | 26-3790  | Nut - Lock                                      | 2        |
| 2        | 322-17   | Screw - Cap Hex. Hd.                          | 1        | 24       | 232-27   | Valve - Stem                                    | 2        |
| 3        | 32128-44 | Nut - Lock                                    | 2        | 25       | 70-9860  | Pin - Pivot Brake                               | 2        |
| 4        | 3234-5   | Screw - Hex. Washer Hd.                       | 2        | 26       | 85-6540  | Stud - Drive                                    | 8        |
| 5        | 61-3990  | Parking Brake Assembly                        | 1        | 27       | 70-9870  | Plate - Brake                                   | 2        |
| 6        | 5-7290   | Spring - Extension                            | 1        | 28       | 325-11   | Screw - Cap Hex. Hd.                            | 8        |
| 7        | 237-30   | Seal - O-Ring                                 | 2        | 29       | 84-2000  | Bracket - Brake                                 | 2        |
| 8        | 340-105  | Fitting - Hydraulic 90°<br>(Incl. Ref. 7 & 9) | 2        | 30       | 66-5291  | Hydraulic Motor Assembly<br>(Incl. Ref. #10)    | 2        |
| 9        | 237-80   | Seal - O-Ring                                 | 4        | 31       | 3272-6   | Pin - Cotter                                    | 5        |
| 10       | 3257-15  | Key - Square                                  | 2        | 32       | 84-1990  | Rod - Adjusting                                 | 2        |
| 11       | 3296-42  | Nut - Lock                                    | 8        | 33       | 3220-2   | Nut - Jam                                       | 2        |
| 12       | 3256-16  | Washer - Flat                                 | 8        | 34       | 282-2    | Clevis                                          | 2        |
| 13       | 83-9340  | Shield - Grass                                | 2        | 35       | 70-9850  | Clip - Retaining                                | 2        |
| 14       | 3253-3   | Washer - Lock                                 | 8        | 36       | 83-9250  | Lever - Brake                                   | 2        |
| 15       | 321-5    | Screw - Cap Hex. Hd.                          | 8        | 37       | 283-1    | Pin - Clevis                                    | 2        |
| 16       | 70-9840  | Shoe - Brake                                  | 4        | 39       | 32121-6  | Pin - Roll                                      | 2        |
| 17       | 70-9880  | Spring - Extension                            | 4        | 40       | 83-9270  | Pivot - Brake L.H.                              | 1        |
| 18       | 10-6821  | Brake Drum Assembly<br>(Incl. Ref. #19 & 26)  | 2        | *        | 83-9310  | Pivot - Brake R.H.                              | 1        |
| 19       | 10-6870  | Hub - Wheel                                   | 2        | 41       | 83-9330  | Shaft - Brake                                   | 1        |
| 20       | 231-127  | Tire                                          | 2        | 42       | 3296-23  | Nut - Lock                                      | 8        |
| 21       | 217-60   | Rim                                           | 2        | 43       | 340-17   | Fitting - Hydraulic 90°<br>(Incl. Ref. #9 & 44) | 2        |
| 22       | 242-50   | Nut - Lug                                     | 8        | 44       | 237-65   | Seal - O-Ring                                   | 2        |

\*Not Illustrated



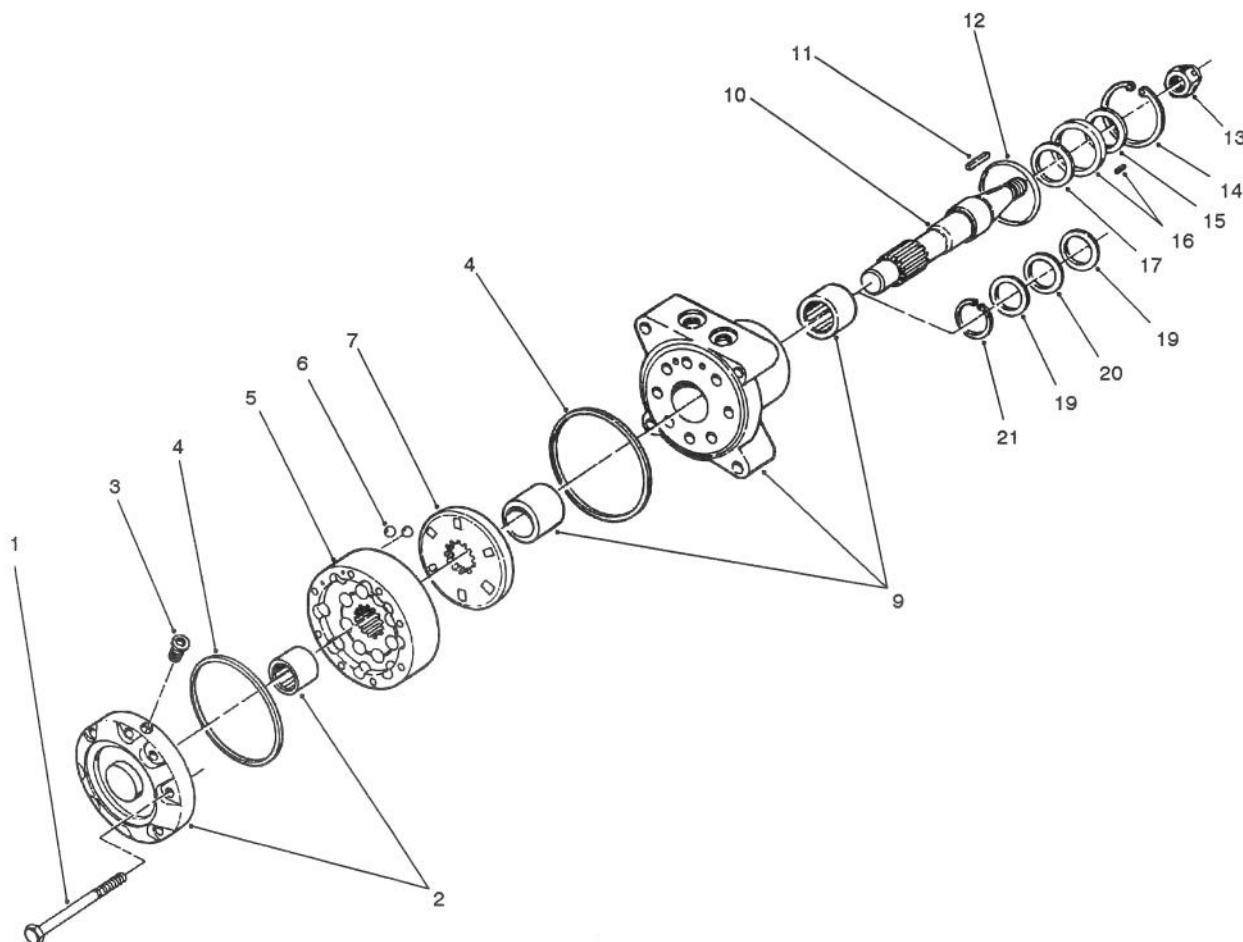
T-1356

## FRONT WHEEL ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                                                                 | No. Used |
|----------|----------|-----------------------------------------------------------------------------|----------|
| 45       | 340-103  | Fitting - Hydraulic 45°<br>(Incl. Ref. #46 & 47)<br>(For Left Wheel Motor)  | 1        |
| *        | 340-140  | Fitting - Hydraulic Tee<br>(Incl. Ref. #46 & 47)<br>(For Right Wheel Motor) | 1        |
| 46       | 237-78   | Seal - O-Ring                                                               | 2        |

| Ref. No. | Part No. | Description                                            | No. Used |
|----------|----------|--------------------------------------------------------|----------|
| 47       | 237-21   | Seal - O-Ring                                          | 3        |
| 48       | 32128-20 | Nut - Lock                                             | 2        |
| 49       | 3256-23  | Washer                                                 | 1        |
| 50       | 3-6498   | Washer                                                 | 2        |
| *        | 71-1500  | Brake Assembly<br>(Incl. Ref. #16, 17, 25, 27<br>& 35) | 2        |

\*Not Illustrated



T-0274

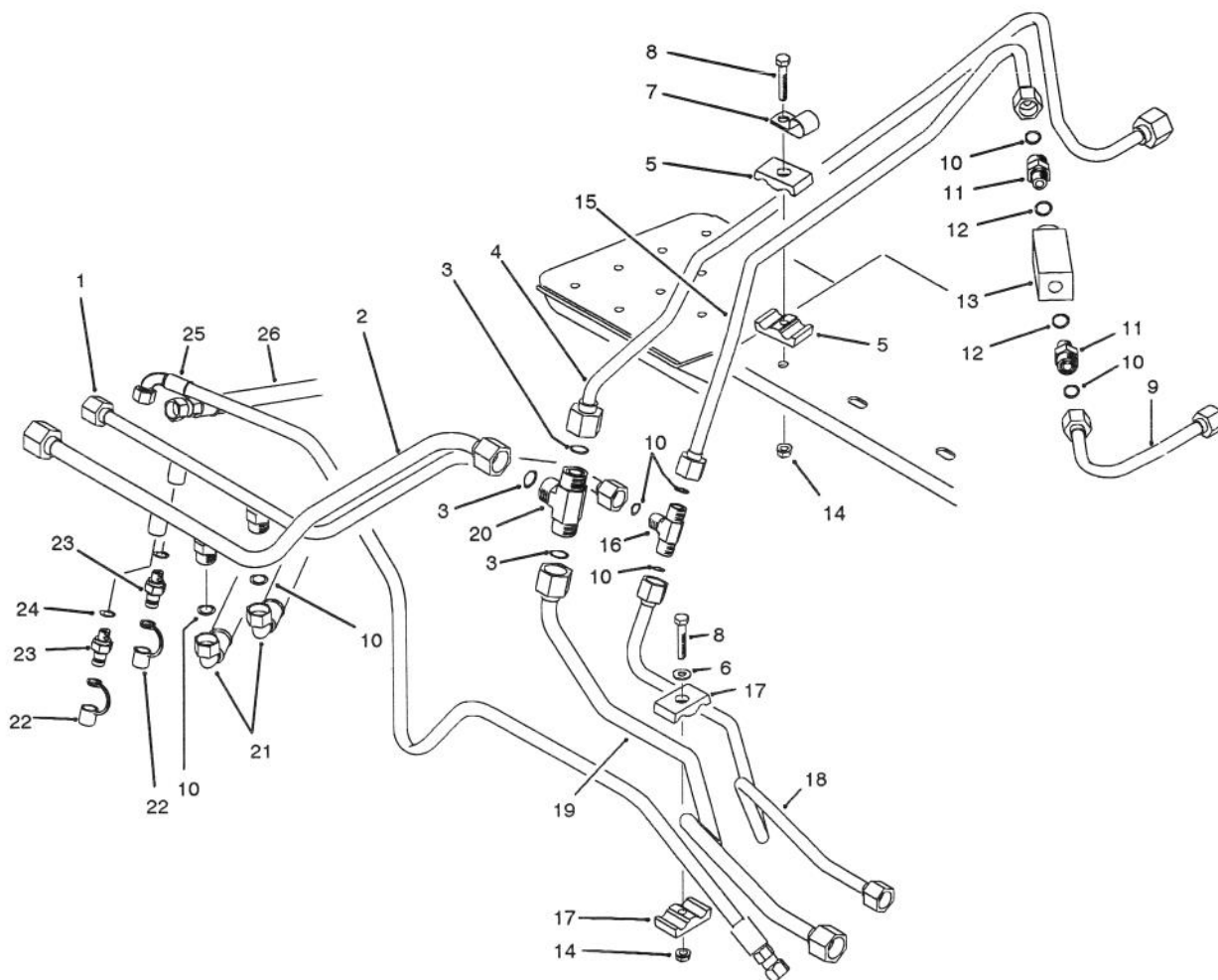
## HYDRAULIC DRIVE MOTOR ASSEMBLY NO. 66-5291

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 1        | 65-4580  | Screw - Cap Hex Hd.      | 8        |
| 2        | 65-4680  | Cover & Bearing Assembly | 1        |
| 3        | 65-4560  | Plug - Hex (Hollow)      | 1        |
| 4        | 65-4570  | Seal - Square Ring       | 2        |
| 5        | 66-6110  | IGR Assembly             | 1        |
| 6        | 65-4550  | Valve - Check Ball       | 2        |
| 7        | 70-8150  | Plate - Valve            | 1        |
| 9        | 65-4670  | Body & Bearing Assembly  | 1        |
| 10       | 92-1157  | Shaft                    | 1        |
| 11       | 3257-15  | Key - Square             | 1        |
| 12       | 65-4620  | Seal - O-Ring            | 1        |

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 14       | 65-4500  | Seal - Snap Ring                              | 1        |
| †15      |          | Seal - Dust                                   | 1        |
| †16      |          | Retainer/Pin                                  | 1        |
| †17      |          | Seal - Lip                                    | 1        |
| *        | 76-2350  | Seal/Retainer Assembly<br>(Incl. Ref. #15-17) | 1        |
| 19       | 65-4600  | Washer - Thrust                               | 2        |
| 20       | 65-4610  | Bearing - Thrust                              | 1        |
| 21       | 65-4590  | Ring - Snap                                   | 1        |
| *        | 76-2360  | Body Seal Kit<br>(Incl. Ref. #4, 12 & 15-17)  | 1        |

\*Not Illustrated

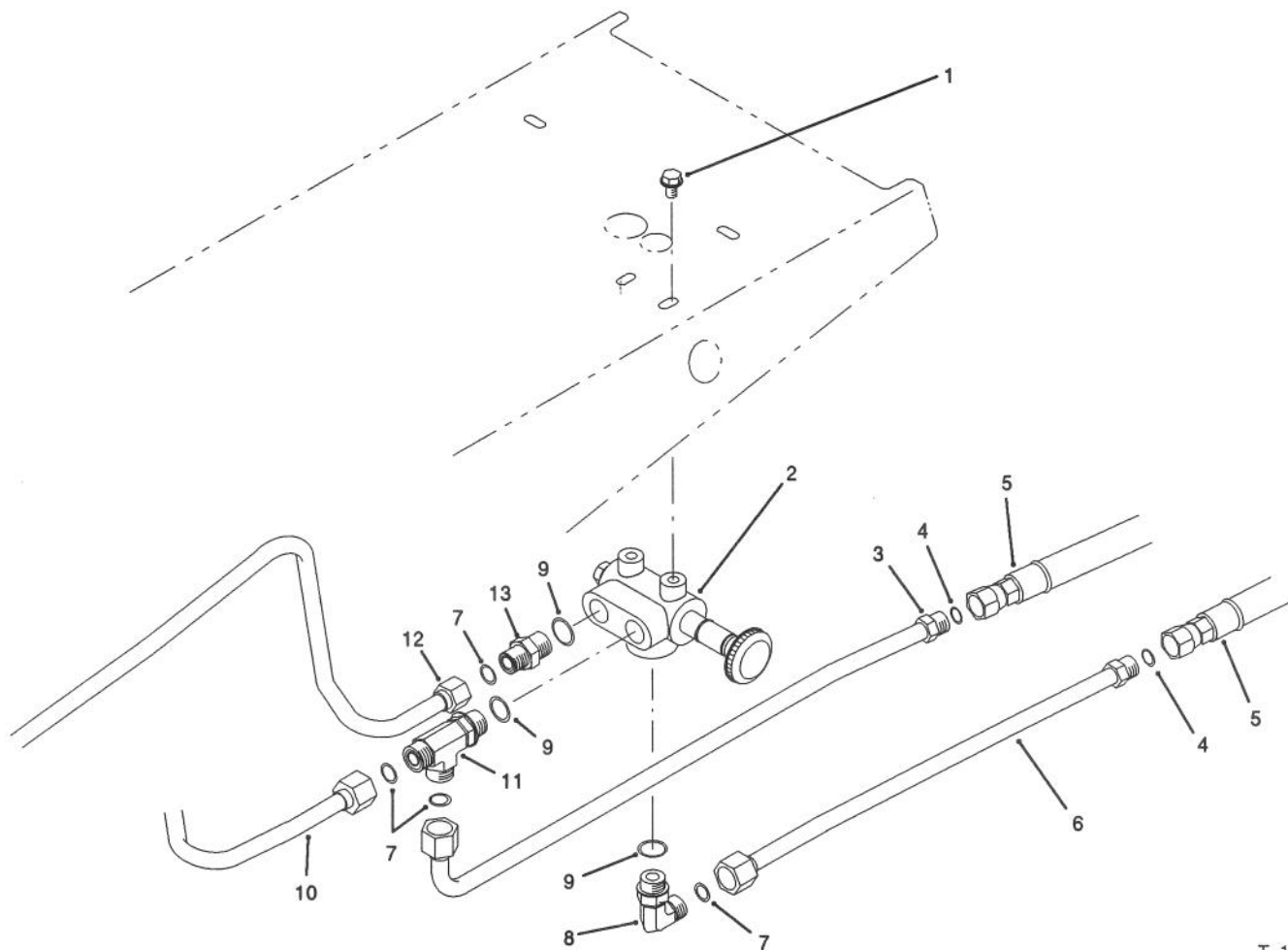
†Not available from Toro as a replacement part.



T-1358

## DRIVE MOTOR PLUMBING ASSEMBLY

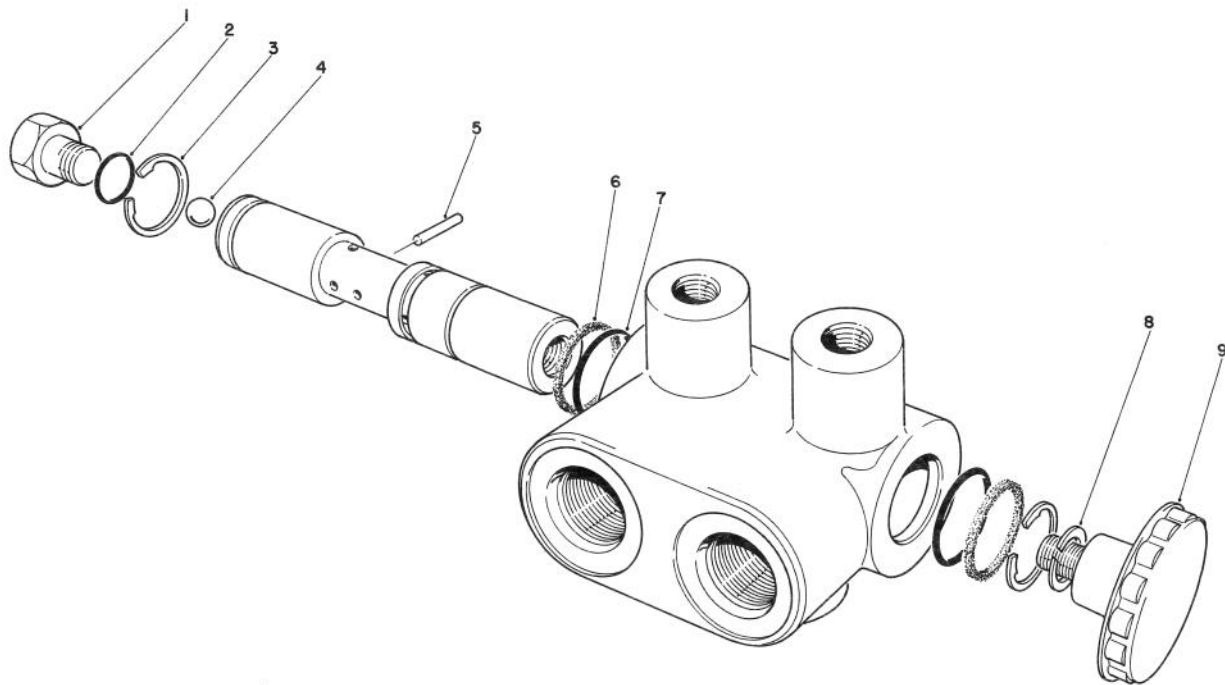
| Ref. No. | Part No. | Description                                        | No. Used | Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------------------------------------|----------|----------|----------|----------------------------------------------|----------|
| 1        | 83-9470  | Hydraulic Tube Assembly (Incl. Ref. #10)           | 1        | 14       | 3296-29  | Nut - Lock                                   | 2        |
| 2        | 83-9440  | Hydraulic Tube Assembly (Incl. Ref. #10)           | 1        | 15       | 83-9490  | Tube - Hydraulic                             | 1        |
| 3        | 237-65   | Seal - O-Ring                                      | 3        | 16       | 340-102  | Fitting - Hydraulic Tee (Incl. Ref. #10)     | 1        |
| 4        | 83-9460  | Tube - Hydraulic                                   | 1        | 17       | 56-7977  | Clamp - Hydraulic Tube                       | 2        |
| 5        | 56-7976  | Clamp - Hydraulic Tube                             | 2        | 18       | 83-9480  | Tube - Hydraulic                             | 1        |
| 6        | 3256-3   | Washer - Flat                                      | 1        | 19       | 83-9450  | Tube - Hydraulic                             | 1        |
| 7        | 2412-39  | Clamp - R                                          | 1        | 20       | 340-19   | Fitting - Hydraulic Tee (Incl. Ref. #3)      | 1        |
| 8        | 322-9    | Screw - Cap Hex. Hd.                               | 2        | 21       | 83-9600  | Hose - Hydraulic                             | 2        |
| 9        | 83-9500  | Tube - Hydraulic                                   | 1        | 22       | 354-79   | Cap - Test Port                              | 2        |
| 10       | 237-30   | Seal - O-Ring                                      | 7        | 23       | 354-77   | Hydraulic Test Port Fitting (Incl. Ref. #24) | 2        |
| 11       | 340-5    | Fitting - Hydraulic Straight (Incl. Ref. #10 & 12) | 2        | 24       | 237-78   | Seal - O-Ring                                | 2        |
| 12       | 237-42   | Seal - O-Ring                                      | 2        | 25       | 85-5300  | Hose - Hydraulic                             | 1        |
| 13       | 71-2960  | Valve - Flow Control                               | 1        | 26       | 85-4990  | Hose - Hydraulic                             | 1        |



T-1359

## REAR WHEEL DRIVE VALVE ASSEMBLY

| Ref. No. | Part No. | Description                             | No. Used | Ref. No. | Part No. | Description                                      | No. Used |
|----------|----------|-----------------------------------------|----------|----------|----------|--------------------------------------------------|----------|
| 1        | 3234-28  | Screw - Hex. Flange Hd.                 | 2        | 8        | 340-98   | Fitting - Hydraulic 90° (Incl. Ref. #7 & 9)      | 1        |
| 2        | 71-2830  | 2 Position Valve Assembly               | 1        | 9        | 237-79   | Seal - O-Ring                                    | 3        |
| 3        | 71-0710  | Hydraulic Tube Assembly (Incl. Ref. #4) | 1        | 10       | 83-9500  | Tube - Hydraulic                                 | 1        |
| 4        | 237-22   | Seal - O-Ring                           | 2        | 11       | 340-109  | Fitting - Hydraulic Tee (Incl. Ref. #7 & 9)      | 1        |
| 5        | 80-4090  | Hose - Hydraulic                        | 2        | 12       | 83-9460  | Tube - Hydraulic                                 | 1        |
| 6        | 71-0840  | Hydraulic Tube Assembly (Incl. Ref. #4) | 1        | 13       | 340-4    | Fitting - Hydraulic Straight (Incl. Ref. #7 & 9) | 1        |
| 7        | 237-30   | Seal - O-Ring                           | 4        |          |          |                                                  |          |



T-0672

## 2 POSITION VALVE ASSEMBLY NO. 71-2830

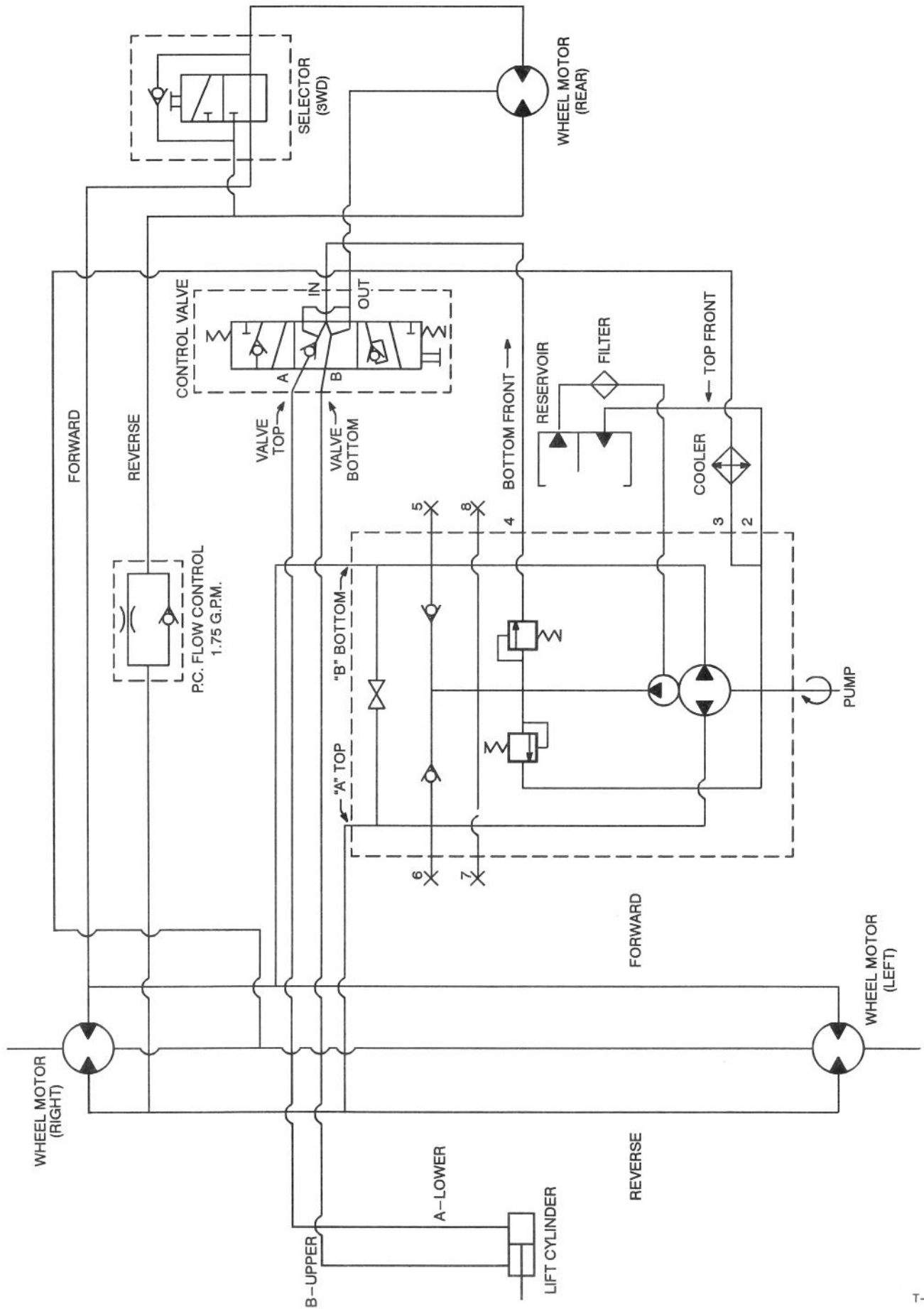
| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 1        | 353-512  | Plug - Hydraulic | 1        |
| 2        | 237-22   | Seal - O-Ring    | 1        |
| 3        | 32151-78 | Ring - Retaining | 2        |
| 4        | 354-23   | Ball - Check     | 1        |
| 5        | 32121-38 | Pin - Roll       | 1        |
| †6       |          | Washer - Backup  | 2        |

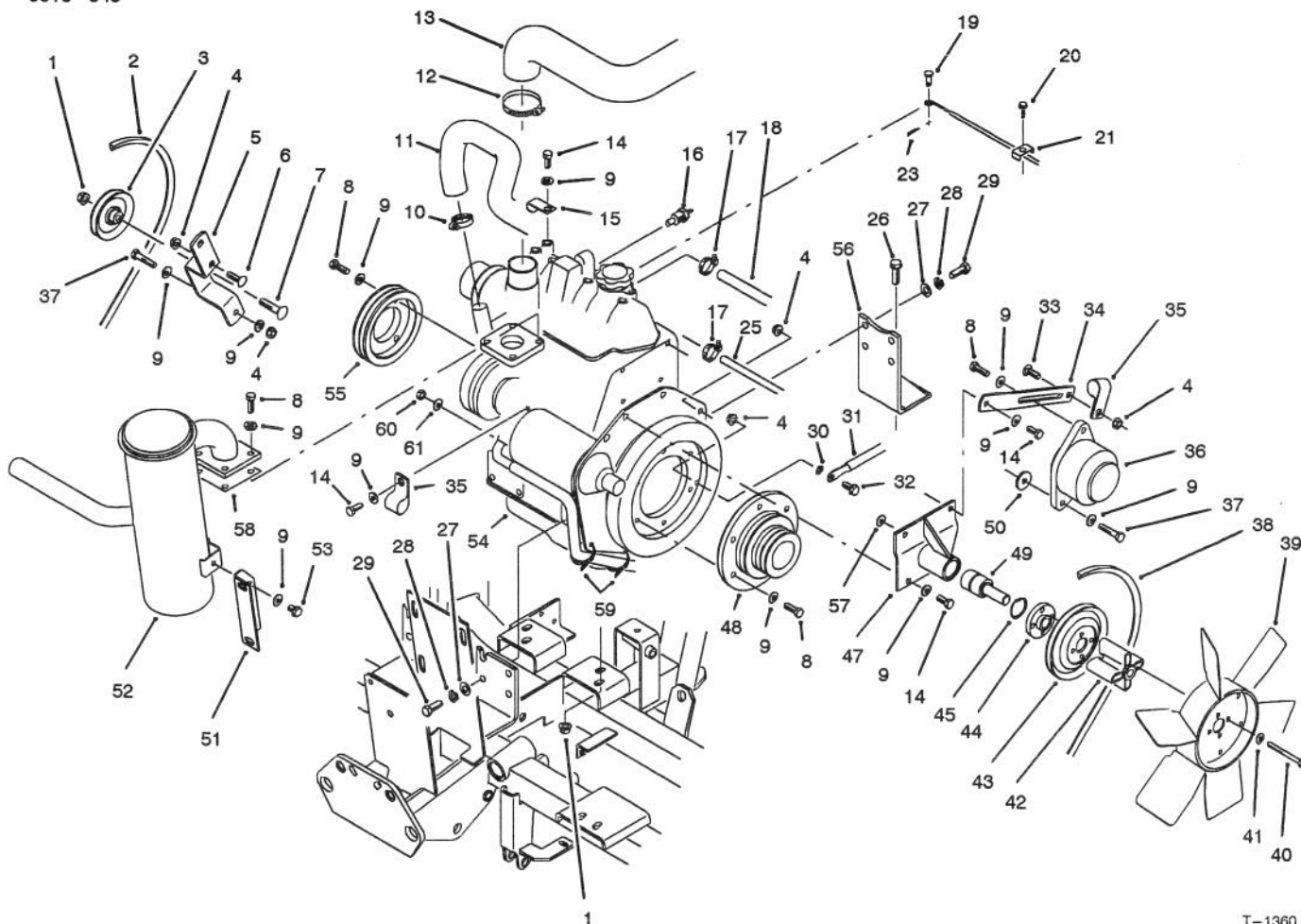
| Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------------------------------|----------|
| 7        | 237-54   | Seal - O-Ring                                | 2        |
| 8        | 3253-5   | Washer - Lock                                | 1        |
| 9        | 233-46   | Knob                                         | 1        |
| *        | 71-1220  | Seal Repair Kit<br>(Incl. Ref. #2, 3, 6 & 7) | 1        |

\*Not Illustrated

†Available only in Seal Repair Kit No. 71-1220.

# HYDRAULIC SCHEMATIC





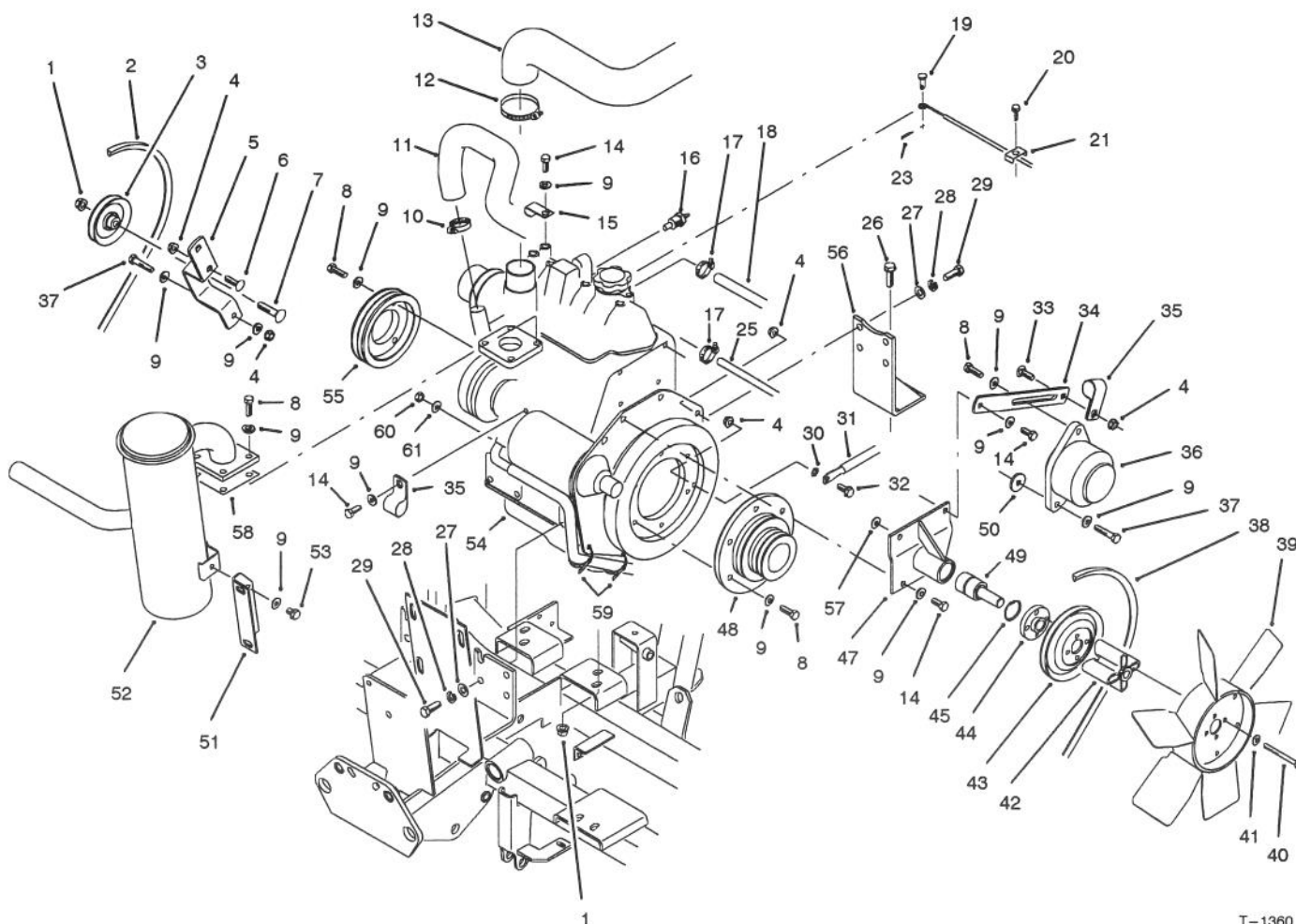
T-1360

## ENGINE INSTALLATION ASSEMBLY

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 1        | 32128-43 | Nut - Flange Lock       | 5        |
| 2        | 37-9090  | Belt - V                | 1        |
| 3        | 63-8140  | Pulley - Idler          | 1        |
| 4        | 32128-44 | Nut - Flange Lock       | 5        |
| 5        | 83-7690  | Bracket - Idler         | 1        |
| 6        | 3230-22  | Screw - Carriage        | 1        |
| 7        | 3231-26  | Screw - Carriage        | 1        |
| 8        | 48-9460  | Screw - Cap Hex. Hd.    | 14       |
| 9        | 3256-23  | Washer - Flat           | 23       |
| 10       | 2412-34  | Clamp - Hose            | 1        |
| 11       | 83-9070  | Hose - Coolant          | 1        |
| 12       | 2412-92  | Clamp - Hose            | 1        |
| 13       | 83-8550  | Hose - Air Intake       | 1        |
| 14       | 48-7700  | Screw - Cap Hex. Hd.    | 6        |
| 15       | 2412-93  | Clamp - R               | 1        |
| 16       | 82-3110  | Sensor - Temp           | 1        |
| 17       | 2412-108 | Clamp - Hose            | 2        |
| 18       | 63-7620  | Hose - Fuel             | 1        |
| 19       | 283-62   | Pin - Clevis            | 1        |
| 20       | 3290-432 | Screw - Hex. Hd.        | 1        |
| 21       | 81-1690  | Clamp - Throttle Cable  | 1        |
| 23       | 3272-9   | Pin - Cotter            | 1        |
| 25       | 75-4703  | Hose - Fuel             | 1        |
| 26       | 3234-24  | Screw - Hex. Flange Hd. | 4        |
| 27       | 3256-24  | Washer - Flat           | 16       |
| 28       | 48-9590  | Washer - Lock           | 16       |

|     |           |                         |    |
|-----|-----------|-------------------------|----|
| 29  | 48-7780   | Screw - Cap Hex. Hd.    | 16 |
| 30  | 3255-8    | Washer - Lock E.T.L.W.  | 1  |
| 31  | 83-9210   | Cable - Ground          | 1  |
| 32  | 3234-5    | Screw - Hex. Washer Hd. | 1  |
| 33  | 3230-1    | Screw - Carriage        | 1  |
| 34  | 83-7700   | Bracket - Alternator    | 1  |
| 35  | 2412-39   | Clamp - R               | 2  |
| †36 | 185046210 | Alternator              | 1  |
| 37  | 322-7     | Screw - Cap Hex. Hd.    | 2  |
| 38  | 83-9020   | Belt - V                | 1  |
| †39 | 145306380 | Fan                     | 1  |
| 40  | 321-14    | Screw - Cap Hex. Hd.    | 4  |
| 41  | 48-8010   | Washer - Flat           | 4  |
| 42  | 83-7620   | Spacer - Fan            | 1  |
| 43  | 83-7630   | Pulley - Fan            | 1  |
| 44  | 83-7610   | Hub - Fan               | 1  |
| 45  | 32120-10  | Ring - Retaining        | 1  |
| 47  | 83-9880   | Bracket - Fan Spindle   | 1  |
| 48  | 83-8410   | Pulley - Engine         | 1  |
| 49  | 36-7290   | Spindle - Fan           | 1  |
| 50  | 62-9510   | Washer - Flat           | 1  |
| 51  | 83-8220   | Bracket - Muffler       | 1  |
| 52  | 83-8500   | Muffler                 | 1  |
| 53  | 3234-28   | Screw - Hex. Washer Hd. | 1  |
| 54  | 83-7540   | Engine Assembly         | 1  |
| 55  | 83-7590   | Pulley - Engine         | 1  |

†Obtain from your local Perkins Dealer.

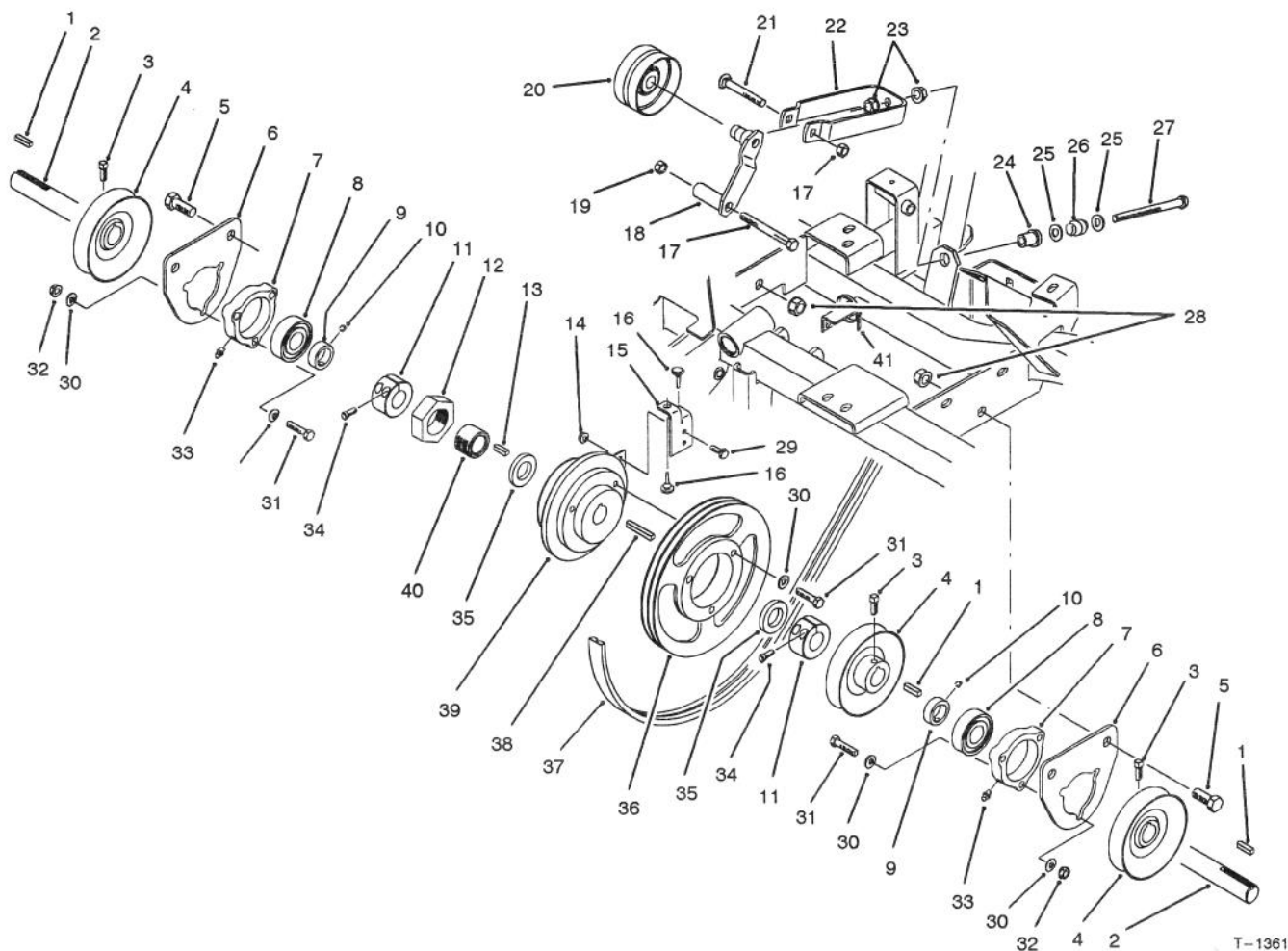


T-1360

## ENGINE INSTALLATION ASSEMBLY (Continued)

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 56       | 83-8470  | Bracket - Engine Mount | 2        |
| 57       | 65-8270  | Washer                 | 1        |
| 58       | 83-9910  | Gasket - Muffler       | 1        |

| Ref. No. | Part No. | Description | No. Used |
|----------|----------|-------------|----------|
| 59       | 3290-379 | Tie - Cable | 2        |
| 60       | 57-6390  | Nut         | 1        |
| 61       | 42-9850  | Washer      | 1        |

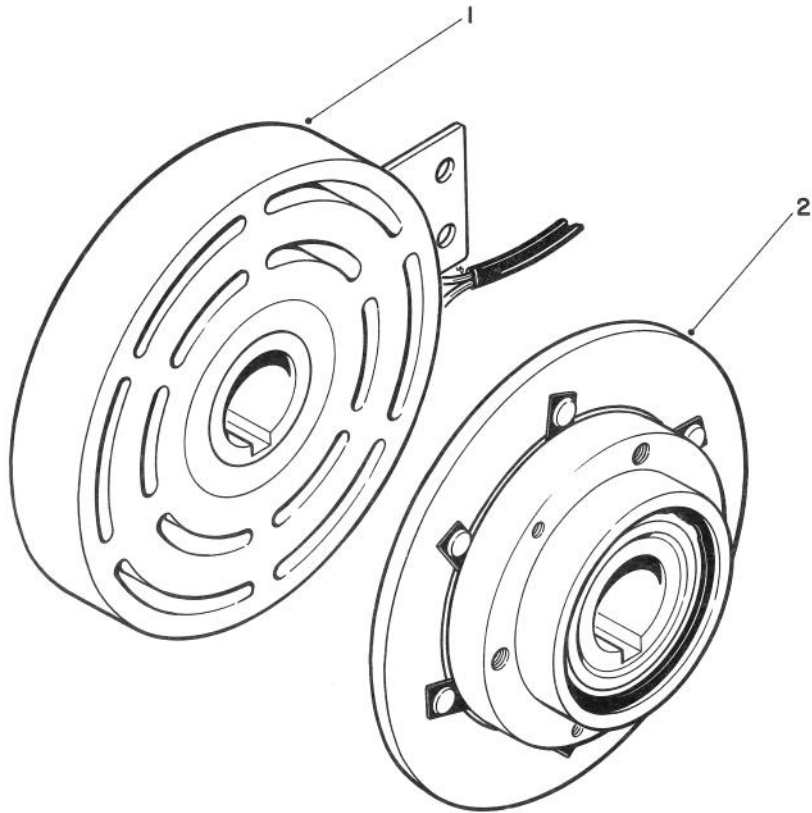


T-1361

## REEL DRIVE ASSEMBLY

| Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|---------------------------------------------|----------|
| 1        | 5-7280   | Key - Square                                | 3        |
| 2        | 83-7820  | Shaft - Drive                               | 1        |
| 3        | 3242-4   | Screw - Square Hd. Set                      | 6        |
| 4        | 61-0140  | Pulley - Reel                               | 3        |
| 5        | 3234-32  | Screw - Cap Hex. Hd.                        | 4        |
| 6        | 61-2350  | Support - Bearing                           | 2        |
| 7        | 76-2460  | Bearing Assembly<br>(Incl. Ref. #7-10 & 33) | 2        |
| 8        | 251-337  | Bearing - Ball                              | 2        |
| 9        | 251-77   | Collar - Locking                            | 2        |
| 10       | 3245-35  | Screw - Set                                 | 4        |
| 11       | 83-7790  | Collar                                      | 2        |
| 12       | 3218-17  | Nut - Jam                                   | 1        |
| 13       | 10-7070  | Key - Square                                | 1        |
| 14       | 32128-33 | Nut - Flange Lock                           | 2        |
| 15       | 83-7830  | Retainer - Clutch                           | 1        |
| 16       | 240-13   | Bumper                                      | 2        |
| 17       | 3296-39  | Nut - Lock                                  | 2        |
| 18       | 83-8620  | Bracket - Idler                             | 1        |
| 19       | 323-15   | Screw - Cap Hex. Hd.                        | 1        |
| 20       | 83-8400  | Pulley - Idler                              | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 21       | 3231-31  | Bolt - Carriage         | 1        |
| 22       | 83-8630  | Yoke - Belt Tension     | 1        |
| 23       | 32128-43 | Nut - Flange Lock       | 2        |
| 24       | 83-9810  | Bushing - Flange        | 1        |
| 25       | 3256-24  | Washer - Flat           | 2        |
| 26       | 83-9690  | Spring - Compression    | 1        |
| 27       | 83-9680  | Screw - Cap Hex. Hd.    | 1        |
| 28       | 3296-23  | Nut - Flange Lock       | 4        |
| 29       | 3234-4   | Screw - Hex. Flange Hd. | 2        |
| 30       | 3256-23  | Washer - Flat           | 15       |
| 31       | 322-17   | Screw - Cap Hex. Hd.    | 9        |
| 32       | 3296-29  | Nut - Flange Lock       | 6        |
| 33       | 302-5    | Fitting - Grease        | 2        |
| 34       | 3273-18  | Screw - Hex. Socket Hd. | 4        |
| 35       | 83-7810  | Spacer                  | 2        |
| 36       | 83-8420  | Pulley - Clutch         | 1        |
| 37       | 83-8490  | Belt - Drive            | 1        |
| 38       | 83-8080  | Key - Square            | 1        |
| 39       | 83-9140  | Clutch Assembly         | 1        |
| 40       | 83-7800  | Sleeve                  | 1        |
| 41       | 3290-379 | Tie - Cable             | 1        |

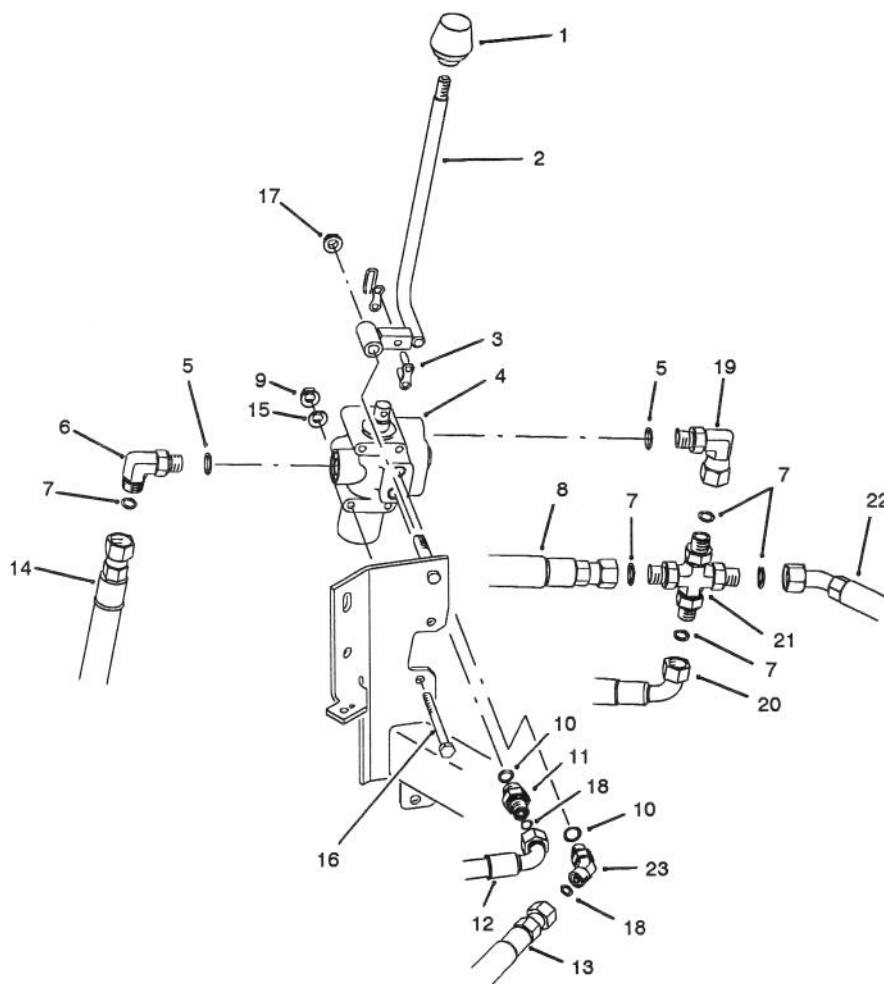


T-1362

## ELECTRIC CLUTCH ASSEMBLY NO. 83-9140

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 1        | 84-7770  | Field & Rotor Assembly | 1        |

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 2        | 84-7780  | Armature Assembly | 1        |

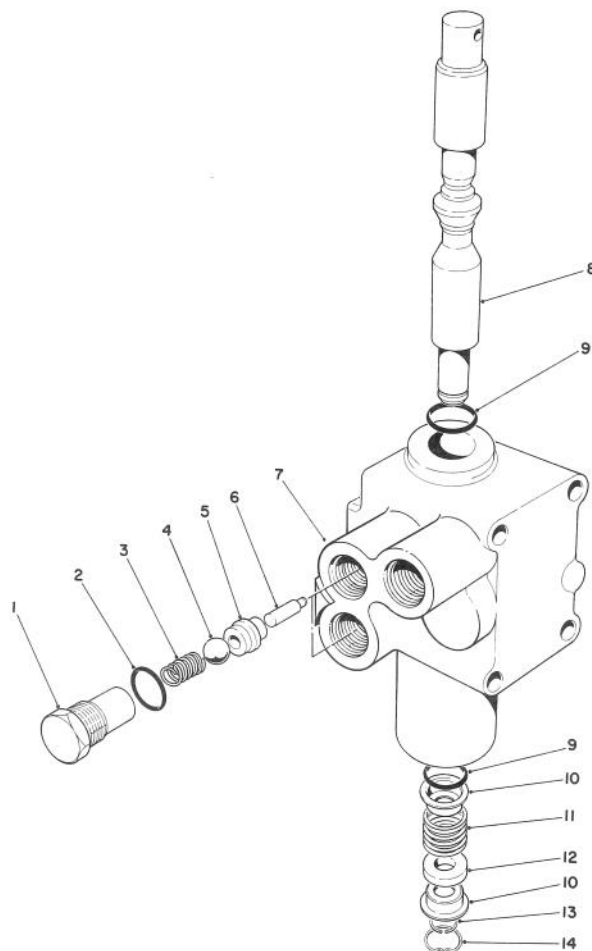


T-1363

## CUTTING UNIT LIFT VALVE INSTALLATION ASSEMBLY

| Ref. No. | Part No. | Description                                           | No. Used |
|----------|----------|-------------------------------------------------------|----------|
| 1        | 233-37   | Knob                                                  | 1        |
| 2        | 85-5160  | Lever - Lift Valve                                    | 1        |
| 3        | 2710-16  | Connecting Link Assembly                              | 1        |
| 4        | 43-1950  | Lift Valve Assembly                                   | 1        |
| 5        | 237-42   | Seal - O-Ring                                         | 1        |
| 6        | 340-77   | Fitting - Hydraulic 90°<br>(Incl. Ref. #5 & 7)        | 1        |
| 7        | 237-22   | Seal - O-Ring                                         | 5        |
| 8        | 92-1177  | Hose - Hydraulic                                      | 1        |
| 9        | 3296-16  | Nut - Flange Lock                                     | 2        |
| 10       | 237-78   | Seal - O-Ring                                         | 2        |
| 11       | 340-92   | Fitting - Hydraulic Straight<br>(Incl. Ref. #10 & 18) | 1        |
| 12       | 83-9620  | Hose - Hydraulic                                      | 1        |

| Ref. No. | Part No. | Description                                      | No. Used |
|----------|----------|--------------------------------------------------|----------|
| 13       | 85-5810  | Hose - Hydraulic                                 | 1        |
| 14       | 83-9640  | Hose - Hydraulic                                 | 1        |
| 15       | 3256-22  | Washer - Flat                                    | 2        |
| 16       | 321-23   | Screw - Cap Hex. Hd.                             | 2        |
| 17       | 3296-39  | Nut - Flange Lock                                | 1        |
| 18       | 237-21   | Seal - O-Ring                                    | 2        |
| 19       | 340-110  | Fitting - Hydraulic 90°<br>(Incl. Ref. #5)       | 1        |
| 20       | 85-4990  | Hose - Hydraulic                                 | 1        |
| 21       | 340-23   | Fitting - Hydraulic Cross<br>(Incl. Ref. #7)     | 1        |
| 22       | 85-5190  | Hose - Hydraulic                                 | 1        |
| 23       | 340-103  | Fitting - Hydraulic 45°<br>(Incl. Ref. #10 & 18) | 1        |

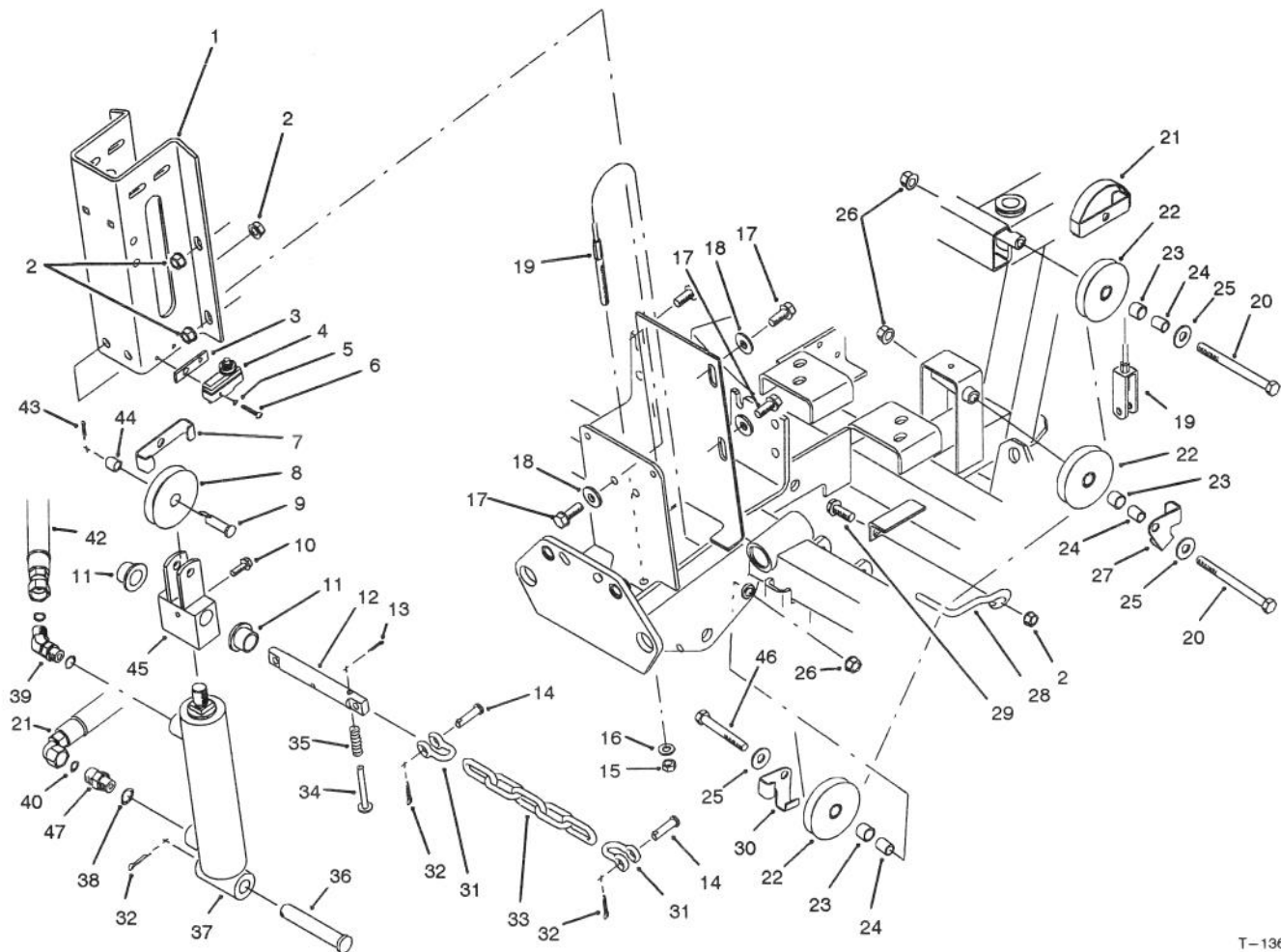


T-0280

## CONTROL VALVE ASSEMBLY NO. 43-1950

| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| 1        | 22-8330  | Plug               | 2        |
| 2        | 237-42   | Seal - O-Ring      | 2        |
| 3        | 22-8340  | Spring             | 2        |
| 4        | 22-8350  | Ball               | 2        |
| 5        | 22-8370  | Seat - Check Valve | 2        |
| 6        | 22-8360  | Pin - Cam          | 2        |
| 7        |          | Body               | 1        |

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 8        | 22-8420  | Spool             | 1        |
| 9        | 22-8500  | Seal - O-Ring     | 2        |
| 10       | 22-8380  | Retainer - Spring | 2        |
| 11       | 22-8410  | Spring            | 1        |
| 12       | 23-3030  | Spacer            | 1        |
| 13       | 22-8480  | Snap Ring - Spool | 1        |
| 14       | 22-8490  | Snap Ring         | 1        |

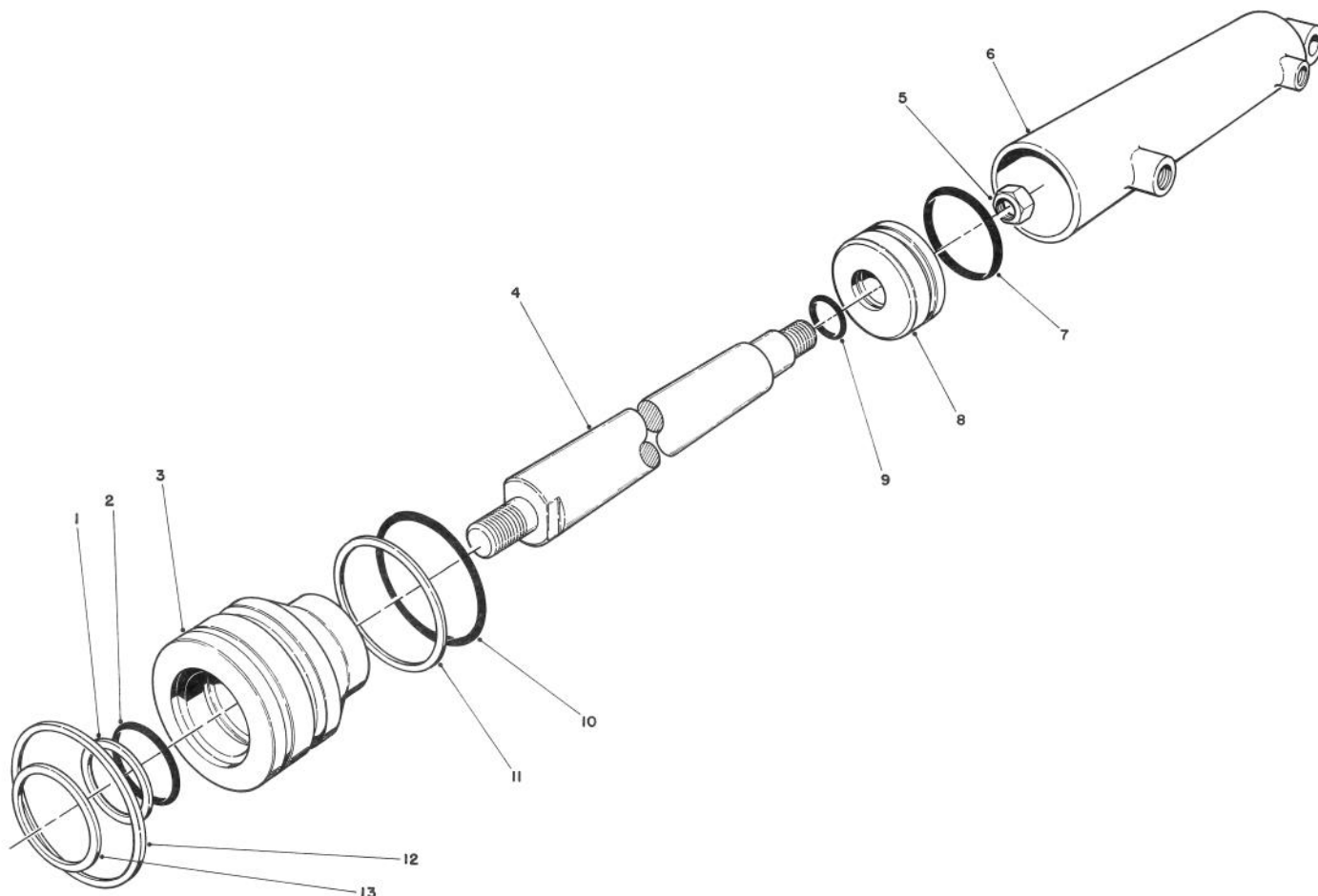


T-1364

## CUTTING UNIT LIFT ASSEMBLY

| Ref. No. | Part No. | Description                            | No. Used |
|----------|----------|----------------------------------------|----------|
| 1        | 83-9760  | Bracket - Cylinder Support             | 1        |
| 2        | 32128-43 | Nut - Flange Lock                      | 7        |
| 3        | 61-2990  | Spacer - Switch                        | 1        |
| 4        | 29-6163  | Switch - Lift                          | 1        |
| 5        | 3254-9   | Washer - Lock Internal                 | 2        |
| 6        | 3250-35  | Screw - Pan Hd.                        | 2        |
| 7        | 5-2655   | Keeper - Cable                         | 1        |
| 8        | 5-2653   | Cable Pulley Assembly (Incl. Ref. #44) | 1        |
| 9        | 283-42   | Pin - Clevis                           | 1        |
| 10       | 3234-4   | Screw - Hex. Washer Hd.                | 1        |
| 11       | 84-8440  | Bushing - Flange                       | 2        |
| 12       | 72-4190  | Pin - Cylinder Guide                   | 1        |
| 13       | 3272-4   | Pin - Cotter                           | 1        |
| 14       | 283-6    | Pin - Clevis                           | 4        |
| 15       | 3296-4   | Nut - Lock                             | 1        |
| 16       | 3256-23  | Washer - Flat                          | 1        |
| 17       | 3234-25  | Screw - Hex. Washer Hd.                | 5        |
| 18       | 80-6990  | Washer                                 | 4        |
| 19       | 83-8590  | Cable - Lift                           | 1        |
| 20       | 323-17   | Screw - Cap Hex. Hd.                   | 2        |
| 21       | 61-3240  | Keeper - Cable                         | 1        |
| 22       | 61-3210  | Cable Pulley Assembly (Incl. Ref. #23) | 3        |
| 23       | 256-1    | Bushing - Sleeve                       | 3        |
| 24       | 61-3230  | Spacer                                 | 3        |

| Ref. No. | Part No. | Description                                        | No. Used |
|----------|----------|----------------------------------------------------|----------|
| 25       | 3256-24  | Washer - Flat                                      | 3        |
| 26       | 3296-39  | Nut - Flange Lock                                  | 3        |
| 27       | 83-9130  | Keeper - Cable                                     | 1        |
| 28       | 63-1400  | Guide - Cable                                      | 1        |
| 29       | 3234-11  | Screw - Hex. Washer Hd.                            | 1        |
| 30       | 5-2656   | Keeper - Cable                                     | 1        |
| 31       | 282-4    | Clevis                                             | 4        |
| 32       | 3272-11  | Pin - Cotter                                       | 5        |
| 33       | 61-3830  | Chain - Lift                                       | 2        |
| 34       | 71-1380  | Pin - Spring                                       | 1        |
| 35       | 71-1370  | Spring - Compression                               | 1        |
| 36       | 283-78   | Pin - Clevis                                       | 1        |
| 37       | 76-0020  | Hydraulic Cylinder Assembly                        | 1        |
| 38       | 237-42   | Seal - O-Ring                                      | 2        |
| 39       | 340-87   | Fitting - Hydraulic 45° (Incl. Ref. #38 & 40)      | 1        |
| 40       | 237-22   | Seal - O-Ring                                      | 2        |
| 41       | 85-5310  | Hose - Hydraulic                                   | 1        |
| 42       | 83-9620  | Hose - Hydraulic                                   | 1        |
| 43       | 3272-6   | Pin - Cotter                                       | 1        |
| 44       | 61-2430  | Hub - Lift                                         | 1        |
| 45       | 256-2    | Bushing - Sleeve                                   | 1        |
| 46       | 323-13   | Screw - Cap Hex. Hd.                               | 1        |
| 47       | 340-2    | Fitting - Hydraulic Straight (Incl. Ref. #38 & 40) | 1        |



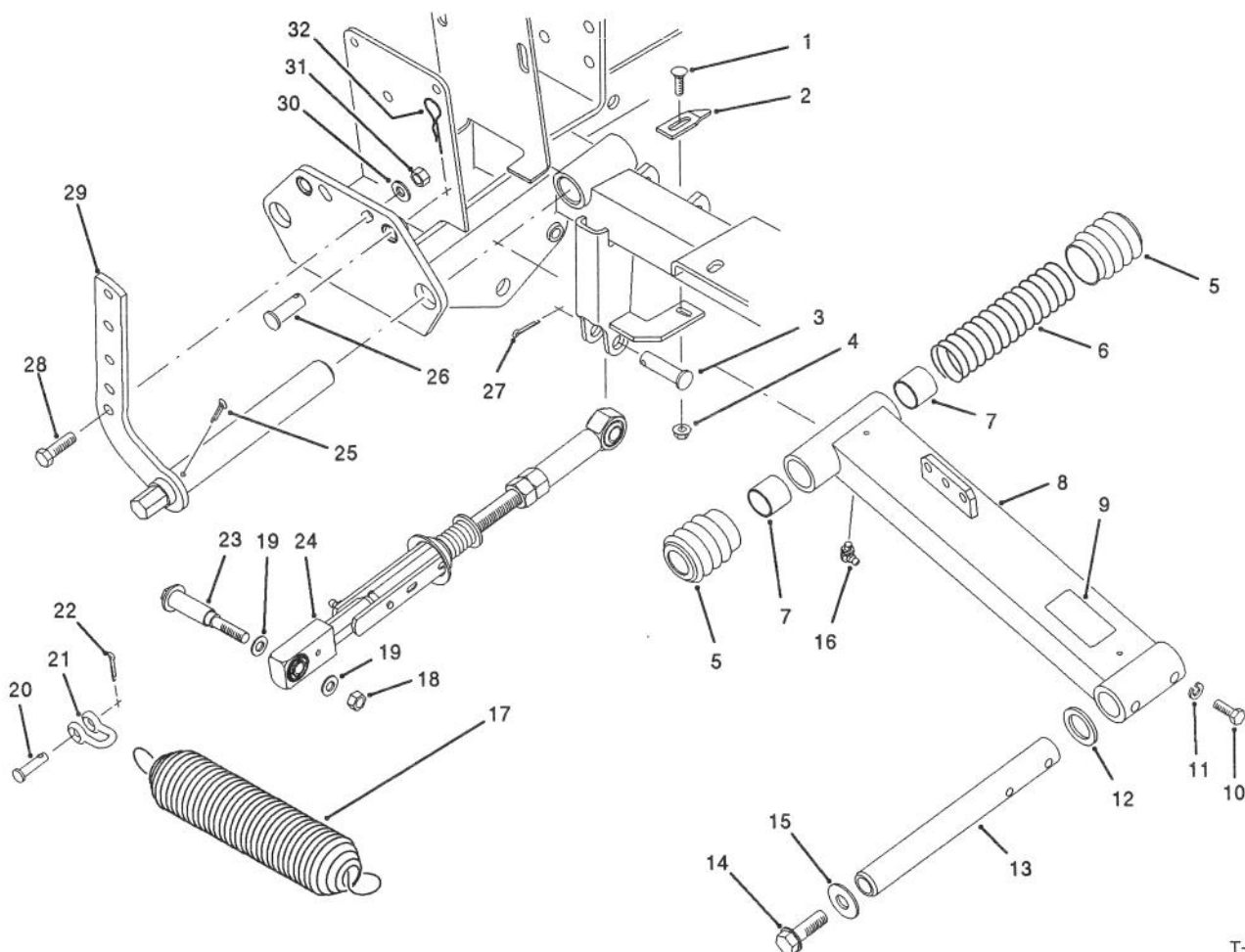
T-0278

## HYDRAULIC CYLINDER ASSEMBLY NO. 76-0020

| Ref. No. | Part No. | Description     | No. Used |
|----------|----------|-----------------|----------|
| 1        |          | Washer - Backup | 1        |
| 2        |          | Seal - O-Ring   | 1        |
| 3        | 76-0090  | Head            | 1        |
| 4        | 76-2320  | Shaft           | 1        |
| 5        | 76-2330  | Nut - Lock      | 1        |
| 6        |          | Barrel          | 1        |
| 7        |          | Uniring         | 1        |
| 8        | 76-0040  | Piston          | 1        |

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 9        |          | Seal - O-Ring                                 | 1        |
| 10       |          | Seal - O-Ring                                 | 1        |
| 11       |          | Washer - Backup                               | 1        |
| 12       | 76-0050  | Ring - Retaining                              | 1        |
| 13       |          | Seal-Dust                                     | 1        |
| *        | 76-0030  | Repair Kit<br>(Incl. Ref. #1-2, 7, 9-11 & 13) | 1        |

\*Not Illustrated



T-1365

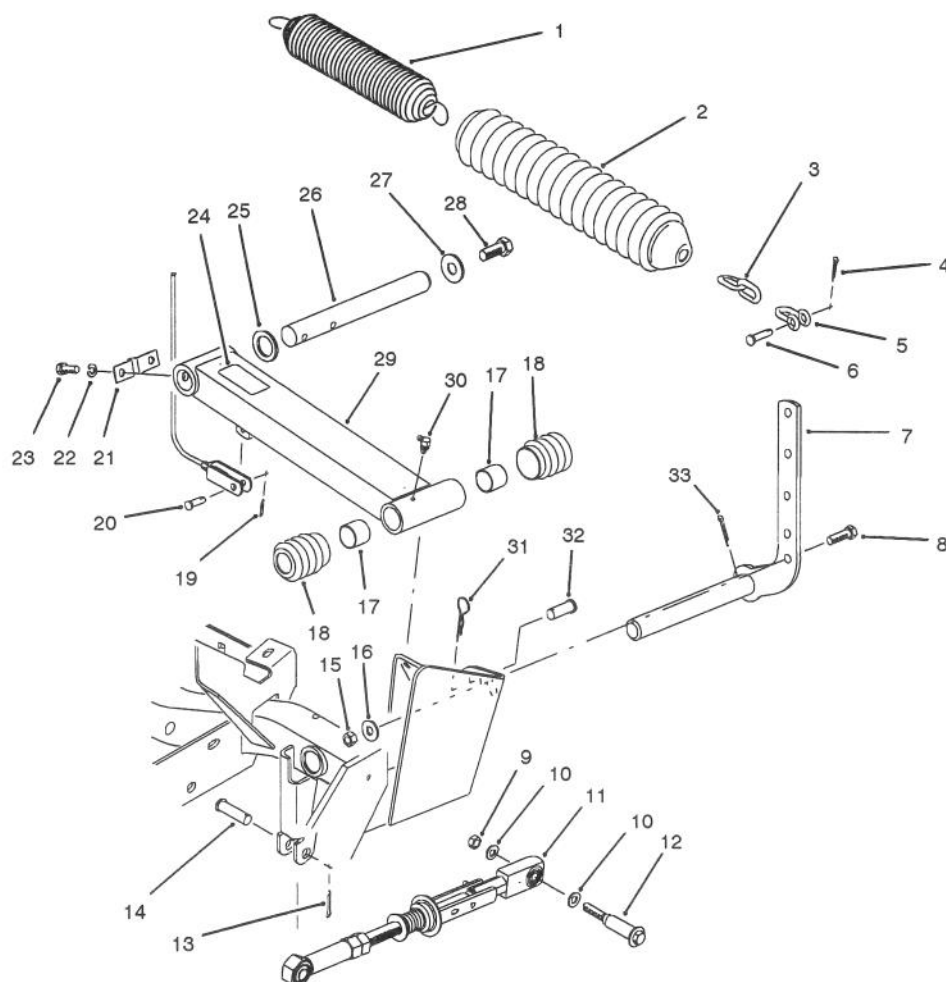
## FRONT CUTTING UNIT LIFT ARM ASSEMBLY

| Ref. No. | Part No. | Description                                    | No. Used |
|----------|----------|------------------------------------------------|----------|
| 1        | 3229-1   | Bolt - Carriage                                | 2        |
| 2        | 76-2430  | Scraper - Pulley                               | 2        |
| 3        | 283-40   | Pin - Clevis                                   | 2        |
| 4        | 32128-33 | Nut - Flange Lock                              | 2        |
| 5        | 61-7250  | Boot                                           | 4        |
| 6        | 61-3270  | Spring - Compression                           | 2        |
| 7        | 3-0348   | Bushing - Sleeve                               | 4        |
| 8        | 61-2880  | Lift Arm Assembly L.H.<br>(Incl. Ref. #7 & 16) | 1        |
| *        | 61-2830  | Lift Arm Assembly R.H.<br>(Incl. Ref. #7 & 16) | 1        |
| ‡9       | 55-4300  | Decal - Warning                                | 2        |
| 10       | 322-4    | Screw - Cap Hex. Hd.                           | 4        |
| 11       | 3253-4   | Washer - Lock                                  | 4        |
| 12       | 256-115  | Washer - Thrust                                | 2        |
| 13       | 61-3000  | Rod - Pivot                                    | 2        |
| 14       | 3234-32  | Screw - Hex. Flange Hd.                        | 2        |
| 15       | 3256-6   | Washer - Flat                                  | 2        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 16       | 302-60   | Fitting - Grease        | 2        |
| 17       | 5-0743   | Spring - Extension      | 2        |
| 18       | 3296-59  | Nut - Lock              | 2        |
| 19       | 3256-45  | Washer - Flat           | 4        |
| 20       | 283-6    | Pin - Clevis            | 2        |
| 21       | 282-4    | Clevis                  | 2        |
| 22       | 3272-11  | Pin - Cotter            | 2        |
| 23       | 76-0370  | Bolt - Shoulder         | 2        |
| 24       | 83-7900  | Belt Tensioner Assembly | 2        |
| 25       | 3272-17  | Pin - Cotter            | 2        |
| 26       | 283-8    | Pin - Clevis            | 2        |
| 27       | 3272-13  | Pin - Cotter            | 2        |
| 28       | 323-7    | Screw - Cap Hex. Hd.    | 2        |
| 29       | 61-2930  | Shaft - Pivot L.H.      | 1        |
| *        | 61-2900  | Shaft - Pivot R.H.      | 1        |
| 30       | 3256-24  | Washer - Flat           | 2        |
| 31       | 3296-39  | Nut - Lock              | 2        |
| 32       | 3290-322 | Pin - Hair              | 2        |

\*Not Illustrated

‡For different language versions of this part, see International Decal Cross Reference.

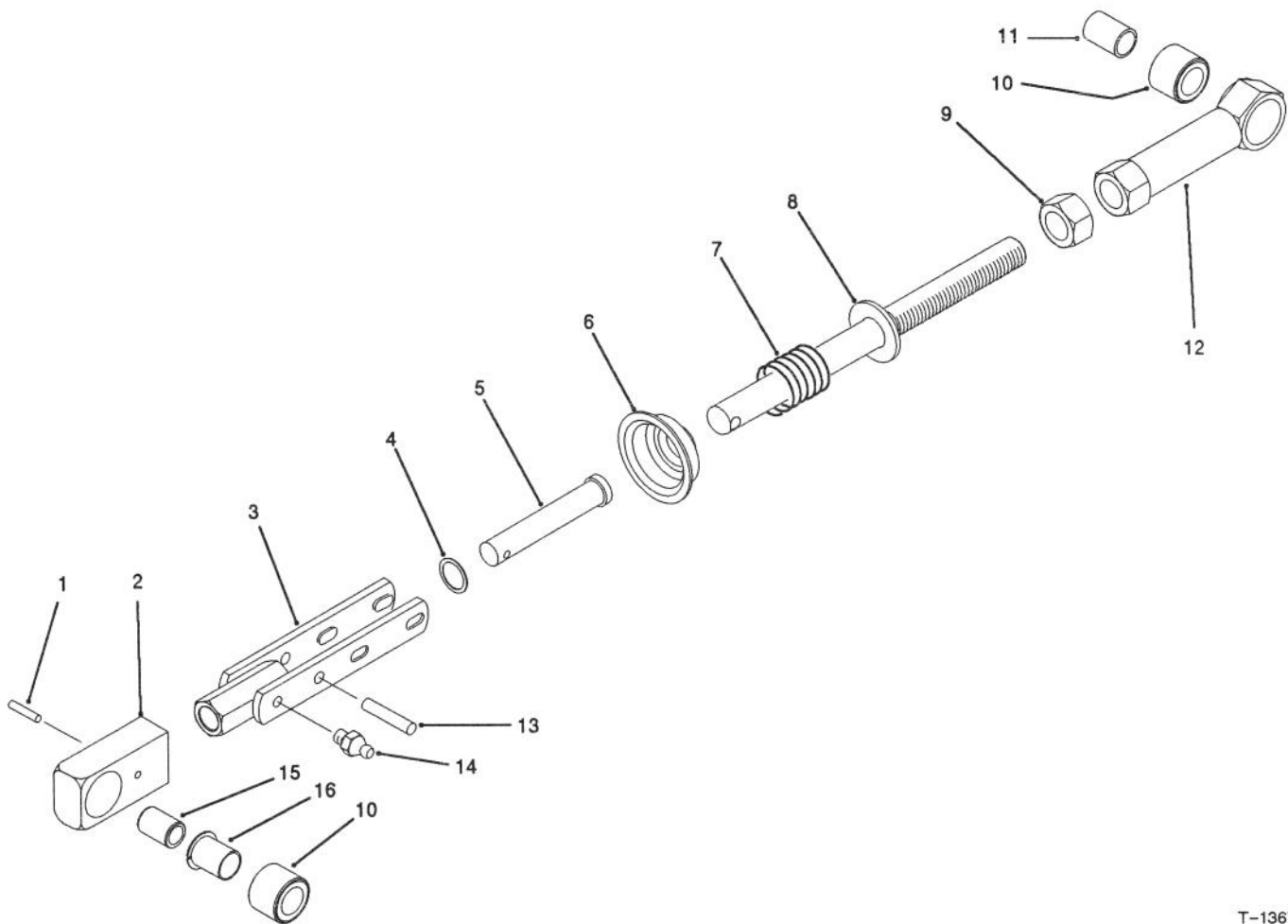


T-1366

## REAR CUTTING UNIT LIFT ARM ASSEMBLY

| Ref. No. | Part No. | Description             | No. Used | Ref. No. | Part No. | Description                                | No. Used |
|----------|----------|-------------------------|----------|----------|----------|--------------------------------------------|----------|
| 1        | 5-0743   | Spring - Extension      | 1        | 18       | 62-7250  | Boot                                       | 2        |
| 2        | 62-7240  | Cover - Spring          | 1        | 19       | 3272-6   | Pin - Cotter                               | 1        |
| 3        | 62-7300  | Chain                   | 1        | 20       | 283-1    | Pin - Clevis                               | 1        |
| 4        | 3272-11  | Pin - Cotter            | 1        | 21       | 61-3820  | Retainer - Cable                           | 1        |
| 5        | 282-4    | Clevis                  | 1        | 22       | 3253-4   | Washer - Lock                              | 2        |
| 6        | 283-6    | Pin - Clevis            | 1        | 23       | 322-4    | Screw - Cap Hex. Hd.                       | 2        |
| 7        | 61-2930  | Shaft - Pivot           | 1        | ‡24      | 55-4300  | Decal - Warning                            | 1        |
| 8        | 323-7    | Screw - Cap Hex. Hd.    | 1        | 25       | 256-115  | Washer - Thrust                            | 1        |
| 9        | 3296-59  | Nut - Lock              | 2        | 26       | 61-3000  | Rod - Pivot                                | 1        |
| 10       | 3256-45  | Washer - Flat           | 4        | 27       | 3256-6   | Washer - Flat                              | 1        |
| 11       | 83-7900  | Belt Tensioner Assembly | 2        | 28       | 3234-32  | Screw - Cap Hex. Hd.                       | 1        |
| 12       | 76-0370  | Bolt - Shoulder         | 2        | 29       | 61-2890  | Lift Arm Assembly<br>(Incl. Ref. #17 & 30) | 1        |
| 13       | 3272-13  | Pin - Cotter            | 2        | 30       | 302-60   | Fitting - Grease                           | 1        |
| 14       | 283-40   | Pin - Clevis            | 2        | 31       | 3290-322 | Pin - Hair                                 | 1        |
| 15       | 3296-39  | Nut - Lock              | 1        | 32       | 283-8    | Pin - Clevis                               | 1        |
| 16       | 3256-24  | Washer - Flat           | 1        | 33       | 3272-17  | Pin - Cotter                               | 1        |
| 17       | 3-0348   | Bushing - Sleeve        | 2        |          |          |                                            |          |

‡For different language versions of this part, see International Decal Cross Reference.

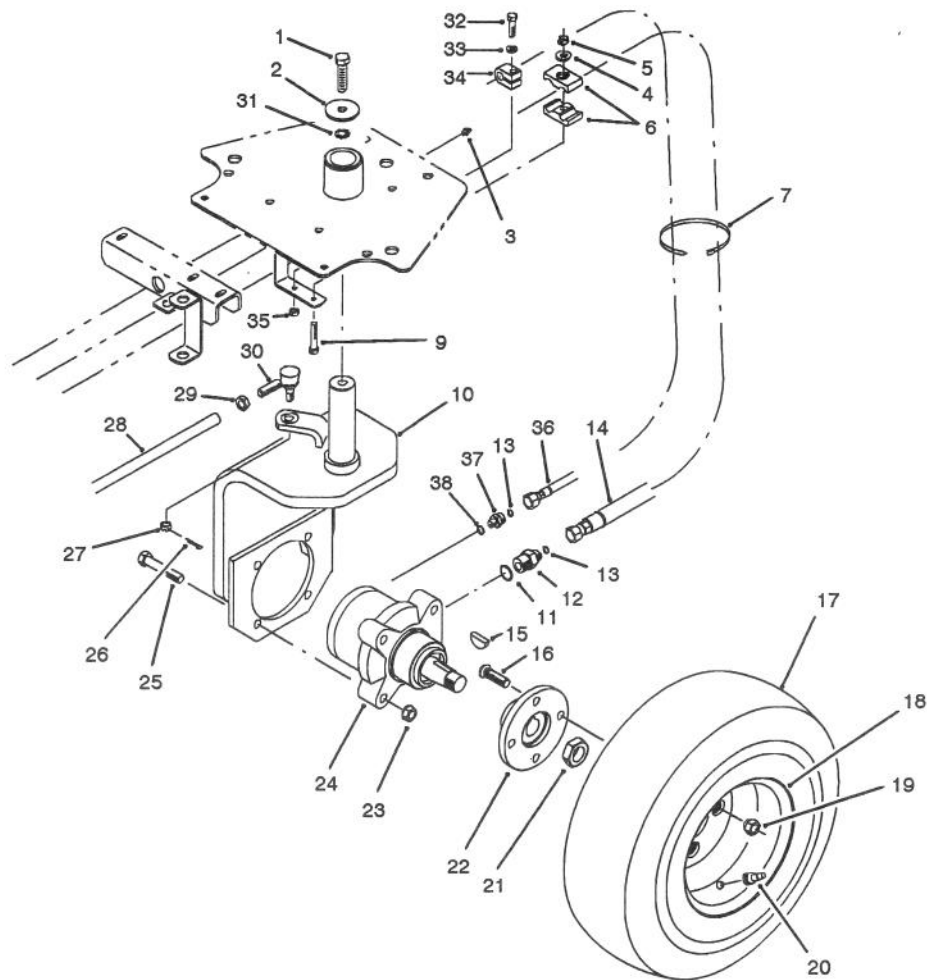


T-1367

## BELT TENSIONER ASSEMBLY NO. 83-7900

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 1        | 32121-23 | Pin - Roll           | 1        |
| 2        | 76-0350  | Housing - Bushing    | 1        |
| 3        | 83-7930  | Yoke                 | 1        |
| 4        | 3256-54  | Washer - Flat        | 1        |
| 5        | 283-55   | Pin - Clevis         | 1        |
| 6        | 76-0360  | Cup - Retainer       | 1        |
| 7        | 76-0410  | Spring - Compression | 1        |
| 8        | 83-7910  | Rod                  | 1        |

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 9        | 3218-6   | Nut - Jam         | 1        |
| 10       | 56-9510  | Bushing Assembly  | 2        |
| 11       | 256-173  | Bushing - Sleeve  | 1        |
| 12       | 76-0300  | Housing - Bushing | 1        |
| 13       | 32121-9  | Pin - Roll        | 1        |
| 14       | 302-5    | Fitting - Grease  | 1        |
| 15       | 76-0390  | Spacer            | 1        |
| 16       | 56-9520  | Bushing - Nyliner | 1        |

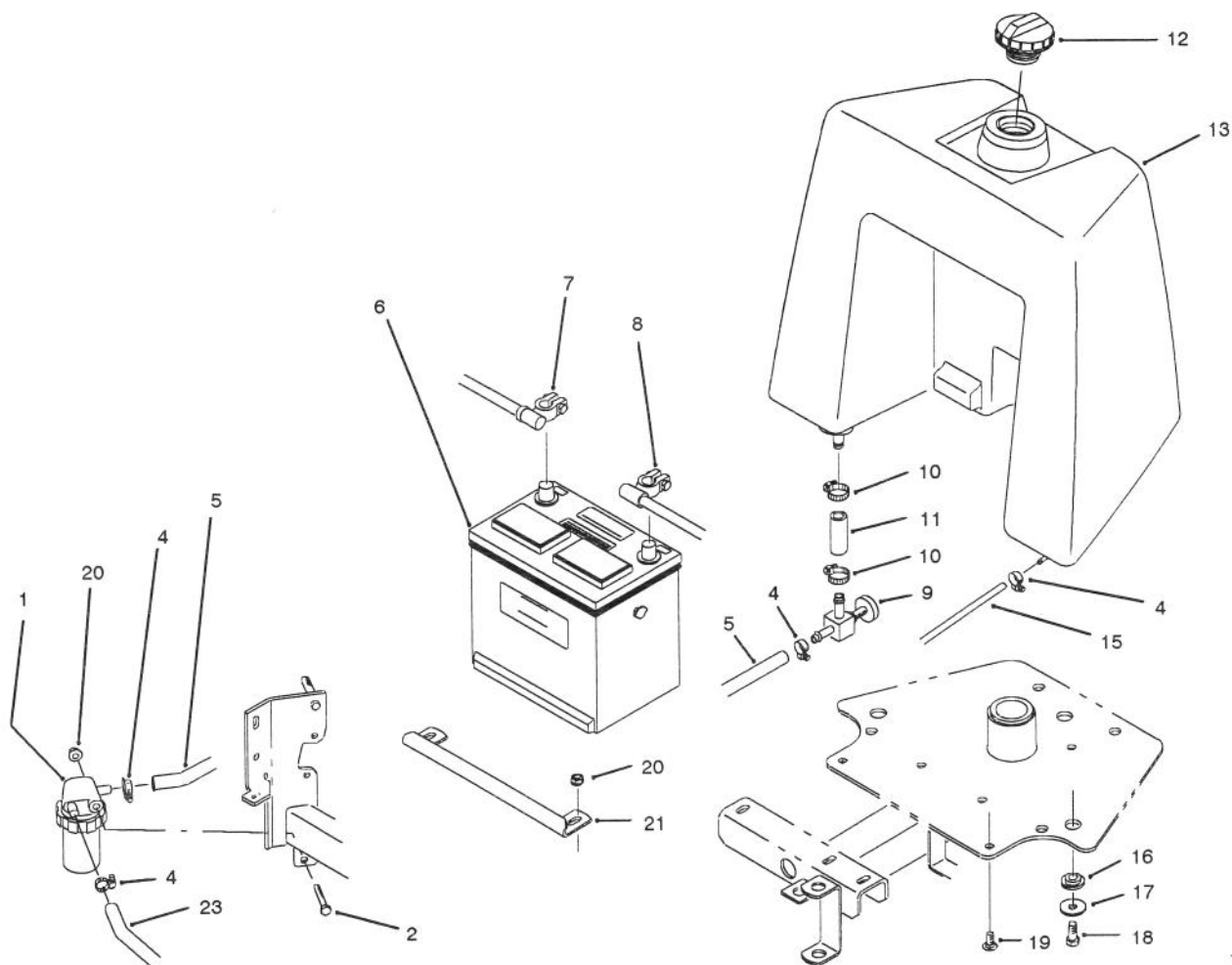


T-1369

## REAR WHEEL ASSEMBLY

| Ref. No. | Part No. | Description                                           | No. Used |
|----------|----------|-------------------------------------------------------|----------|
| 1        | 325-6    | Screw - Cap Hex. Hd.                                  | 1        |
| 2        | 75-7730  | Spacer                                                | 1        |
| 3        | 302-5    | Fitting - Grease                                      | 1        |
| 4        | 3256-3   | Washer - Flat                                         | 1        |
| 5        | 3296-29  | Nut - Flange Lock                                     | 1        |
| 6        | 56-7976  | Clamp - Hose                                          | 2        |
| 7        | 3290-379 | Tie - Cable                                           | 1        |
| 9        | 322-9    | Screw - Cap Hex. Hd.                                  | 1        |
| 10       | 83-7270  | Fork - Caster                                         | 1        |
| 11       | 237-80   | Seal - O-Ring                                         | 2        |
| 12       | 340-141  | Fitting - Hydraulic Straight<br>(Incl. Ref. #11 & 13) | 2        |
| 13       | 237-22   | Seal - O-Ring                                         | 3        |
| 14       | 80-4090  | Hose - Hydraulic                                      | 2        |
| 15       | 3257-15  | Key - Woodruff                                        | 1        |
| 16       | 10-6830  | Stud - Drive                                          | 4        |
| 17       | 231-127  | Tire                                                  | 1        |
| 18       | 242-76   | Rim                                                   | 1        |
| 19       | 242-50   | Nut - Lug                                             | 4        |
| 20       | 232-47   | Valve - Stem                                          | 1        |
| 21       | 26-3790  | Nut - Lock                                            | 1        |

| Ref. No. | Part No. | Description                                           | No. Used |
|----------|----------|-------------------------------------------------------|----------|
| 22       | 10-6870  | Hub - Wheel                                           | 1        |
| 23       | 3296-23  | Nut - Flange Lock                                     | 4        |
| 24       | 66-5291  | Hydraulic Motor Assembly<br>(Incl. Ref. #15)          | 1        |
| 25       | 325-11   | Screw - Cap Hex. Hd.                                  | 4        |
| 26       | 3272-6   | Pin - Cotter                                          | 1        |
| 27       | 32136-4  | Nut - Castle                                          | 1        |
| 28       | 61-2070  | Rod - Steering                                        | 1        |
| 29       | 3220-12  | Nut - Jam                                             | 1        |
| 30       | 21-0140  | Rod End Assembly<br>(Incl. Ref. #27)                  | 1        |
| 31       | 3255-2   | Washer - Lock                                         | 1        |
| 32       | 321-8    | Screw - Cap Hex. Hd.                                  | 1        |
| 33       | 3256-22  | Washer - Flat                                         | 1        |
| 34       | 85-5200  | Clamp                                                 | 1        |
| 35       | 3296-42  | Nut - Lock                                            | 1        |
| 36       | 85-5190  | Hose - Hydraulic                                      | 1        |
| 37       | 340-88   | Fitting - Hydraulic Straight<br>(Incl. Ref. #13 & 38) | 1        |
| 38       | 237-78   | Seal - O-Ring                                         | 1        |



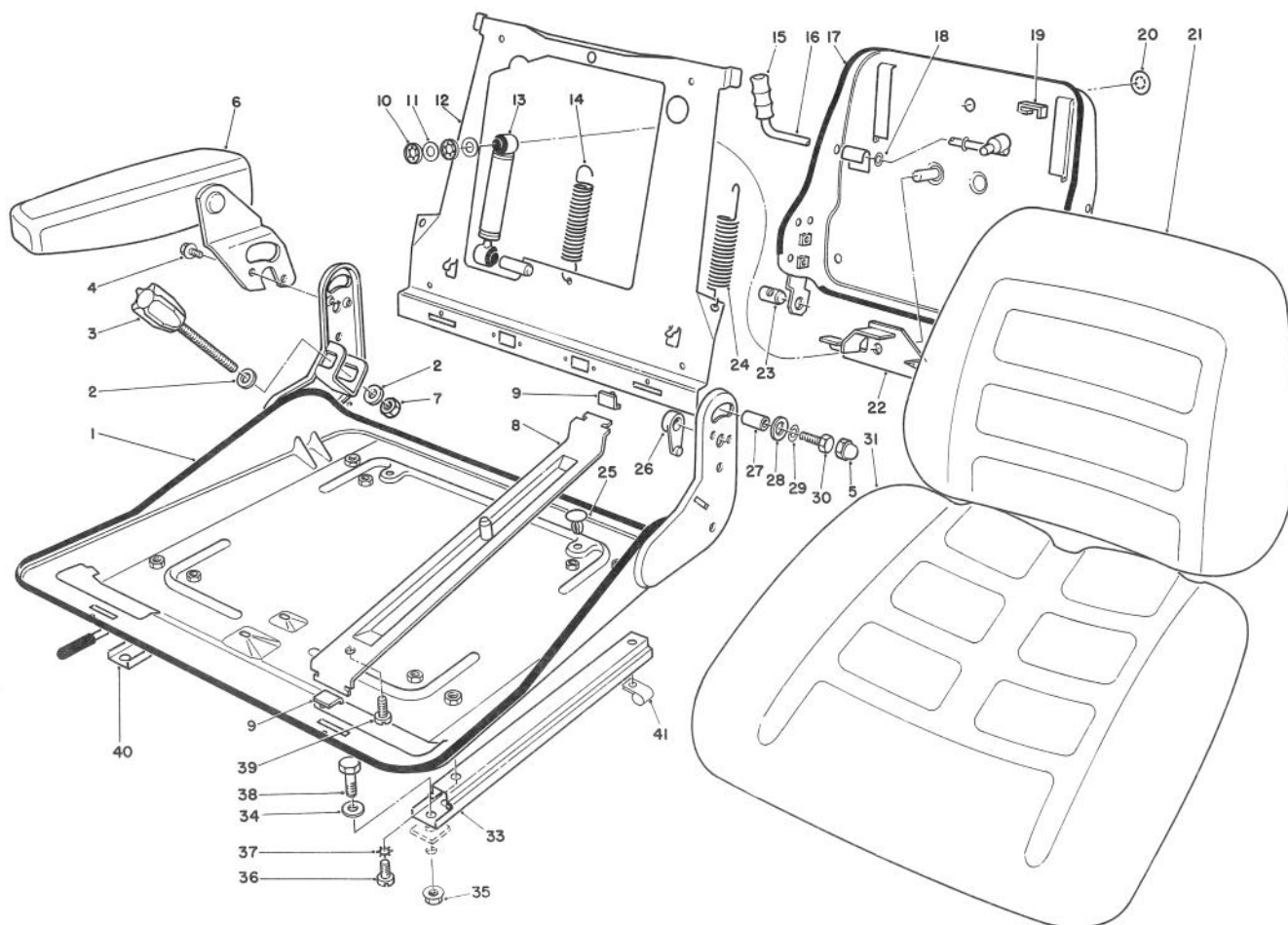
T-1370

## FUEL SYSTEM ASSEMBLY

| Ref. No. | Part No.  | Description           | No. Used |
|----------|-----------|-----------------------|----------|
| †1       | 130366040 | Fitter – Fuel         | 1        |
| 2        | 321-12    | Screw – Cap Hex. Hd.  | 1        |
| 4        | 2412-108  | Clamp – Hose          | 4        |
| 5        | 63-7620   | Hose – Fuel           | 1        |
| 6        | 83-9000   | Battery               | 1        |
| 7        | 83-9220   | Cable – Battery Pos.  | 1        |
| 8        | 83-9210   | Cable – Battery Neg.  | 1        |
| 9        | 56-2520   | Valve – Fuel Shut-Off | 1        |
| 10       | 2412-36   | Clamp – Hose          | 2        |
| 11       | 56-2230   | Hose – Fuel           | 1        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 12       | 70-8621  | Cap – Fuel Tank      | 1        |
| 13       | 83-8720  | Tank – Fuel          | 1        |
| 15       | 75-4703  | Hose – Fuel          | 1        |
| 16       | 240-11   | Grommet              | 3        |
| 17       | 63-8410  | Washer – Flat        | 3        |
| 18       | 323-5    | Screw – Cap Hex. Hd. | 3        |
| 19       | 3230-1   | Screw – Carriage     | 2        |
| 20       | 32128-44 | Nut – Flange Lock    | 3        |
| 21       | 83-9240  | Hold-Down – Battery  | 1        |
| 23       | 23-2140  | Hose – Fuel          | 1        |

†Obtain from your local Perkins Dealer.



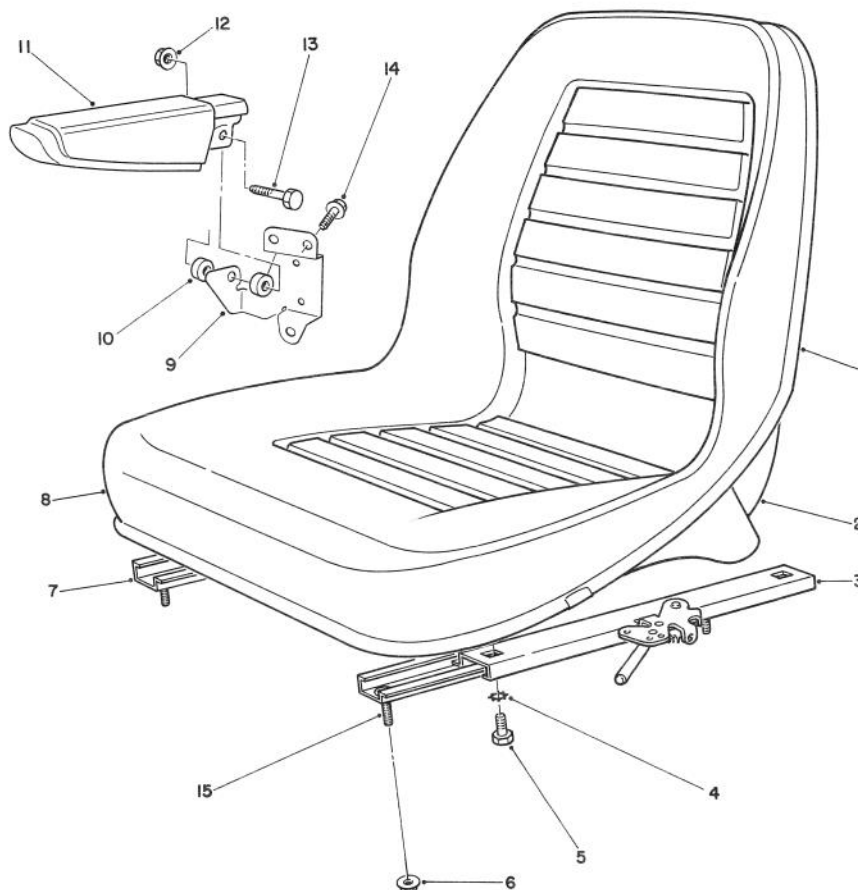
T-0281

## SEAT ASSEMBLY MODEL NO. 30797 (Optional)

| Ref. No. | Part No. | Description                        | No. Used |
|----------|----------|------------------------------------|----------|
| 1        | 56-3810  | Platform - Seat                    | 1        |
| 2        | 56-3880  | Washer - Flat                      | 2        |
| 3        | 56-3870  | Knob - Adjustment                  | 1        |
| 4        | 56-3850  | Screw - Hex. Hd. Machine           | 2        |
| 5        | 56-3960  | Cover - Screw                      | 4        |
| 6        | 55-4331  | Arm Rest Assembly R.H.             | 1        |
|          | 55-4330  | Arm Rest Assembly L.H.             | 1        |
| 7        | 56-3890  | Nut - Hex.                         | 1        |
| 8        | 56-3970  | Carrier - Seat                     | 2        |
| 9        | 56-3980  | Clip - Rail                        | 4        |
| 10       | 56-4080  | Clamp - Axle                       | 2        |
| 11       | 39-9500  | Washer - Flat                      | 2        |
| 12       | 56-4040  | Plate - Back                       | 1        |
| 13       | 62-7670  | Shock Absorber - Seat              | 1        |
| 14       | 56-4050  | Spring - Extension                 | 1        |
| 15       |          | Grip - Cover                       | 1        |
| 16       | 56-4150  | Lever - Handle<br>(Incl. Ref. #15) | 1        |
| 17       | 56-3820  | Cover - Seat Sack                  | 1        |
| 18       | 56-4160  | Washer - Flat                      | 2        |
| 19       | 56-4130  | Bumper                             | 2        |
| 20       | 56-4120  | Cover                              | 1        |
| 21       | 56-3800  | Cushion - Seat Back                | 1        |
| 22       | 56-4100  | Bracket - Lever                    | 1        |

| Ref. No. | Part No. | Description                                                       | No. Used |
|----------|----------|-------------------------------------------------------------------|----------|
| 23       | 56-4170  | Pin - Clevis                                                      | 1        |
| 24       | 56-4060  | Spring - Extension                                                | 1        |
| 25       | 56-4190  | Cap - Seat                                                        | 2        |
| 26       | 56-3900  | Spacer - Arm L.H.                                                 | 1        |
|          | 56-3910  | Spacer - Arm R.H.                                                 | 1        |
| 27       | 56-3920  | Bushing - Sleeve                                                  | 4        |
| 28       | 56-3930  | Washer - Flat                                                     | 4        |
| 29       | 56-3940  | Washer - Lock                                                     | 4        |
| 30       | 56-3950  | Screw - Cap Hex. Hd.                                              | 4        |
| 31       | 76-2240  | Cushion - Seat Bottom                                             | 1        |
| 32       | 55-8380  | Seat Wire Assembly                                                | 1        |
| 33       | 40-3820  | Bottom Rail Assembly L.H.                                         | 1        |
| 34       | 3256-23  | Washer - Flat                                                     | 4        |
| 35       | 32128-25 | Nut - Flange Lock                                                 | 4        |
| 36       | 56-4020  | Screw - Machine                                                   | 4        |
| 37       | 56-4030  | Washer - Lock                                                     | 4        |
| 38       | 322-3    | Screw - Cap Hex. Hd.                                              | 4        |
| 39       | 56-3990  | Screw - Machine                                                   | 2        |
| 40       | 40-3790  | Bottom Rail Assembly R.H.                                         | 1        |
| 41       | 2412-67  | Clamp - R                                                         | 1        |
| *        | 76-2230  | Seat Assembly<br>(Incl. Ref. #1-3, 5, 7-31,<br>33, 36-37 & 39-40) | 1        |

\*Not Illustrated



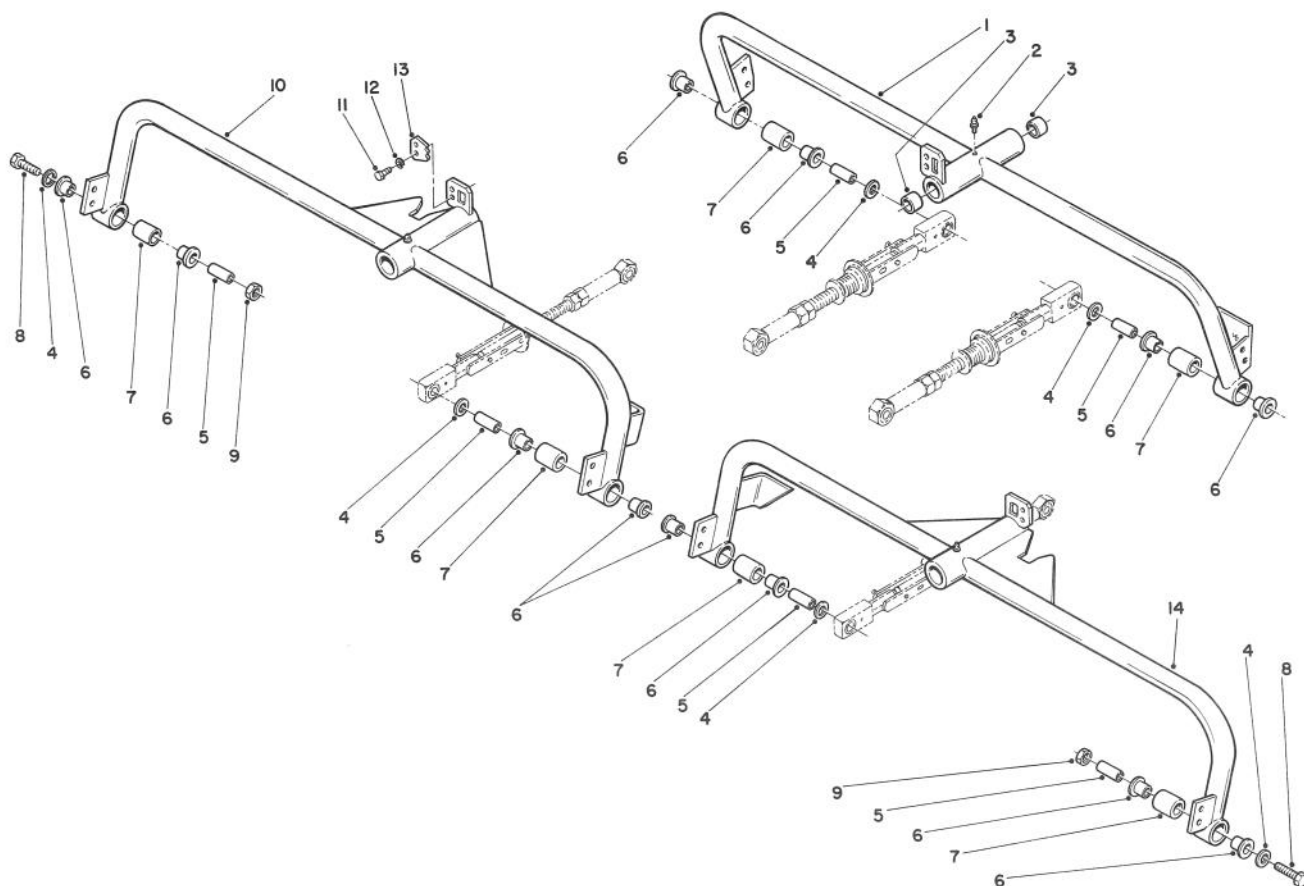
T-1070

## SEAT ASSEMBLY MODEL NO. 30796 (Optional)

| Ref. No. | Part No. | Description                            | No. Used | Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------------------------|----------|----------|----------|----------------------|----------|
| 1        |          | Trim                                   | 1        | †9       | 69-0770  | Bracket - Arm R.H.   | 1        |
| 2        |          | Shell                                  | 1        |          | 69-0760  | Bracket - Arm L.H.   | 1        |
| 3        | 80-4260  | Adjuster - L.H.                        | 1        | †10      | 69-1260  | Spacer               | 4        |
| 4        | 3255-8   | Washer - Ext. Tooth Lock               | 4        | †11      | 69-1180  | Armrest              | 2        |
| 5        | 322-2    | Capscrew - Hex. Hd.                    | 4        | †12      | 32128-19 | Nut - Flange         | 2        |
| 6        | 32128-25 | Nut - Hex. Flange                      | 4        | †13      | 323-9    | Screw - Cap Hex. Hd. | 2        |
| 7        | 80-4250  | Adjuster - R.H.                        | 1        | †14      | 3234-23  | Screw - Hex. Flange  | 6        |
| 8        |          | Cushion                                | 1        | 15       | 3230-1   | Bolt - Carriage      | 4        |
| *        | 66-5400  | Seat Assembly<br>(Inc. Ref. #1, 2 & 8) | 1        |          |          |                      |          |

\*Not Illustrated

†Optional item

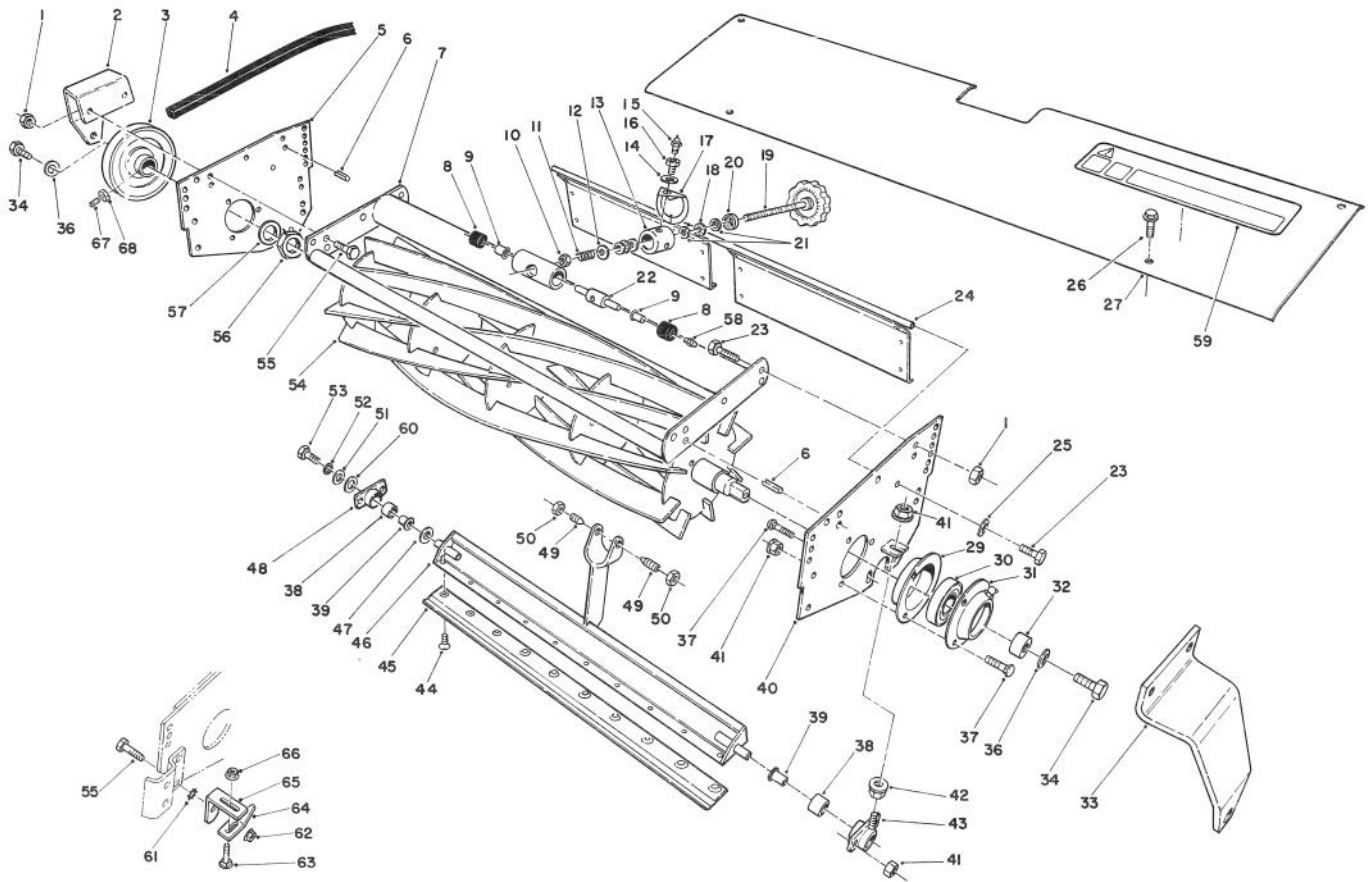


T-1371

## CUTTING UNIT CARRIER FRAME ASSEMBLY (Floating Suspension For 8 & 11 Blade Cutting Units)

| Ref. No. | Part No. | Description                                        | No. Used |
|----------|----------|----------------------------------------------------|----------|
| 1        | 61-0870  | Rear Carrier Frame Assy.<br>(Incl. Ref. #2, 3 & 7) | 1        |
| 2        | 302-5    | Fitting - Grease                                   | 3        |
| 3        | 3-0348   | Bushing                                            | 6        |
| 4        | 3256-26  | Washer - Flat                                      | 6        |
| 5        | 61-1370  | Spacer                                             | 6        |
| 6        | 256-285  | Bushing - Flange                                   | 12       |
| 7        | 61-0710  | Bushing Assembly                                   | 6        |
| 8        | 325-10   | Screw - Cap Hex. Hd.                               | 2        |

| Ref. No. | Part No. | Description                                         | No. Used |
|----------|----------|-----------------------------------------------------|----------|
| 9        | 3296-59  | Nut - Lock                                          | 2        |
| 10       | 61-0860  | Right Carrier Frame Assy.<br>(Incl. Ref. #2, 3 & 7) | 1        |
| 11       | 321-2    | Screw - Cap Hex. Hd.                                | 6        |
| 12       | 3253-3   | Washer - Lock                                       | 6        |
| 13       | 61-3600  | Tab - Lift                                          | 3        |
| 14       | 61-0880  | Left Carrier Frame Assy.<br>(Incl. Ref. #2, 3 & 7)  | 1        |



T-0285

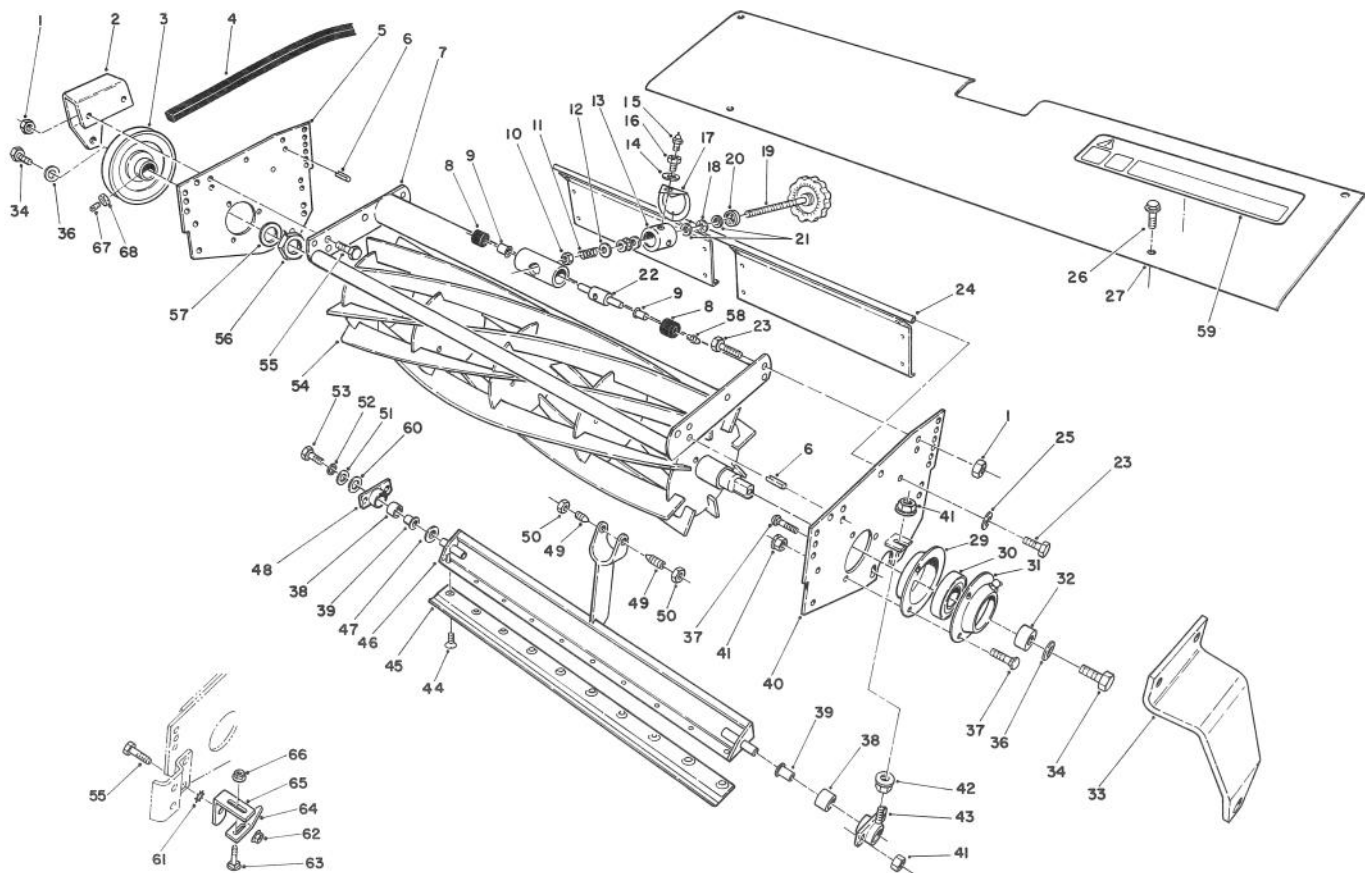
## 8 & 11 BLADE CUTTING UNIT REEL ASSEMBLY

| Ref. No. | Part No. | Description                                                          | No. Used |
|----------|----------|----------------------------------------------------------------------|----------|
| 1        | 3296-39  | Nut - Lock                                                           | 8        |
| 2        | 61-0900  | Bracket - Tensioner/Carrier<br>(Use 2 Brackets on Rear Cutting Unit) | 1        |
| 3        | 80-4270  | Pulley - Reel                                                        | 1        |
| 4        | 61-3380  | V-Belt - Reel                                                        | 1        |
| 5        | 61-1320  | Sideplate                                                            | 1        |
| 6        | 32121-36 | Pin - Roll                                                           | 4        |
| 7        | 61-0930  | Frame - Reel                                                         | 1        |
| 8        | 62-5510  | Rubber Bushing Assembly                                              | 2        |
| 9        | 52-2890  | Bushing - Flanged (Nylon)                                            | 2        |
| 10       | 3296-62  | Nut - Lock                                                           | 1        |
| 11       | 57-5270  | Spring - Compression                                                 | 1        |
| 12       | 29-8870  | Washer                                                               | 1        |
| 13       | 52-2980  | Pivot - Single Point Adjust                                          | 1        |
| 14       | 3256-25  | Washer - Flat                                                        | 1        |
| 15       | 302-5    | Fitting - Grease                                                     | 1        |
| 16       | 52-2990  | Capscrew - Spring Retainer                                           | 1        |
| 17       | 52-3000  | Arm - Spring                                                         | 1        |
| 18       | 257-6    | Bearing - Thrust                                                     | 2        |
| 19       | 61-1070  | Handle - Assembly                                                    | 1        |
| 20       | 253-84   | Seal                                                                 | 1        |
| 21       | 257-5    | Washer - Thrust                                                      | 4        |
| 22       | 57-5260  | Pin - S.P.A.                                                         | 1        |
| 23       | 323-6    | Screw - Cap Hex. Hd.                                                 | 6        |
| 24       | 61-1130  | Rear Grass Guard                                                     | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 25       | 3253-5   | Washer - Lock           | 2        |
| 26       | 32144-10 | Screw - Hex. Washer Hd. | 4        |
| 27       | 61-0560  | Shield - Top            | 1        |
| 29       | 76-2500  | Flange - Bearing        | 2        |
| 30       | 251-331  | Bearing                 | 2        |
| 31       | 76-2490  | Flange - Bearing (Lube) | 2        |
| *        | 302-11   | Fitting - Grease        | 2        |
| 32       | 61-0500  | Spacer - Reel           | 1        |
| 33       | 61-0890  | Bracket - Carrier       | 1        |
| 34       | 3211-4   | Screw - Cap Hex. Hd.    | 2        |
| 36       | 67-9760  | Washer                  | 2        |
| 37       | 3230-20  | Bolt - Carriage         | 10       |
| 38       | 56-9510  | Bushing Assy.           | 2        |
| 39       | 56-9520  | Bushing - Flanged       | 2        |
| 40       | 61-0940  | Sideplate - Adjust      | 1        |
| 41       | 3296-29  | Nut - Lock              | 11       |
| 42       | 3217-6   | Nut                     | 1        |
| 43       | 61-0970  | Housing - Bedbar Adj.   | 1        |
| 44       | 57-4910  | Screw - Special         | 10       |
| 45       | 62-5180  | Bedknife - 7 In. Reel   | 1        |
| 46       | 61-1210  | Bedbar                  | 1        |
| 47       | 61-1950  | Washer - Bedbar         | 1        |
| 48       | 61-1010  | Bedbar Housing          | 1        |
| 49       | 57-5190  | Screw - Adjustment      | 2        |
| 50       | 3218-18  | Nut - Jam               | 2        |
| 51       | 3256-56  | Washer - Flat           | 1        |

NOTE: Front Left Cutting Unit Shown

\*Not Illustrated



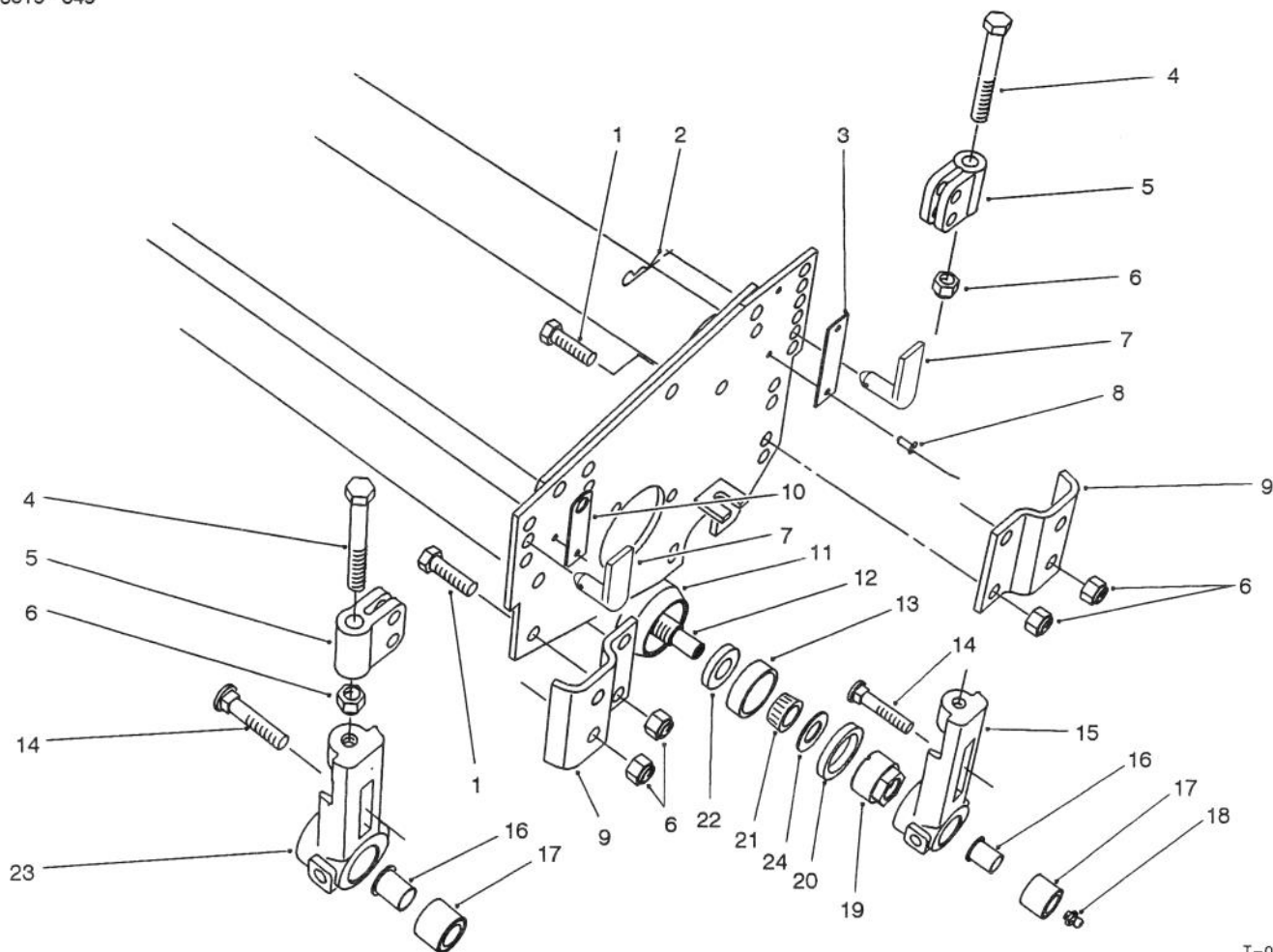
T-0285

## 8 & 11 BLADE CUTTING UNIT ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                                    | No. Used | Ref. No. | Part No. | Description                                              | No. Used |
|----------|----------|------------------------------------------------|----------|----------|----------|----------------------------------------------------------|----------|
| 52       | 3253-4   | Washer - Lock                                  | 1        | ‡59      | 62-5070  | Decal - Warning                                          | 1        |
| 53       | 322-3    | Screw - Cap Hex. Hd.                           | 1        | 60       | 62-7120  | Spacer                                                   | 1        |
| 54       | 12-7099  | Reel Assembly - 8 Blade (Left C.U.)            | 1        | 61       | 3255-2   | Washer - Lock E.T.L.W.                                   | 1        |
| *        | 12-7089  | Reel Assembly - 8 Blade (Right & Center C.U.)  | 1        | 62       | 32128-21 | Nut - Flange Lock                                        | 1        |
| *        | 13-1709  | Reel Assembly - 11 Blade (Left C.U.)           | 1        | 63       | 3229-11  | Bolt - Carriage                                          | 1        |
| *        | 13-1699  | Reel Assembly - 11 Blade (Right & Center C.U.) | 1        | 64       | 76-2430  | Bracket - Debris Cleaner                                 | 1        |
| 55       | 323-7    | Screw - Cap Hex. Hd.                           | 5        | 65       | 76-2440  | Support - Debris Cleaner                                 | 1        |
| 56       | 67-5840  | Nut - Jam                                      | 1        | 66       | 32128-10 | Nut - Flange Lock                                        | 1        |
| 57       | 27-1850  | Washer                                         | 1        | 67       | 3243-6   | Screw - Set Sq. Hd.                                      | 1        |
| 58       | 302-18   | Fitting - Grease                               | 1        | 68       | 3218-3   | Nut - Jam                                                | 1        |
|          |          |                                                |          | *        | 13-3649  | Overhaul Kit (Incl. Ref. #8, 9, 18, 20, 30, 38, 39 & 44) | 1        |

NOTE: Front Left Cutting Unit Shown

\*Not Illustrated ‡For different language versions of this part, see International Decal Cross Reference.



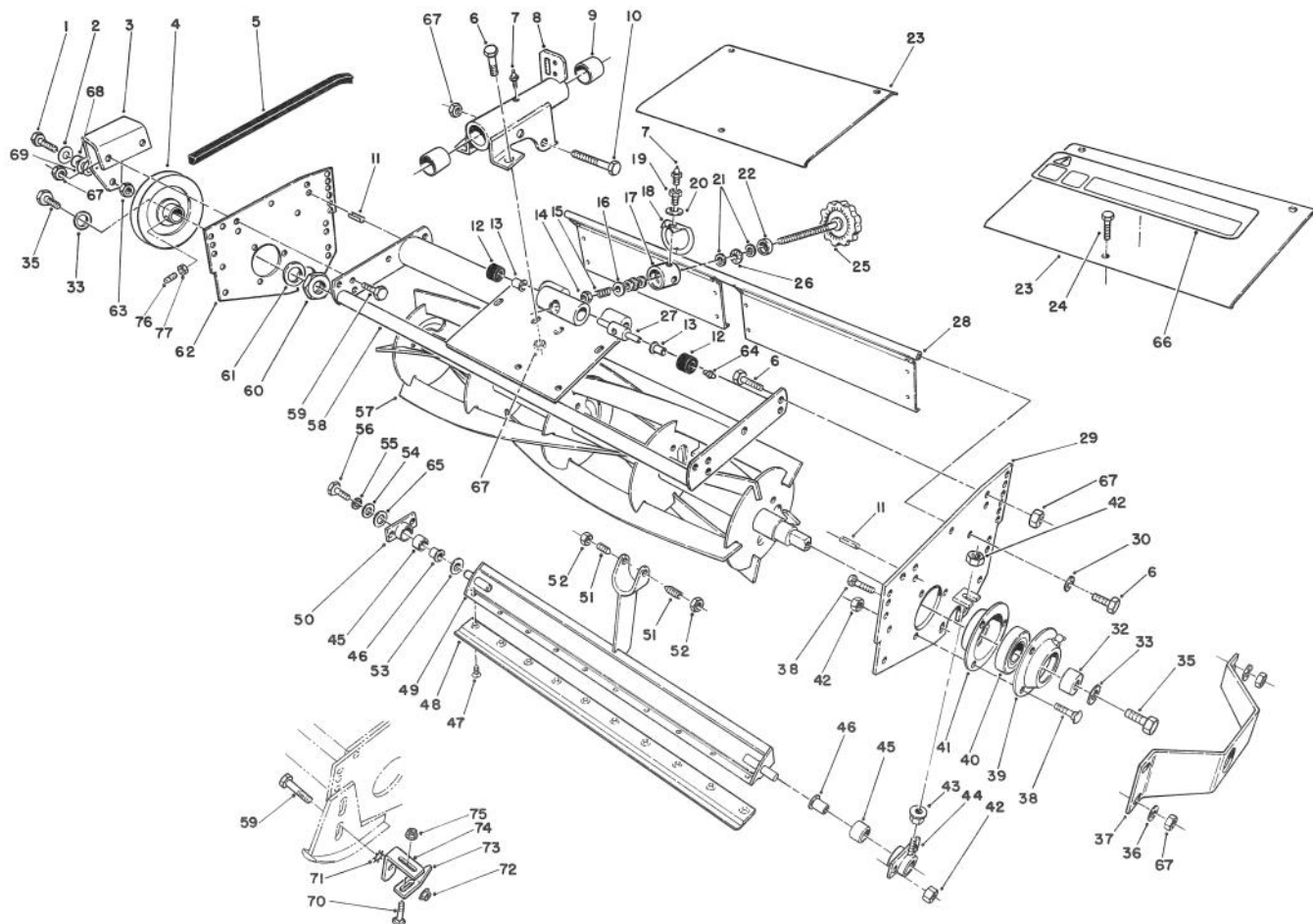
T-0286

## 8 & 11 BLADE CUTTING UNIT ROLLER ASSEMBLY (Floating Suspension)

| Ref. No. | Part No. | Description         | No. Used | Ref. No. | Part No. | Description                                            | No. Used |
|----------|----------|---------------------|----------|----------|----------|--------------------------------------------------------|----------|
| 1        | 323-6    | Screw - Cap Hex Hd. | 8        | 15       | 61-0430  | Bracket - Rear                                         | 2        |
| 2        | 3290-467 | Cotter - Hairpin    | 4        | 16       | 56-9520  | Bushing - Flanged                                      | 2        |
| 3        | 61-3800  | Plate - HOC Rear    | 2        | 17       | 56-9510  | Bushing                                                | 4        |
| 4        | 61-0790  | Screw - Cap Hex Hd. | 4        | 18       | 302-5    | Fitting - Grease                                       | 2        |
| 5        | 61-0420  | Support - HOC       | 4        | 19       | 71-3590  | Nut - Adjustment                                       | 2        |
| 6        | 3296-39  | Nut - Lock          | 16       | 20       | 253-153  | Seal - Outer                                           | 2        |
| 7        | 71-3690  | Pin - HOC           | 4        | 21       | 254-78   | Cone - Bearing                                         | 2        |
| 8        | 3290-55  | Rivet - Pop         | 6        | 22       | 253-152  | Seal - Inner                                           | 2        |
| 9        | 61-0910  | Bracket - Angle     | 4        | 23       | 61-0440  | Bracket - Front                                        | 2        |
| 10       | 61-3790  | Plate - HOC Front   | 2        | 24       | 62-7660  | Washer - Shim (not used on all full roller assemblies) | 2        |
| 11       | 61-0380  | Cap - Roller        | 2        | *        | 61-0410  | Full Roller Assembly (Incl. Ref. #11-13, 18-22 & 24)   | 1        |
| 12       | 61-0400  | Shaft - Roller      | 1        |          |          |                                                        |          |
| 13       | 254-79   | Cup - Bearing       | 2        |          |          |                                                        |          |
| 14       | 3231-2   | Bolt - Carriage     | 4        |          |          |                                                        |          |

NOTE: Front Left Cutting Unit Shown

\*Not Illustrated



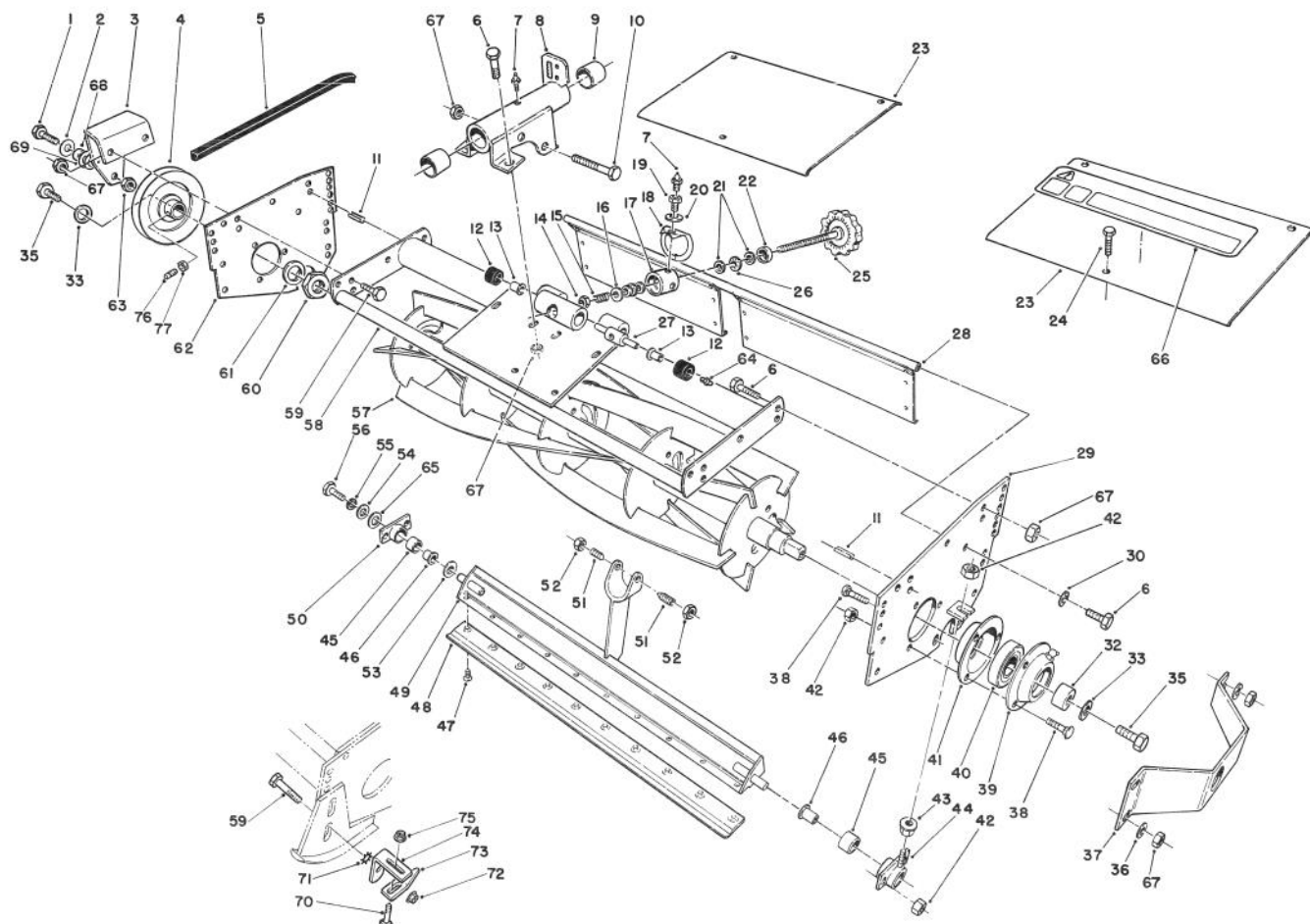
T-0283

## 5 BLADE CUTTING UNIT REEL ASSEMBLY (Fixed Suspension)

| Ref. No. | Part No. | Description                                                    | No. Used | Ref. No. | Part No. | Description                                | No. Used |
|----------|----------|----------------------------------------------------------------|----------|----------|----------|--------------------------------------------|----------|
| 1        | 323-9    | Screw - Cap Hex. Hd.<br>(Use 2 capscrews on rear cutting unit) | 1        | 17       | 52-2980  | Pivot - Single Point Adjust                | 1        |
| 2        | 3256-4   | Washer - Flat<br>(Use 2 washers on rear cutting unit)          | 1        | 18       | 52-3000  | Arm - Spring                               | 1        |
| 3        | 61-0900  | Bracket - Tensioner<br>(Use 2 brackets on rear cutting unit)   | 1        | 19       | 52-2990  | Capscrew - Spring Retainer                 | 1        |
| 4        | 80-4280  | Pulley - Reel, 5 Blade                                         | 1        | 20       | 3256-25  | Washer - Flat                              | 1        |
| 5        | 61-3380  | V-Belt                                                         | 1        | 21       | 257-5    | Washer - Thrust                            | 4        |
| 6        | 323-6    | Screw - Cap Hex. Hd.                                           | 8        | 22       | 253-84   | Seal                                       | 1        |
| 7        | 302-5    | Fitting - Grease                                               | 2        | 23       | 61-0550  | Shield - Top                               | 2        |
| 8        | 61-1050  | Front Support - L.H.<br>(Incl. Ref. #7 & 9)                    | 1        | 24       | 32144-10 | Screw - Cap Hex. Hd.                       | 6        |
| *        | 61-3660  | Front Support - R.H.<br>(Incl. Ref. #7 & 9)                    | 1        | 25       | 61-1070  | Handle - Assembly                          | 1        |
| *        | 61-0670  | Rear Support<br>(Incl. Ref. #7 & 9)                            | 1        | 26       | 257-6    | Bearing - Thrust                           | 2        |
| 9        | 3-0348   | Bushing                                                        | 2        | 27       | 57-5260  | Pin - S.P.A.                               | 1        |
| 10       | 323-12   | Screw - Cap Hex. Hd.                                           | 1        | 28       | 61-1130  | Rear Grass Guard                           | 1        |
| 11       | 32121-36 | Pin-Roll                                                       | 4        | 29       | 61-0940  | Sideplate - Adjust                         | 1        |
| 12       | 62-5510  | Rubber Bushing Assembly                                        | 2        | 30       | 3253-5   | Washer - Lock                              | 2        |
| 13       | 52-2890  | Bushing - Flanged Nylon                                        | 2        | 32       | 61-0500  | Spacer - Bearing                           | 1        |
| 14       | 3296-62  | Nut - Lock                                                     | 1        | 33       | 67-9760  | Washer - Flat                              | 2        |
| 15       | 57-5270  | Spring - Compression                                           | 1        | 35       | 3211-4   | Screw - Cap Hex. Hd.                       | 2        |
| 16       | 29-8870  | Washer - Flat                                                  | 1        | 36       | 3256-3   | Washer - Flat                              | 5        |
|          |          |                                                                |          | 37       | 61-0610  | Guard - Side<br>(Used on front units only) | 1        |
|          |          |                                                                |          | 38       | 3230-20  | Bolt - Carriage                            | 10       |
|          |          |                                                                |          | 39       | 76-2490  | Flange - Bearing (Lube)                    | 2        |
|          |          |                                                                |          | *        | 302-11   | Fitting - Grease                           | 2        |
|          |          |                                                                |          | 40       | 251-331  | Bearing                                    | 2        |
|          |          |                                                                |          | 41       | 76-2500  | Flange - Bearing                           | 2        |
|          |          |                                                                |          | 42       | 3296-29  | Nut - Lock                                 | 11       |
|          |          |                                                                |          | 43       | 3217-6   | Nut                                        | 1        |

NOTE: Front Left Cutting Unit Shown

\*Not Illustrated



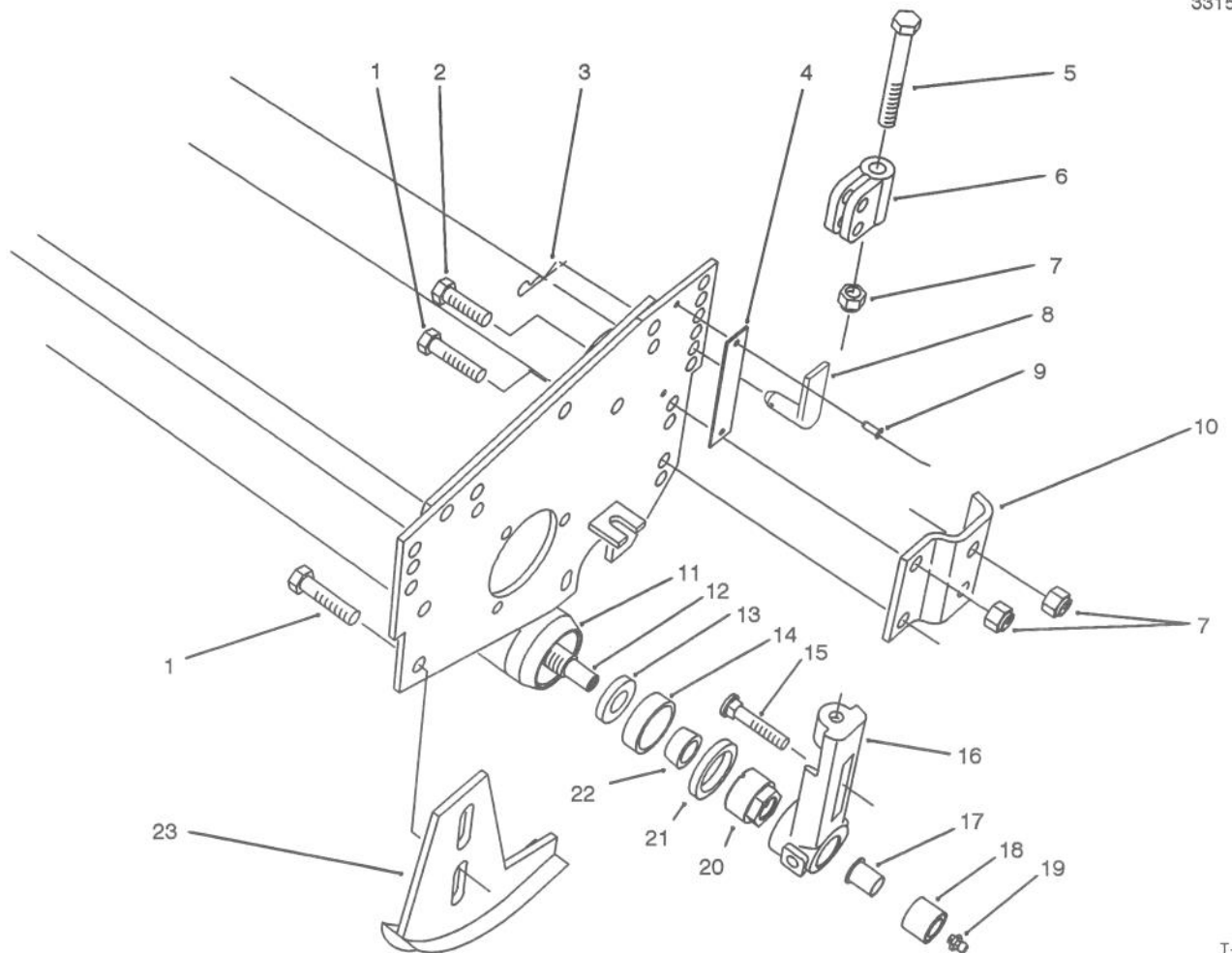
T-0283

## 5 BLADE CUTTING UNIT REEL ASSEMBLY(Continued) (Fixed Suspension)

| Ref. No. | Part No. | Description                                              | No. Used | Ref. No. | Part No. | Description                             | No. Used |
|----------|----------|----------------------------------------------------------|----------|----------|----------|-----------------------------------------|----------|
| 44       | 61-0970  | Housing - Bedbar Adj.                                    | 1        | 65       | 62-7120  | Spacer                                  | 1        |
| 45       | 56-9510  | Bushing Assembly                                         | 2        | 66       | 62-5070  | Decal - Warning                         | 1        |
| 46       | 56-9520  | Bushing - Flanged                                        | 2        | 67       | 3296-39  | Nut - Lock                              | 12       |
| 47       | 57-4910  | Screw - Special                                          | 10       |          |          | (Use 14 nuts on rear unit)              |          |
| 48       | 62-5180  | Bedknife - 7 In. Reel                                    | 1        | 68       | 76-2290  | Spacer                                  | 1        |
| 49       | 61-1210  | Bedbar                                                   | 1        |          |          | (Use 2 spacers on rear cutting unit)    |          |
| 50       | 61-1010  | Bedbar Housing                                           | 1        | 69       | 3256-45  | Washer Flat                             | 1        |
| 51       | 57-5190  | Screw - Adjustment                                       | 2        |          |          | (Use 4 washers on rear cutting unit)    |          |
| 52       | 3218-18  | Nut-Jam                                                  | 2        | 70       | 3229-11  | Bolt - Carriage                         | 1        |
| 53       | 61-1950  | Washer-Bedbar                                            | 1        |          |          | (Rear cutting unit)                     |          |
| 54       | 3256-56  | Washer - Flat                                            | 1        | 71       | 3255-2   | Washer - Lock E.T.L.W.                  | 1        |
| 55       | 3253-4   | Washer-Lock                                              | 1        |          |          | (Rear cutting unit)                     |          |
| 56       | 322-3    | Screw - Cap Hex. Hd.                                     | 1        | 72       | 32128-21 | Nut - Flange Lock                       | 1        |
| 57       | 12-7079  | Reel Assy. - 5 Blade (Left C.U.)                         | 1        |          |          | (Rear cutting unit)                     |          |
| *        | 12-7059  | Reel Assy. - 5 Blade (Right & Rear C.U.)                 | 1        | 73       | 76-2430  | Bracket - Debris Cleaner                | 1        |
| 58       | 61-0660  | Reel Frame                                               | 1        |          |          | (Rear cutting unit)                     |          |
| 59       | 323-7    | Screw - Cap Hex. Hd. (Use 5 screws on rear cutting unit) | 2        | 74       | 76-2440  | Support - Debris Cleaner                | 1        |
| 60       | 67-5840  | Nut - Jam                                                | 1        |          |          | (Rear cutting unit)                     |          |
| 61       | 27-1850  | Washer                                                   | 1        | 75       | 32128-10 | Nut - Flange Lock                       | 1        |
| 62       | 61-1320  | Sideplate - Reel                                         | 1        |          |          | (Rear cutting unit)                     |          |
| 63       | 3296-59  | Nut - Lock                                               | 1        | 76       | 3243-6   | Screw - Set Sq. Hd.                     | 1        |
|          |          | (Use 2 nuts on rear C.U.)                                |          | 77       | 3218-3   | Nut - Jam                               | 1        |
| 64       | 302-18   | Fitting - Grease                                         | 1        | *        | 13-3649  | Overhaul Kit                            | 1        |
|          |          |                                                          |          |          |          | (Incl. Ref. #12, 13, 22, 26 40 & 45-47) |          |

NOTE: Front Left Cutting Unit Shown

\*Not Illustrated    ‡For different language versions of this part, see International Decal Cross Reference.



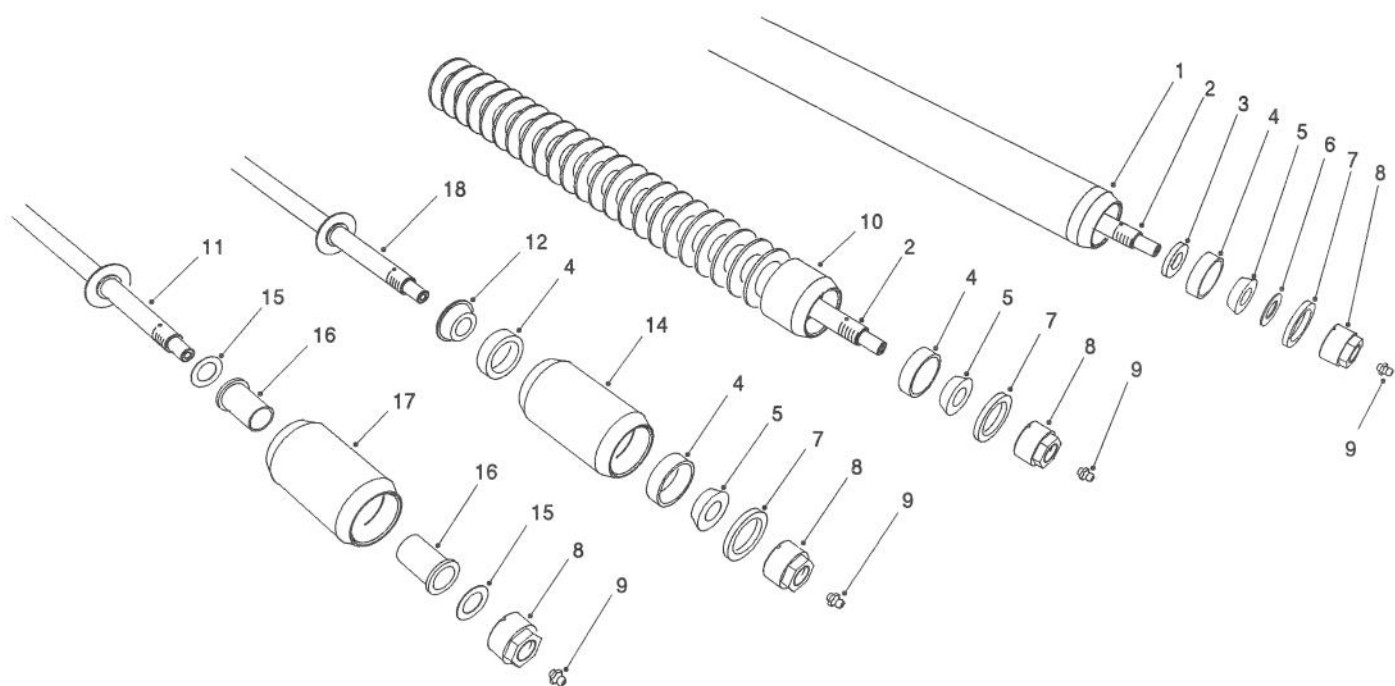
T-0284

## 5 BLADE CUTTING UNIT ROLLER ASSEMBLY (Fixed Suspension)

| Ref. No. | Part No. | Description          | No. Used | Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------|----------|----------|----------|----------------------------------------------|----------|
| 1        | 323-7    | Screw - Cap Hex. Hd. | 3        | 14       | 254-79   | Cup - Bearing                                | 2        |
| 2        | 323-6    | Screw - Cap Hex. Hd. | 5        | 15       | 3231-2   | Bolt - Carriage                              | 2        |
| 3        | 3290-467 | Cotter - Hairpin     | 2        | 16       | 61-0430  | Bracket - Rear                               | 2        |
| 4        | 61-3810  | Plate - HOC          | 2        | 17       | 56-9520  | Bushing - Flanged                            | 1        |
| 5        | 61-0790  | Screw - Cap Hex. Hd. | 2        | 18       | 56-9510  | Bushing Assembly                             | 2        |
| 6        | 61-0420  | Support - HOC        | 2        | 19       | 302-5    | Fitting - Grease                             | 2        |
| 7        | 3296-39  | Nut - Lock           | 9        | 20       | 71-3590  | Nut - Adjustment                             | 2        |
| 8        | 71-3690  | Pin - HOC            | 2        | 21       | 253-153  | Seal - Outer                                 | 2        |
| 9        | 3290-55  | Rivet - Pop          | 4        | 22       | 254-78   | Cone - Bearing                               | 2        |
| 10       | 61-0910  | Bracket - Angle      | 2        | 23       | 03446    | Skid Kit (Incl. Ref. #1)                     | 1        |
| 11       | 61-0380  | Cap - Roller         | 2        | *        | 61-0410  | Roller Assembly<br>(Incl. Ref. #11-14,19-22) | 1        |
| 12       | 61-0400  | Shaft - Roller       | 1        |          |          |                                              |          |
| 13       | 253-152  | Seal - Inner         | 2        |          |          |                                              |          |

NOTE: Front Left Cutting Unit Shown

\*Not Illustrated



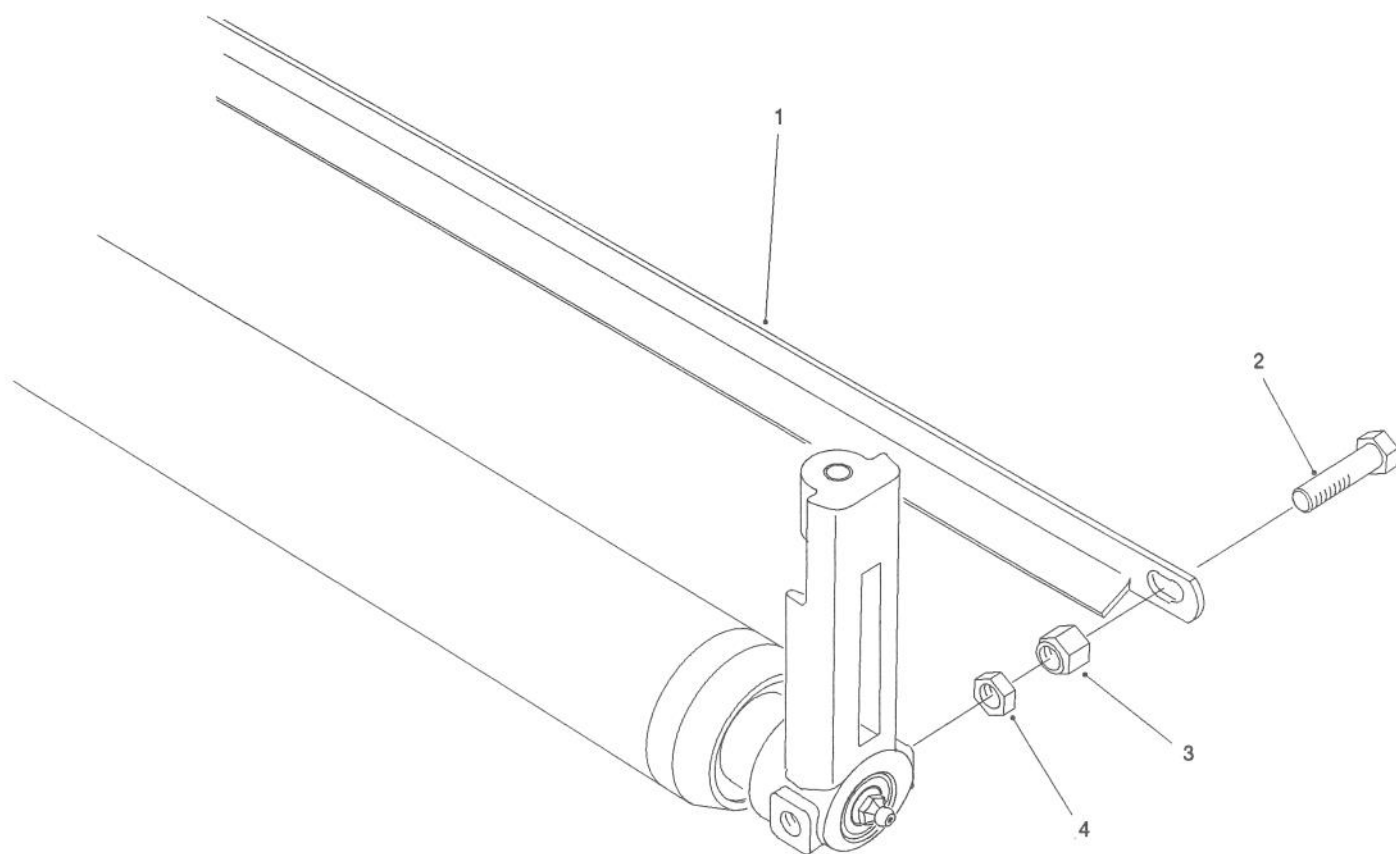
T-0287

## CUTTING UNIT ROLLER OPTIONS

| Ref. No. | Part No. | Description                                               | No. Used |
|----------|----------|-----------------------------------------------------------|----------|
| 1        | 61-0380  | Cap - Full Roller                                         | 2        |
| 2        | 61-0400  | Shaft - Full/Wiehle Roller                                | 2        |
| 3        | 253-152  | Seal - Inner                                              | 2        |
| 4        | 254-79   | Cup - Bearing (Outer)                                     | 8        |
| 5        | 254-78   | Cone - Bearing (Outer)                                    | 6        |
| 6        | 62-7660  | Washer - Shim<br>(not used on all full roller assemblies) | 2        |
| 7        | 253-153  | Seal - Outer                                              | 6        |
| 8        | 71-3590  | Nut - Adjustment                                          | 8        |
| 9        | 302-5    | Fitting - Grease                                          | 8        |
| 10       | 82-2400  | Wiehle Roller Weld Assy.                                  | 1        |
| 11       | 62-4990  | Shaft - Anti-Scalp Roller                                 | 1        |
| 12       | 252-112  | Cone - Bearing (Inner)                                    | 2        |
| 14       | 76-2400  | Roller - Sectional                                        | 2        |
| 15       | 3-6498   | Washer - Thrust                                           | 4        |
| 16       | 256-117  | Bushing - Flanged                                         | 4        |
| 17       | 63-5060  | Roller - Anti-Scalp                                       | 2        |

| Ref. No. | Part No. | Description                                                      | No. Used |
|----------|----------|------------------------------------------------------------------|----------|
| 18       | 76-2380  | Shaft - Sectional Roller                                         | 1        |
| *        | 61-0410  | Full Roller Assembly<br>(Incl. Ref. #1 -9)                       | 1        |
| *        | 62-7410  | Wiehle Roller Assembly<br>(Incl. Ref. #2, 4-5 & 7-10)            | 1        |
| *        | 62-4970  | Sectional Roller Assembly<br>(Incl. Ref. #4-5, 7-9, 12, 14 & 18) | 1        |
| *        | 63-5090  | Anti-Scalp Roller Assembly<br>(Incl. Ref. #8-9, 11 & 15-17)      | 1        |
| *        | 03440    | Full Roller Kit<br>(Incl. 3 No. 61-0410)                         | 1        |
| *        | 03450    | Wiehle Roller Kit<br>(Incl. 3 No. 62-7410)                       | 1        |
| *        | 03445    | Sectional Roller Kit<br>(Incl. 3 No. 62-4970)                    | 1        |
| *        | 03447    | Anti-Scalp Roller Kit<br>(Incl. 3 No. 63-5090)                   | 1        |

\*Not Illustrated

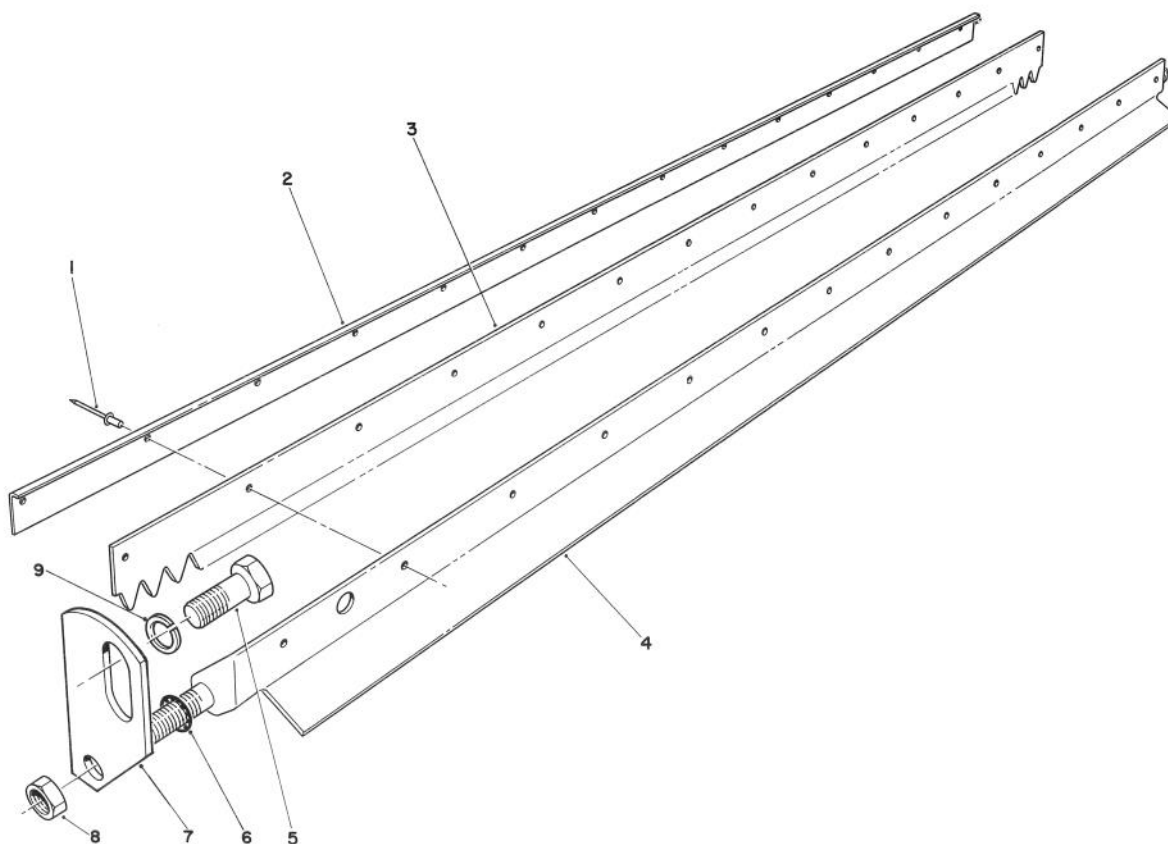


T-0288

## CUTTING UNIT ROLLER SCRAPER KIT NO. 60-9560 (Optional)

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 1        | 61-0590  | Scraper - Roller     | 3        |
| 2        | 323-7    | Screw - Cap Hex. Hd. | 6        |

| Ref. No. | Part No. | Description | No. Used |
|----------|----------|-------------|----------|
| 3        | 3296-59  | Nut - Lock  | 6        |
| 4        | 3218-3   | Nut - Jam   | 6        |

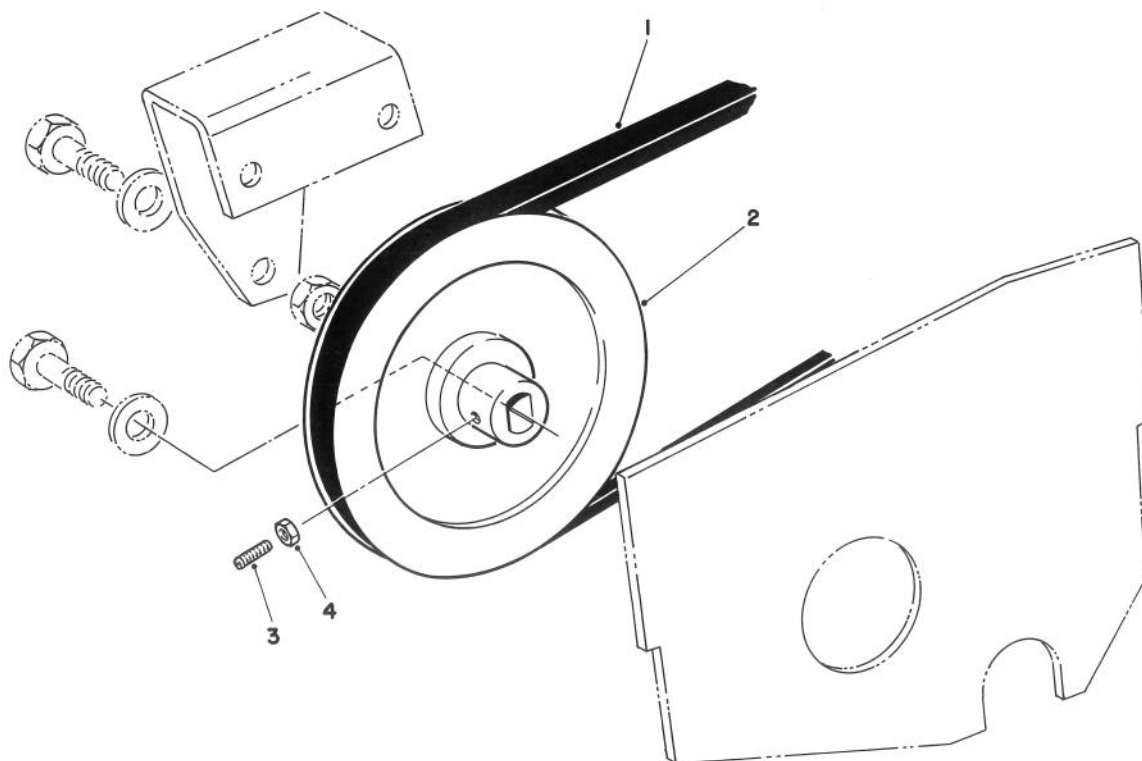


T-1036

## COMB KIT PART NO. 67-9400 (Optional)

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 1        | 3296-13  | Rivet - Pop          | 14       |
| 2        | 67-9450  | Support - Comb       | 1        |
| 3        | 67-9470  | Comb                 | 1        |
| 4        | 67-9430  | Plate - Comb         | 1        |
| 5        | 323-7    | Screw - Cap Hex. Hd. | 2        |

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 6        | 3254-18  | Washer - Lock I.T.L.W. | 6        |
| 7        | 80-4690  | Support - Scraper      | 2        |
| 8        | 3296-39  | Nut - Lock             | 2        |
| 9        | 3256-35  | Washer                 | 6        |

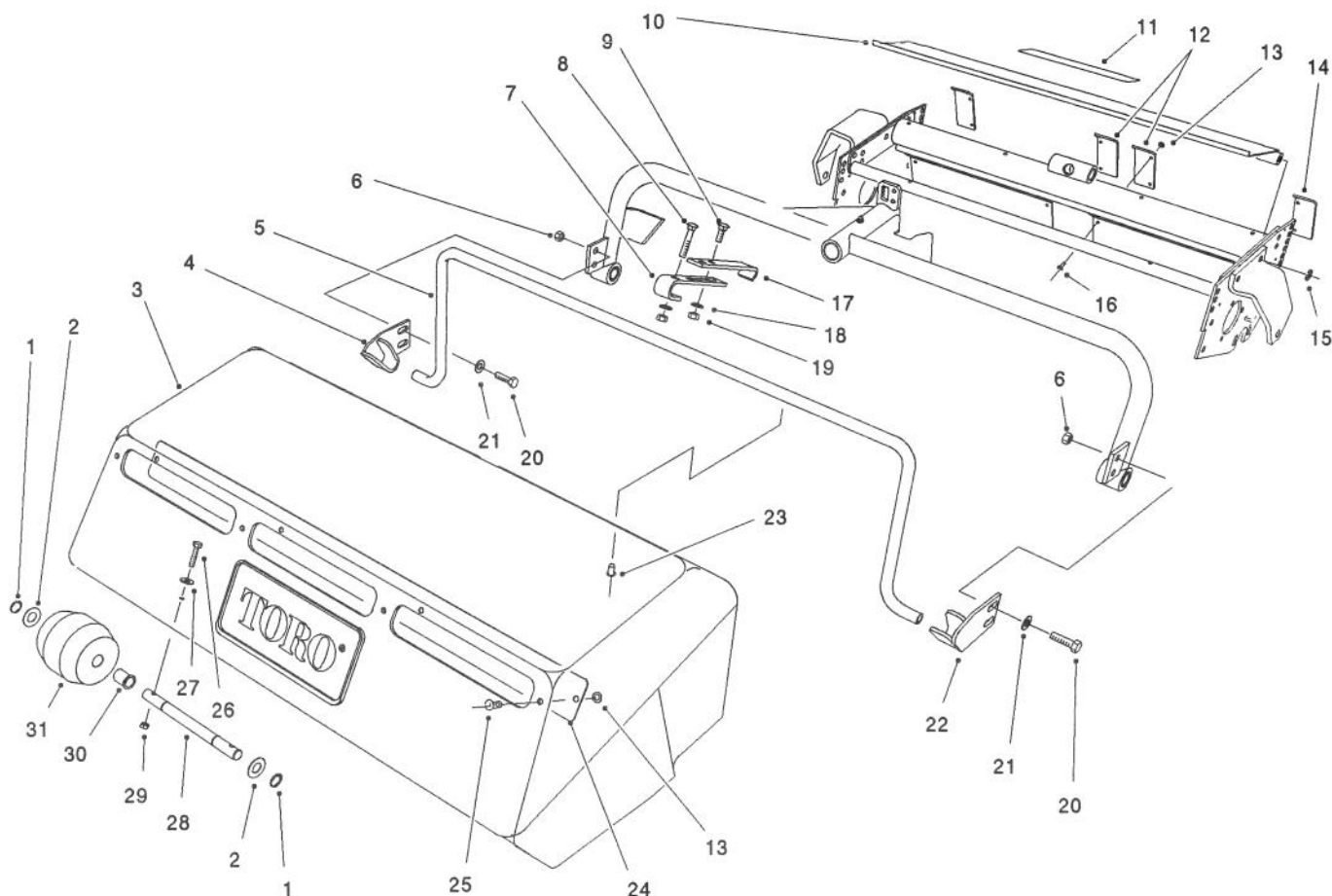


T-0930

## LARGE PULLEY KIT NO. 67-9540 (Optional)

| Ref. No. | Part No. | Description   | No. Used |
|----------|----------|---------------|----------|
| 1        | 80-4290  | Pulley - Reel | 3        |
| 2        | 72-4770  | Belt - V      | 3        |

| Ref. No. | Part No. | Description | No. Used |
|----------|----------|-------------|----------|
| 3        | 3247-6   | Screw - Set | 3        |
| 4        | 3218-3   | Nut - Jam   | 3        |



T-0289

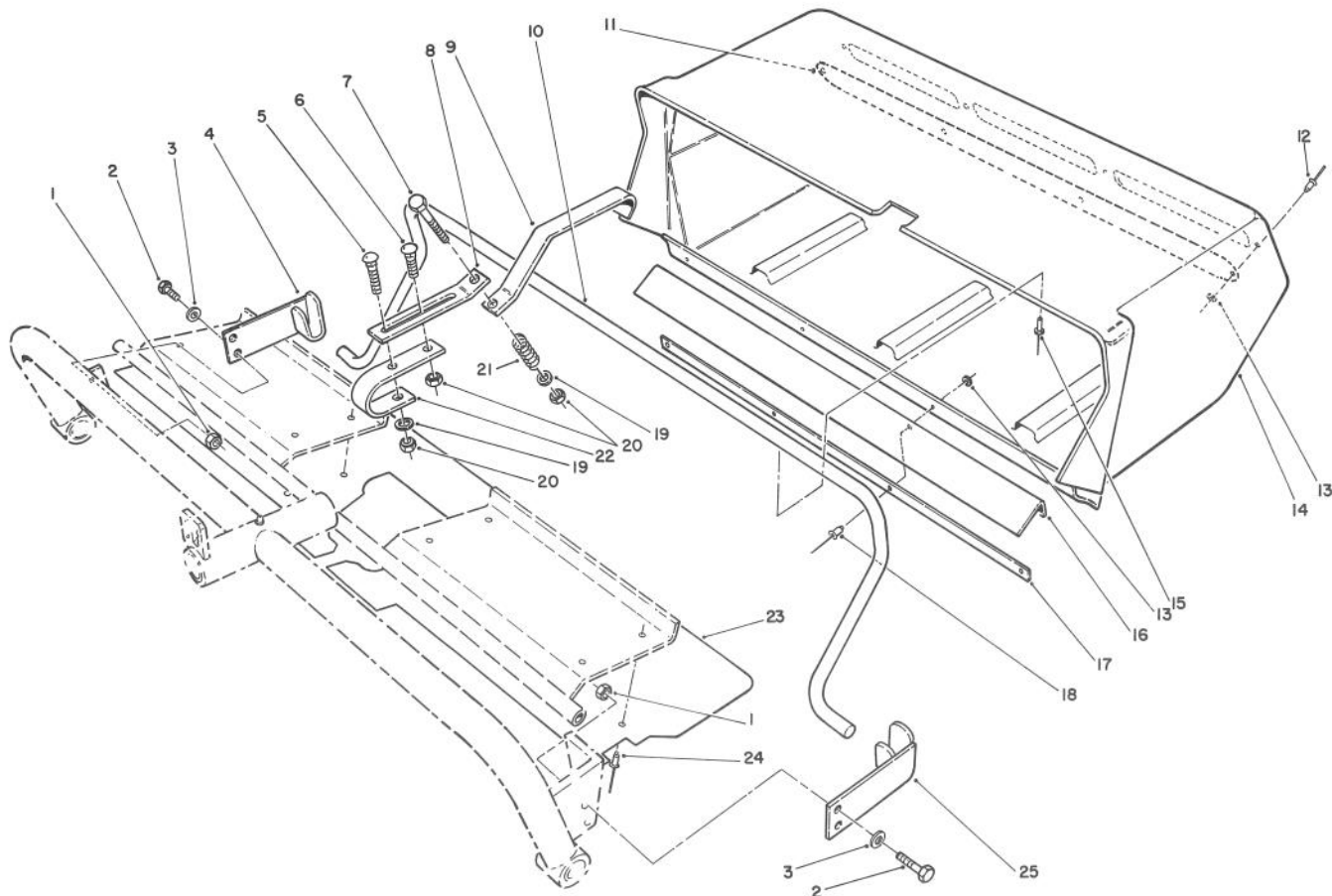
## GRASS COLLECTION SYSTEM MODEL NO. 03433 (Optional) (Front Cutting Unit Basket Assembly)

| Ref. No. | Part No. | Description                                                                  | No. Used |
|----------|----------|------------------------------------------------------------------------------|----------|
| 1        | 32120-64 | Ring - Snap                                                                  | 8        |
| 2        | 3-9274   | Spacer - Wheel                                                               | 8        |
| 3        | 61-1330  | Front Grass Basket Assy.<br>(Incl. Ref. #1, 2, 5, 7-9,<br>13, 17-19 & 23-31) | 2        |
| 4        | 61-1280  | Bracket - Basket R.H.                                                        | 2        |
| 5        | 61-1190  | Support - Basket (Front)                                                     | 2        |
| 6        | 3296-39  | Nut - Lock                                                                   | 8        |
| 7        | 61-3160  | Hanger - Basket (Front)                                                      | 2        |
| 8        | 3230-5   | Bolt - Carriage                                                              | 2        |
| 9        | 3230-2   | Bolt - Carriage                                                              | 4        |
| 10       | 61-0750  | Deflector - Grass                                                            | 2        |
| 11       | 62-5070  | Decal - Warning                                                              | 2        |
| 12       | 61-3290  | Cover - Middle                                                               | 4        |
| 13       | 3256-49  | Washer - Flat                                                                | 32       |
| 14       | 61-3280  | Cover - End                                                                  | 4        |
| 15       | 3253-21  | Washer - Lock                                                                | 4        |

| Ref. No. | Part No. | Description                        | No. Used |
|----------|----------|------------------------------------|----------|
| 16       | 3269-23  | Rivet - Pop                        | 24       |
| 17       | 62-7230  | Hanger - Adjustable (Front)        | 2        |
| 18       | 3256-23  | Washer - Flat                      | 6        |
| 19       | 3296-29  | Nut - Lock                         | 6        |
| 20       | 323-7    | Screw - Cap Hex. Hd.               | 8        |
| 21       | 3256-24  | Washer - Flat                      | 8        |
| 22       | 61-1270  | Bracket - Basket L.H.              | 2        |
| 23       | 3269-18  | Rivet - Pop                        | 20       |
| 24       | 61-3170  | Baffle - Grass                     | 2        |
| 25       | 3269-22  | Rivet - Pop                        | 8        |
| 26       | 321-8    | Screw - Cap Hex. Hd.               | 8        |
| 27       | 3256-2   | Washer - Flat                      | 8        |
| 28       | 5-2891   | Shaft - Wheel                      | 4        |
| 29       | 32153-4  | Nut-Lock                           | 8        |
| 30       | 256-90   | Bushing - Flange                   | 8        |
| 31       | 4-7439   | Wheel Assembly<br>(Incl. Ref. #30) | 4        |

NOTE: Left Front Cutting Unit Shown

NOTE: Model No. 03433 Includes 2 Front and 1 Rear Basket Assembly.



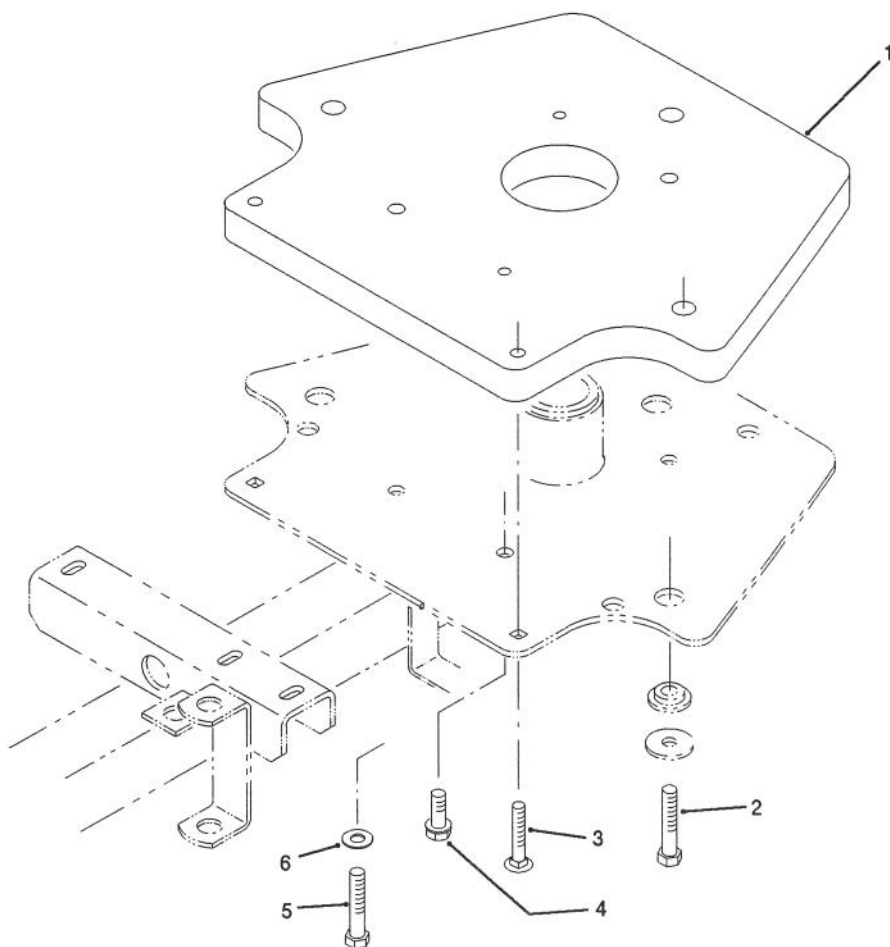
T-0290

## GRASS COLLECTION SYSTEM MODEL NO. 03433 (Optional) (Rear Cutting Unit Basket Assembly)

| Ref. No. | Part No. | Description           | No. Used |
|----------|----------|-----------------------|----------|
| 1        | 3296-39  | Nut - Lock            | 3        |
| 2        | 323-7    | Screw - Cap Hex. Hd.  | 4        |
| 3        | 3256-24  | Washer - Flat         | 4        |
| 4        | 61-1260  | Bracket - Basket R.H. | 1        |
| 5        | 3230-8   | Bolt - Carriage       | 1        |
| 6        | 3230-2   | Bolt - Carriage       | 1        |
| 7        | 322-7    | Screw - Cap Hex. Hd.  | 1        |
| 8        | 67-5910  | Plate - Rear          | 1        |
| 9        | 67-5890  | Hanger - Basket Rear  | 1        |
| 10       | 67-5920  | Support - Basket Rear | 1        |
| 11       | 61-3170  | Baffle - Grass        | 1        |
| 12       | 3269-22  | Rivet - Pop           | 4        |
| 13       | 3256-49  | Washer                | 8        |

| Ref. No. | Part No. | Description                                            | No. Used |
|----------|----------|--------------------------------------------------------|----------|
| 14       | 61-1340  | Rear Grass Basket Assy.<br>(Incl. Ref. #10-13 & 15-18) | 1        |
| 15       | 3269-18  | Rivet - Pop                                            | 10       |
| 16       | 62-5130  | Flap - Rubber                                          | 1        |
| 17       | 63-8740  | Strap - Basket                                         | 1        |
| 18       | 3290-282 | Rivet - Pop                                            | 10       |
| 19       | 3256-23  | Washer - Flat                                          | 2        |
| 20       | 3296-29  | Nut - Lock                                             | 3        |
| 21       | 63-4220  | Spring - Compression                                   | 1        |
| 22       | 62-7480  | Bracket - Hanger                                       | 1        |
| 23       | 67-5800  | Flap - Basket Rear                                     | 1        |
| 24       | 3269-23  | Rivet - Pop                                            | 8        |
| 25       | 61-1250  | Bracket - Basket L.H.                                  | 1        |

NOTE: Model No. 03433 Includes 2 Front and 1 Rear Basket Assembly.



T-1372

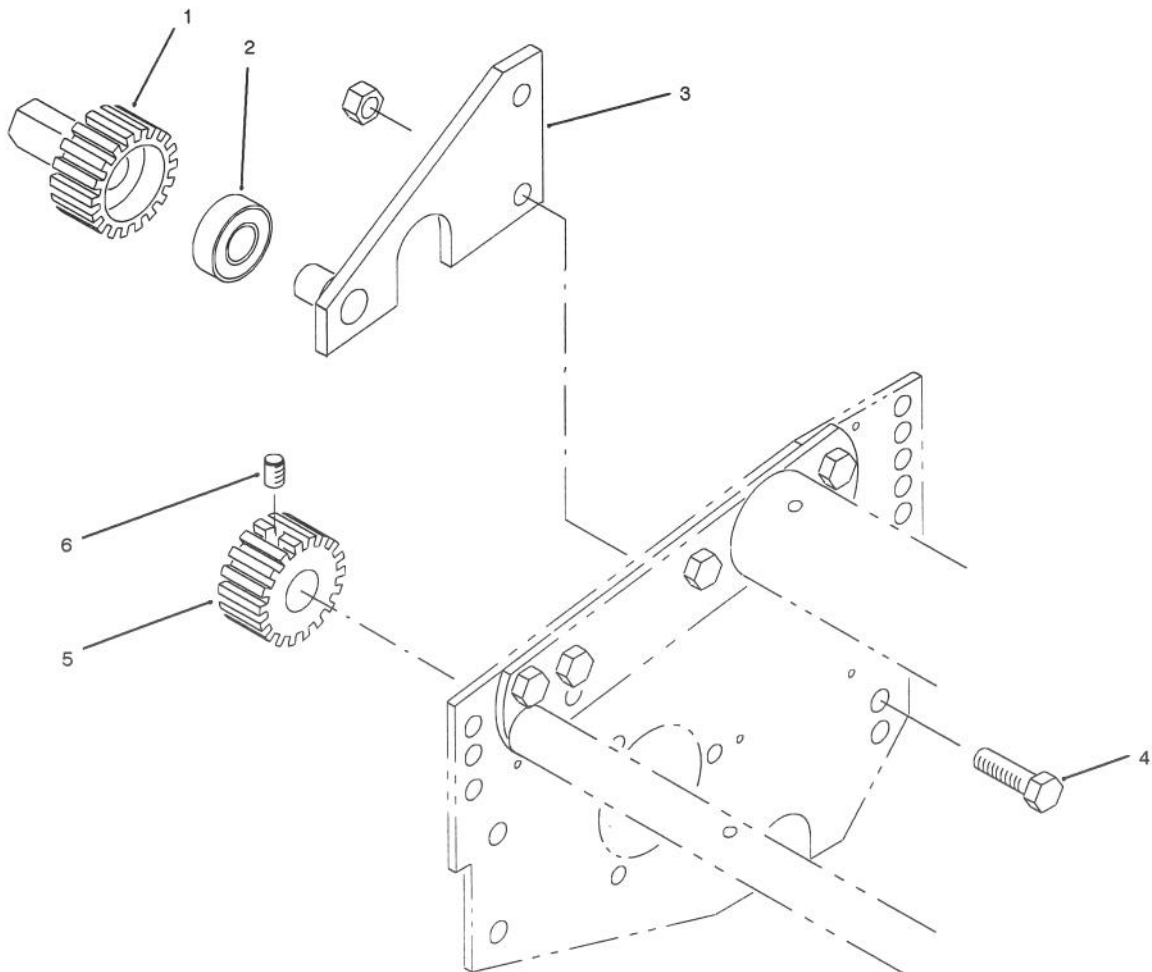
## WEIGHT KIT NO. 83-9370

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 1        | 83-9390  | Weight               | 1        |
| 2        | 323-10   | Screw - Cap Hex. Hd. | 3        |
| *†       | 232-14   | Screw - Cap Hex. Hd. | 3        |
| 3        | 3230-5   | Screw - Carriage     | 2        |
| *†       | 3230-9   | Screw - Carriage     | 2        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 4        | 3234-11  | Screw - Hex. Washer Hd. | 2        |
| †5       | 323-10   | Screw - Cap Hex. Hd.    | 2        |
| †6       | 3256-24  | Washer - Flat           | 2        |

\*Not Illustrated

†Required when installing 2 weights.



T-1372

## BACKLAP KIT NO. 84-5510

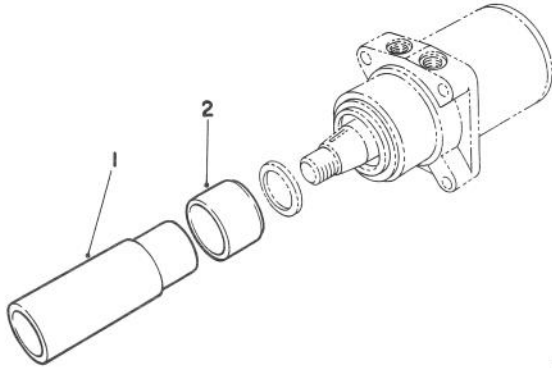
| Ref. No. | Part No. | Description                                      | No. Used |
|----------|----------|--------------------------------------------------|----------|
| 1        | 84-5590  | Gear - Driver                                    | 1        |
| 2        | 251-270  | Bearing - Ball                                   | 1        |
| 3        | 84-5580  | Plate - Attachment<br>(L.H. Cutting Unit)        | 1        |
| *        | 84-5570  | Plate - Attachment<br>(R.H. & Ctr. Cutting Unit) | 2        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 4        | 323-7    | Screw - Cap Hex. Hd. | 6        |
| 5        | 84-5560  | Gear - Reel Shaft    | 3        |
| 6        | 3246-9   | Screw - Set          | 6        |

\*Not Illustrated

# SPECIAL TOOLS

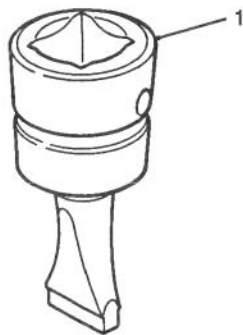
## DRIVE MOTOR SEAL INSTALLATION TOOL NO. \*19-2660



T-0728

| Ref. No. | Part No. | Description   | No. Used |
|----------|----------|---------------|----------|
| 1        |          | Driver - Seal | 1        |
| 2        |          | Holder - Seal | 1        |

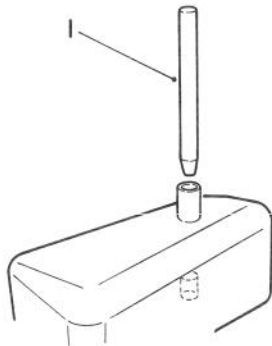
## BEDKNIFE SCREW TOOL NO. \*TOR510880



T-0729

| Ref. No. | Part No. | Description           | No. Used |
|----------|----------|-----------------------|----------|
| 1        |          | Tool - Bedknife Screw | 1        |

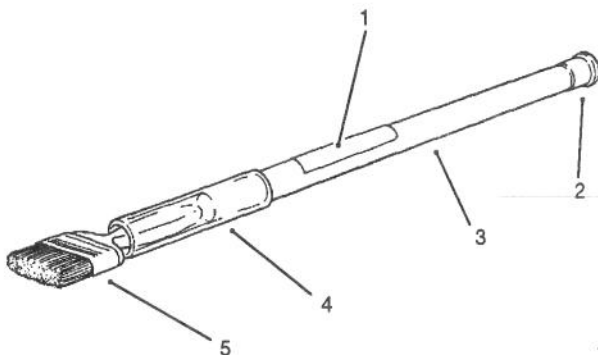
## HYDRAULIC OIL RESERVOIR PLUG NO. \*63-4310



T-1213

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 1        |          | Plug - Reservoir | 1        |

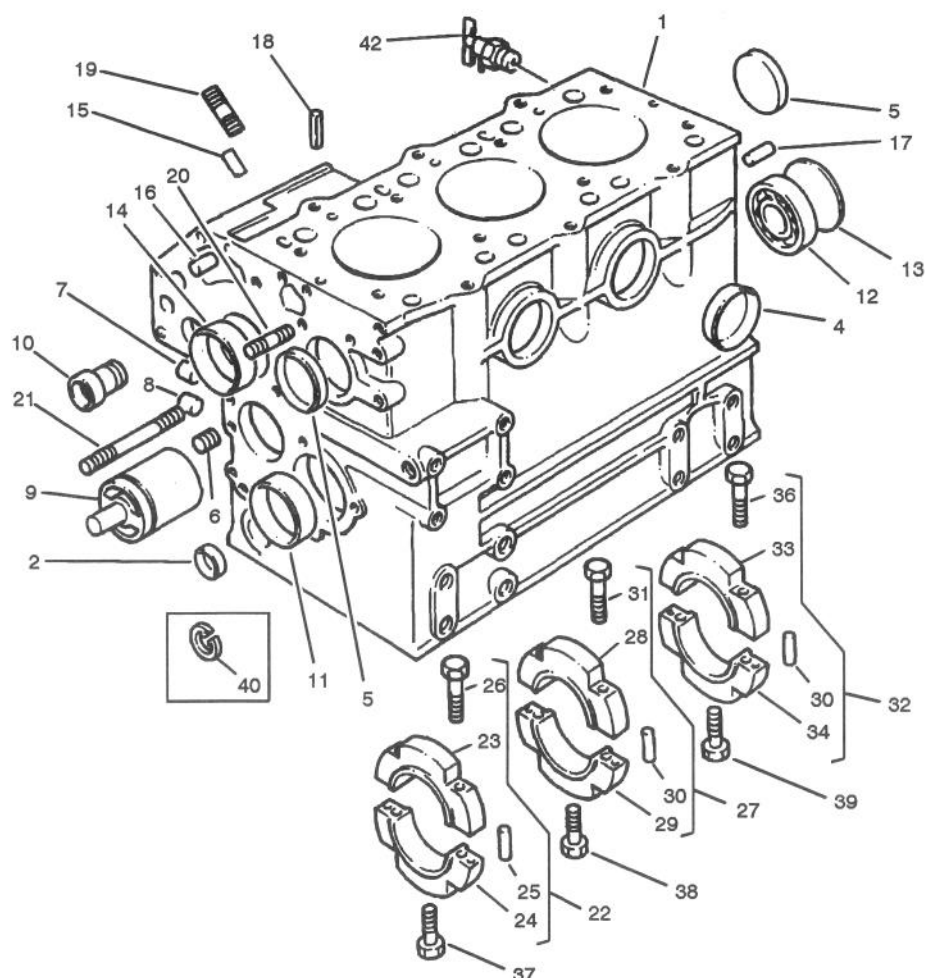
## BACKLAPPING BRUSH ASSEMBLY NO. \*TOR299100



T-0731

| Ref. No. | Part No. | Description   | No. Used |
|----------|----------|---------------|----------|
| 1        | 12-9140  | Decal         | 1        |
| 2        | 2410-18  | Plug          | 1        |
| 3        | 29-9080  | Handle        | 1        |
| 4        | 29-9090  | Hose - Handle | 1        |
| 5        | 36-4310  | Brush         | 1        |

\*Obtain these items directly from OTC 2013 4th St. Owatonna, MN. 55060 1-800-533-0492  
(in Minnesota and Canada 1-507-455-7050) Fax. 507-455-7011.



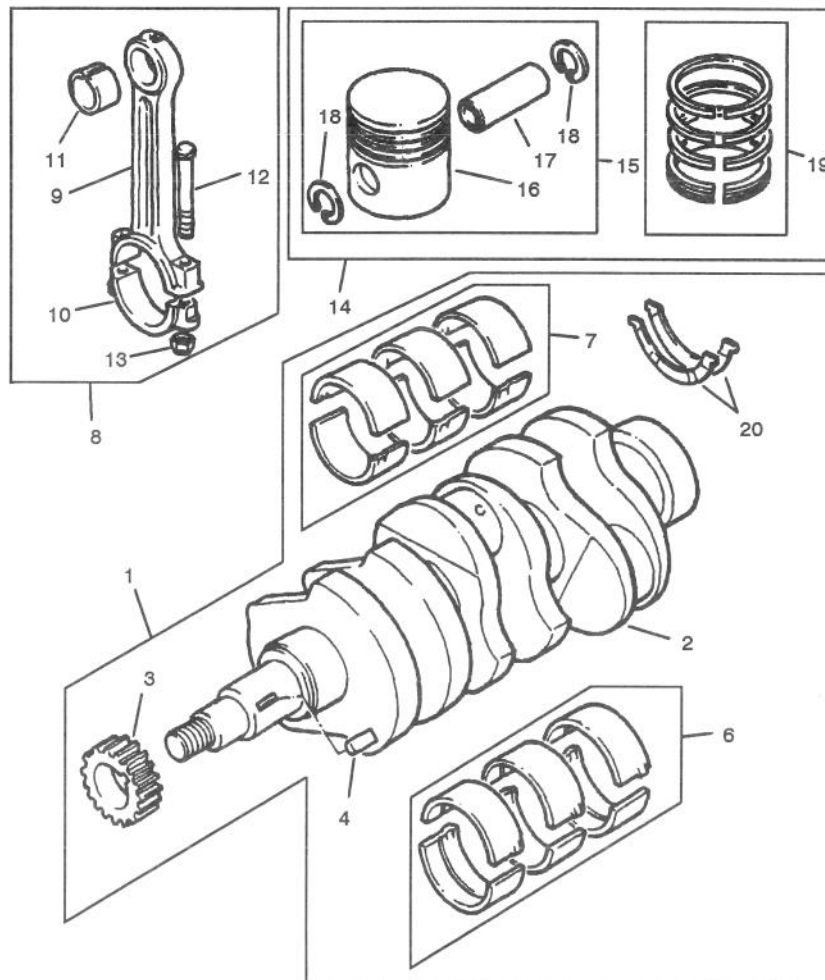
T-1377

## CYLINDER BLOCK ASSEMBLY

| Ref. No. | Part No.  | Description          | No. Used | Ref. No. | Part No.  | Description          | No. Used |
|----------|-----------|----------------------|----------|----------|-----------|----------------------|----------|
| 1        | 110186030 | Kit - Cylinder Block | 1        | 23       |           | Cap                  | 1        |
| 2        | 064200015 | Plug                 | 1        | 24       |           | Cap                  | 1        |
| 4        | 064200040 | Plug                 | 2        | 25       | 030500612 | Dowel                | 2        |
| 5        | 064200040 | Plug                 | 2        | 26       | 010810840 | Screw                | 2        |
| 6        | 198466050 | Plug                 | 3        | 27       | 110156230 | Holder               |          |
| 7        | 198466010 | Plug                 | 4        |          |           | Incl. Ref. #28 & 29) | 1        |
| 8        | 198466070 | Plug                 | 2        | 28       |           | Cap                  | 1        |
| 9        | 165296160 | Shaft                | 1        | 29       |           | Cap                  | 1        |
| 10       | 198517090 | Bush                 | 1        | 30       | 030500612 | Dowel                | 2        |
| 11       | 198517300 | Bush                 | 1        | 31       | 010810840 | Screw                | 2        |
| *        | 198517304 | Bush -.25mm          | 1        | 32       | 110156240 | Holder               |          |
| *        | 198517307 | Bush -.50mm          | 1        |          |           | Incl. Ref. #33 & 34) | 1        |
| 12       | 040106203 | Bearing - Ball       | 1        | 33       |           | Cap                  | 1        |
| 13       | 064100045 | Plug                 | 1        | 34       |           | Cap                  | 1        |
| 14       | 042303015 | Bush                 | 1        | 36       | 010810840 | Screw                | 2        |
| 15       | 030500512 | Dowel                | 2        | 37       | 011310850 | Screw                | 1        |
| 16       | 030500512 | Dowel                | 2        | 38       | 011310850 | Screw                | 1        |
| 17       | 030500820 | Dowel                | 2        | 39       | 010700845 | Screw                | 2        |
| 18       | 030309005 | Pin                  | 2        | 40       | 036509005 | Circlip              | 1        |
| 19       | 012100620 | Stud                 | 2        | 41       | 064200018 | Plug                 | 2        |
| 20       | 012100635 | Stud                 | 1        | 42       | 198736052 | Cock                 | 1        |
| 21       | 012100660 | Stud                 | 1        | *        | 110006330 | Short Block Assembly | 1        |
| 22       | 110156220 | Holder               |          | *        | 195906610 | Kit - Gasket         | 1        |
|          |           | Incl. Ref. #23 & 24) | 1        |          |           |                      |          |

NOTE: Obtain replacement parts from your local Perkins Dealer.

\*Not Illustrated



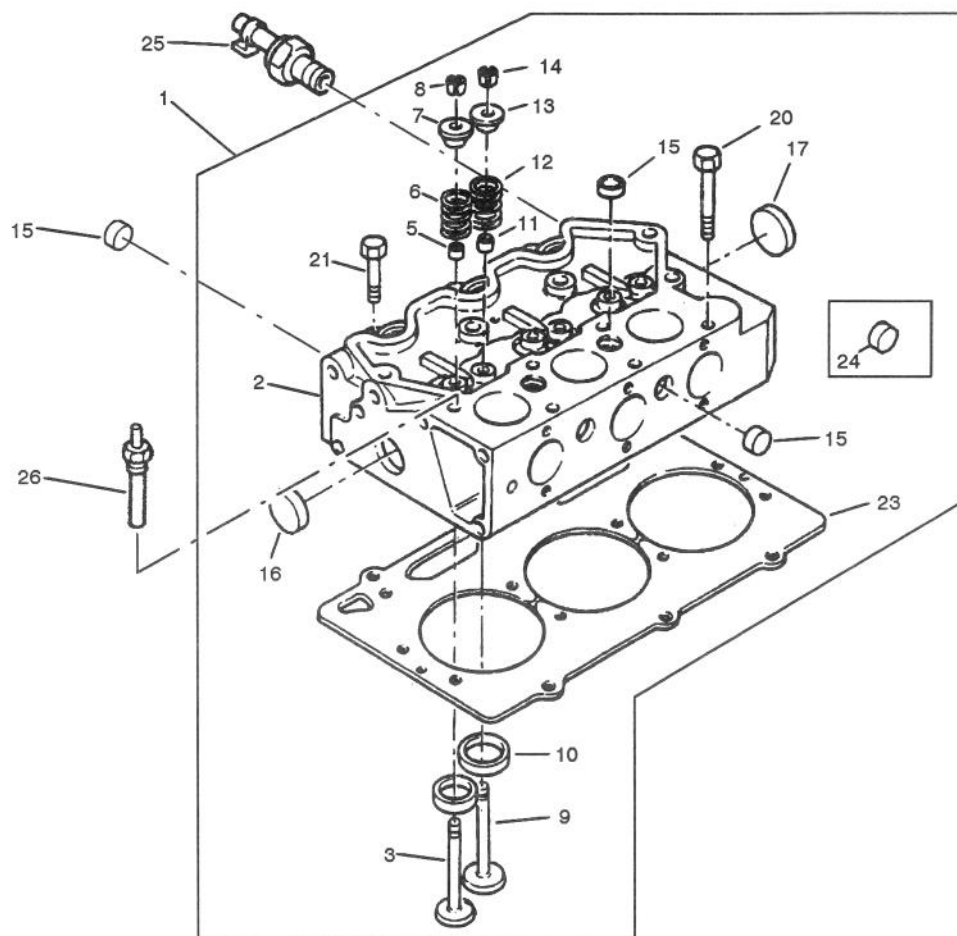
T-1378

## CRANKSHAFT ASSEMBLY

| Ref. No. | Part No.  | Description                                     | No. Used | Ref. No. | Part No.  | Description                            | No. Used |
|----------|-----------|-------------------------------------------------|----------|----------|-----------|----------------------------------------|----------|
| 1        | 115236020 | Kit - Crankshaft<br>Incl. Ref. #2)              | 1        | 13       | 020109103 | Nut                                    | 2        |
| 2        |           | Crankshaft                                      | 1        | 14       | 115016670 | Kit - Piston Std.                      | 3        |
| 3        | 115276210 | Gear                                            | 1        | *        | 115016674 | Kit - Piston +0.5mm                    | 1        |
| 4        | 030509020 | Key                                             | 1        | *        | 115016677 | Kit - Piston +1.0mm                    | 1        |
| 6        | 198586030 | Kit - Bearing Std.                              | 1        | 15       | 115016770 | Kit - Piston Std.<br>Incl. Ref. #16)   | 1        |
| *        | 198586034 | Kit - Bearing -0.25mm                           | 1        | *        | 115016774 | Kit - Piston +0.5mm<br>Incl. Ref. #16) | 1        |
| *        | 198586037 | Kit - Bearing -0.50mm                           | 1        | *        | 115016777 | Kit - Piston +1.0mm<br>Incl. Ref. #16) | 1        |
| 7        | 198586060 | Kit - Bearing Std.                              | 1        | 16       |           | Piston                                 | 1        |
| *        | 198586064 | Kit - Bearing -0.25mm                           | 1        | 17       | 115326260 | Pin                                    | 1        |
| *        | 198586067 | Kit - Bearing -0.50mm                           | 1        | 18       | 03500019  | Circlip                                | 2        |
| 8        | 115026240 | Connecting Rod Assembly<br>Incl. Ref. # 9 & 10) | 3        | 19       | 115107260 | Kit - Piston Ring                      | 1        |
| 9        |           | Rod                                             | 1        | *        | 115107263 | Kit - Piston Ring +0.5mm               | 1        |
| 10       |           | Cap                                             | 1        | *        | 115107265 | Kit - Piston Ring +1.0mm               | 1        |
| 11       | 198517325 | Bush                                            | 1        |          |           |                                        |          |
| 12       | 115176130 | Screw                                           | 2        |          |           |                                        |          |

NOTE: Obtain replacement parts from your local Perkins Dealer.

\*Not Illustrated



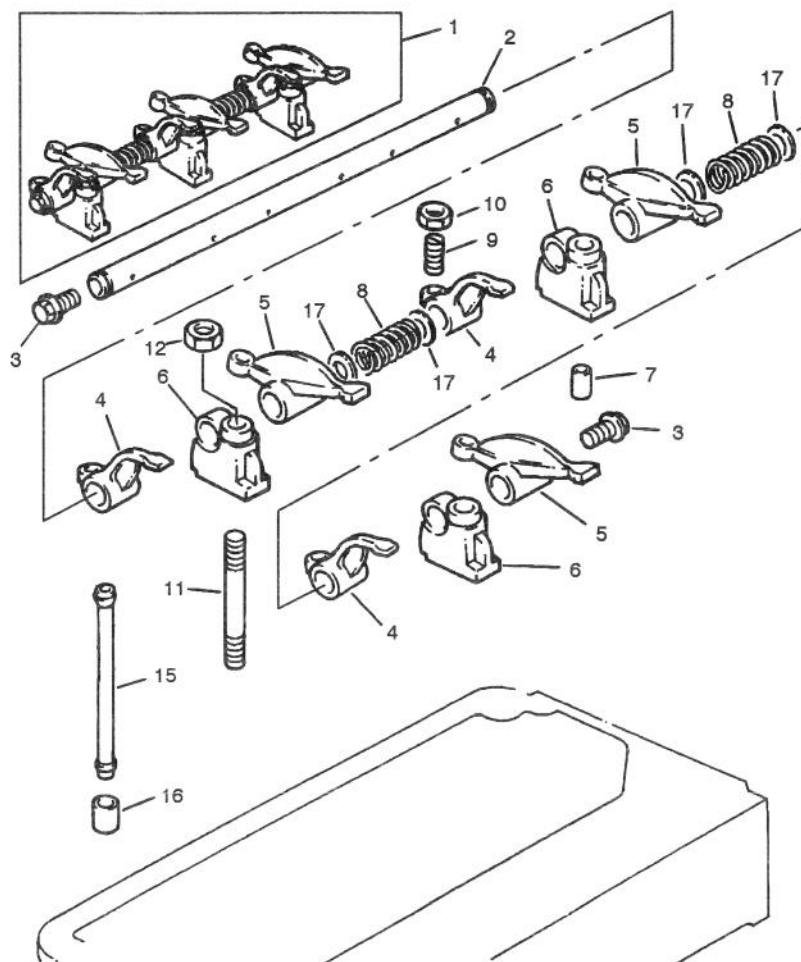
T-1379

## CYLINDER HEAD ASSEMBLY

| Ref. No. | Part No.  | Description         | No. Used | Ref. No. | Part No.  | Description           | No. Used |
|----------|-----------|---------------------|----------|----------|-----------|-----------------------|----------|
| 1        | 111016911 | Kit - Cylinder Head | 1        | 14       | 120226080 | Cotter                | 6        |
| 2        | 111086030 | Kit - Cylinder Head | 1        | 15       | 198466070 | Plug                  | 4        |
| 3        | 120166280 | Valve Inlet         | 3        | 16       | 064200022 | Plug                  | 3        |
| 5        | 120406080 | Seal                | 3        | 17       | 064200022 | Plug                  | 3        |
| 6        | 198217070 | Spring              | 3        | 20       | 111136340 | Screw                 | 11       |
| 7        | 120186100 | Cap                 | 3        | 21       | 111136350 | Screw                 | 3        |
| 8        | 120226080 | Cotter              | 6        | 23       | 111147100 | Gasket +1.2mm         | 1        |
| 9        | 120176290 | Valve Exhaust       | 3        | *        | 111147110 | Gasket +1.3mm         | 1        |
| 10       | 110136290 | Insert              | 3        | 24       | 064200018 | Plug                  | 2        |
| 11       | 120406080 | Seal                | 3        | 25       | 185246060 | Switch - Oil Pressure | 1        |
| 12       | 198217070 | Spring              | 3        | 26       | 385720101 | Sender - Temperature  | 1        |
| 13       | 120186100 | Cap                 | 3        |          |           |                       |          |

NOTE: Obtain replacement parts from your local Perkins Dealer.

\*Not Illustrated



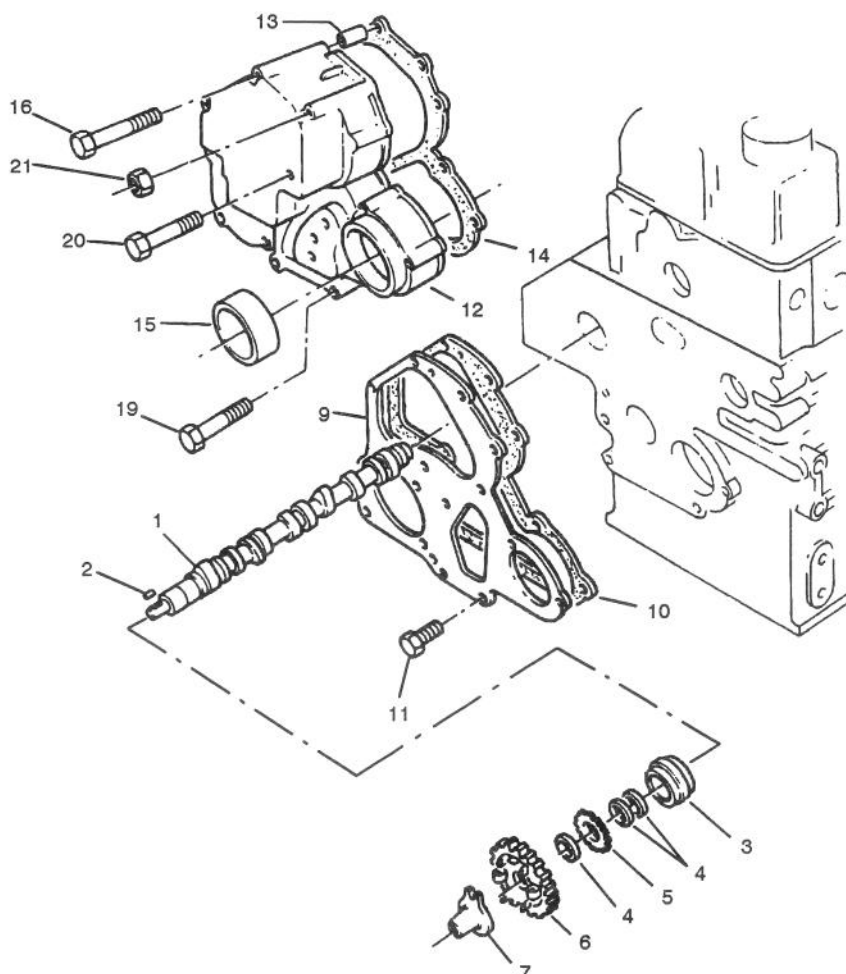
T-1380

## ROCKER ARM ASSEMBLY

| Ref. No. | Part No.  | Description           | No. Used |
|----------|-----------|-----------------------|----------|
| 1        | 120336020 | Rocker Shaft Assembly | 1        |
| 2        | 120316190 | Shaft                 | 1        |
| 3        | 064609006 | Plug                  | 2        |
| 4        | 120356120 | Lever                 | 3        |
| 5        | 120356110 | Lever                 | 3        |
| 6        | 120346170 | Bracket               | 3        |
| 7        | 030300325 | Pin                   | 1        |
| 8        | 198217080 | Spring                | 2        |

| Ref. No. | Part No.  | Description     | No. Used |
|----------|-----------|-----------------|----------|
| 9        | 199486220 | Adjusting Screw | 6        |
| 10       | 020109076 | Nut             | 6        |
| 11       | 012109177 | Stud            | 3        |
| 12       | 023100008 | Nut             | 3        |
| 15       | 120456240 | Rod             | 6        |
| 16       | 120116100 | Tappet          | 6        |
| 17       | 199280280 | Washer          | 4        |

NOTE: Obtain replacement parts from your local Perkins Dealer.

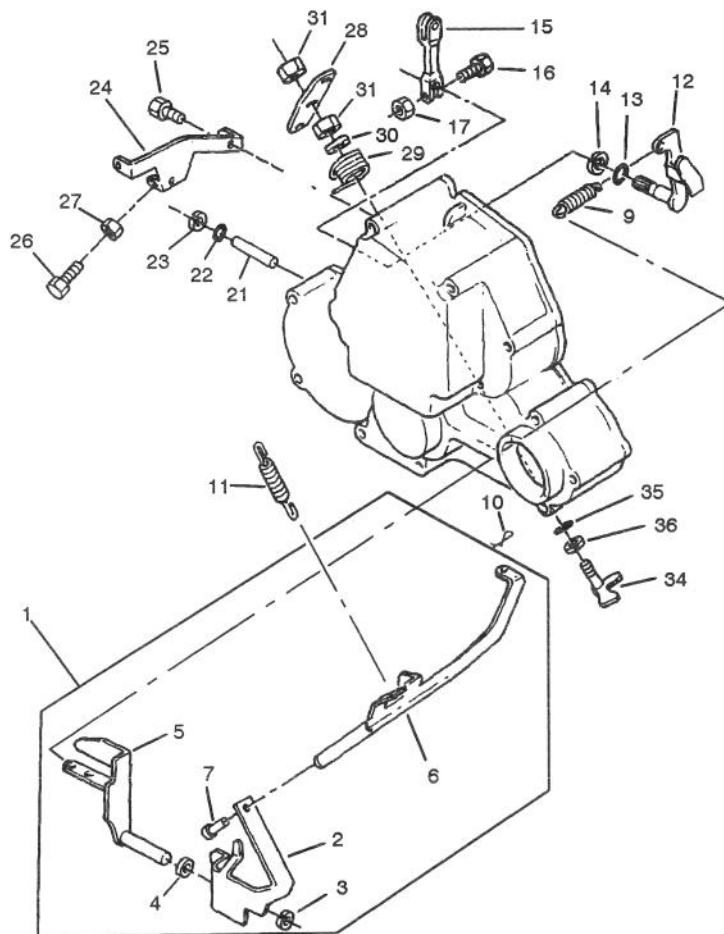


T-1381

## CAMSHAFT ASSEMBLY

| Ref. No. | Part No.  | Description | No. Used | Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|----------|-----------|-------------|----------|
| 1        | 120026120 | Camshaft    | 1        | 11       | 011300612 | Bolt        | 3        |
| 2        | 034100508 | Key         | 1        | 12       | 165106130 | Cover       | 1        |
| 3        | 040109059 | Bearing     | 1        | 13       | 030300414 | Pin         | 1        |
| 4        | 199216230 | Spacer      | 3        | 14       | 165996410 | Joint       | 1        |
| 5        | 120736081 | Gear        | 1        | 15       | 198636090 | Seal        | 1        |
| 6        | 120016030 | Gear        | 1        | 16       | 011300680 | Screw       | 2        |
| 7        | 125256120 | Tappet      | 1        | 19       | 011300640 | Screw       | 4        |
| 9        | 165166260 | Plate       | 1        | 20       | 011300660 | Screw       | 2        |
| 10       | 165996400 | Joint       | 1        | 21       | 023100006 | Nut         | 1        |

NOTE: Obtain replacement parts from your local Perkins Dealer.

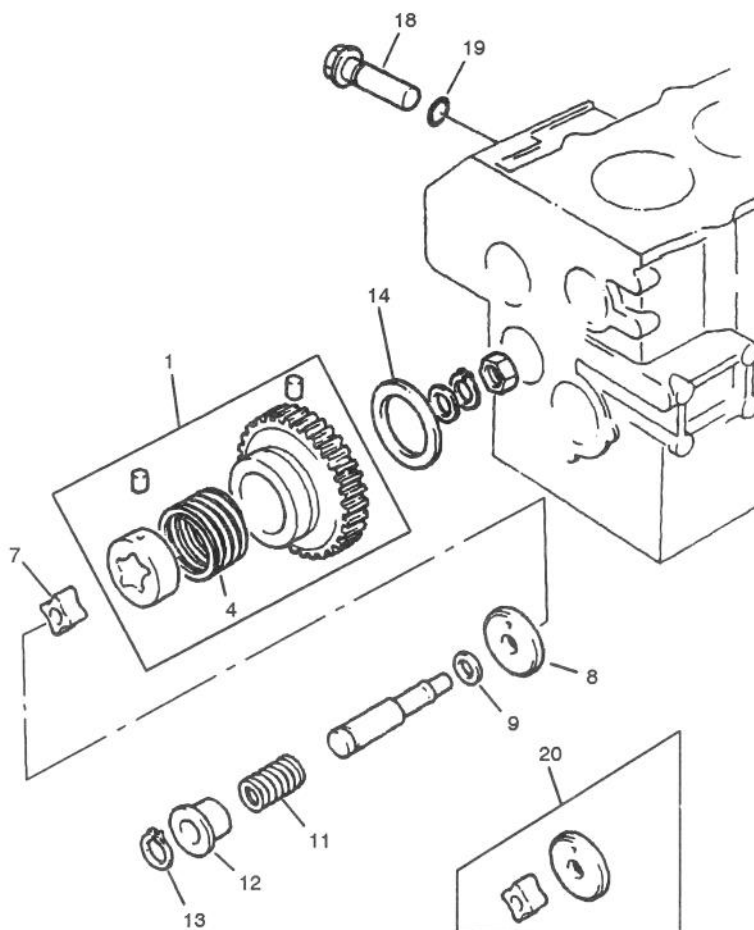


T-1382

## TIMING COVER ASSEMBLY

| Ref. No. | Part No.  | Description                     | No. Used | Ref. No. | Part No.  | Description   | No. Used |
|----------|-----------|---------------------------------|----------|----------|-----------|---------------|----------|
| 1        | 125046140 | Lever<br>(Incl. Ref. #2, 6 & 7) | 1        | 17       | 023100006 | Nut           | 1        |
| 2        |           | Lever                           | 1        | 21       | 125116130 | Shaft         | 1        |
| 3        | 036800008 | Circlip                         | 1        | 22       | 052100030 | Seal - O-Ring | 1        |
| 4        | 026200010 | Washer                          | 1        | 23       | 036800005 | Circlip       | 1        |
| 5        | 125406071 | Lever                           | 1        | 24       | 125976120 | Stay          | 1        |
| 6        |           | Link                            | 1        | 25       | 011300618 | Screw         | 2        |
| 7        |           | Pin                             | 1        | 26       | 010109264 | Screw         | 2        |
| 9        | 198217220 | Spring                          | 1        | 27       | 023100006 | Nut           | 2        |
| 10       | 031100004 | Pin                             | 1        | 28       | 125176080 | Lever         | 1        |
| 11       | 198217420 | Spring                          | 1        | 29       | 198216760 | Spring        | 1        |
| 12       | 125156170 | Arm                             | 1        | 30       | 026200008 | Washer        | 1        |
| 13       | 052100070 | O Ring                          | 1        | 31       | 020300008 | Nut           | 2        |
| 14       | 036800008 | Circlip                         | 1        | 34       | 125156180 | Arm           | 1        |
| 15       | 125416020 | Lever                           | 1        | 35       | 052100050 | O Ring        | 1        |
| 16       | 010110630 | Screw                           | 1        | 36       | 036800006 | Circlip       | 1        |

NOTE: Obtain replacement parts from your local Perkins Dealer.



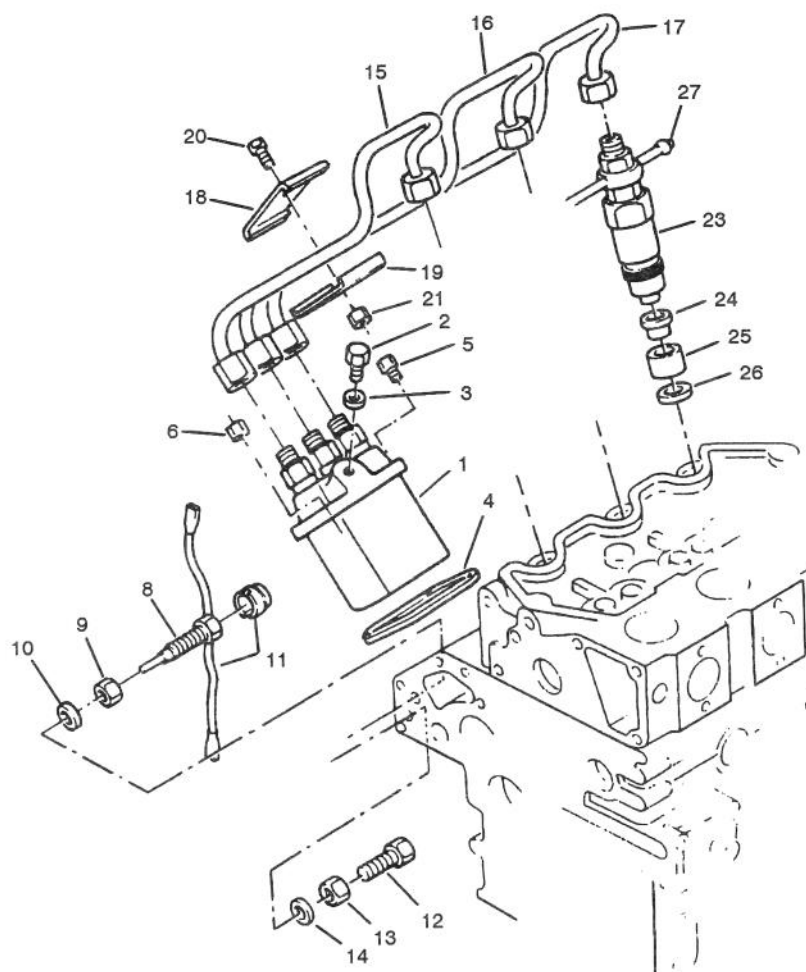
T-1383

## OIL PUMP ASSEMBLY

| Ref. No. | Part No.  | Description  | No. Used | Ref. No. | Part No.  | Description   | No. Used |
|----------|-----------|--------------|----------|----------|-----------|---------------|----------|
| 1        | 165026110 | Gear         | 1        | 11       | 198216720 | Spring        | 1        |
| 4        | 198216821 | Spring       | 1        | 12       | 199236540 | Collar        | 1        |
| 7        | 140166130 | Rotor        | 1        | 13       | 036800010 | Circlip       | 1        |
| 8        | 140116140 | Cover        | 1        | 14       | 199266180 | Washer        | 1        |
| 9        | 199286150 | Shim +0.10mm | 1        | 18       | 140036120 | Valve         | 1        |
| *        | 199286160 | Shim +0.15mm | 1        | 19       | 052100150 | Seal - O-Ring | 1        |
| *        | 199286170 | Shim +0.20mm | 1        | 20       | 140186010 | Repair Kit    | 1        |
| *        | 199286180 | Shim +0.50mm | 1        |          |           |               |          |

NOTE: Obtain replacement parts from your local Perkins Dealer.

\*Not Illustrated



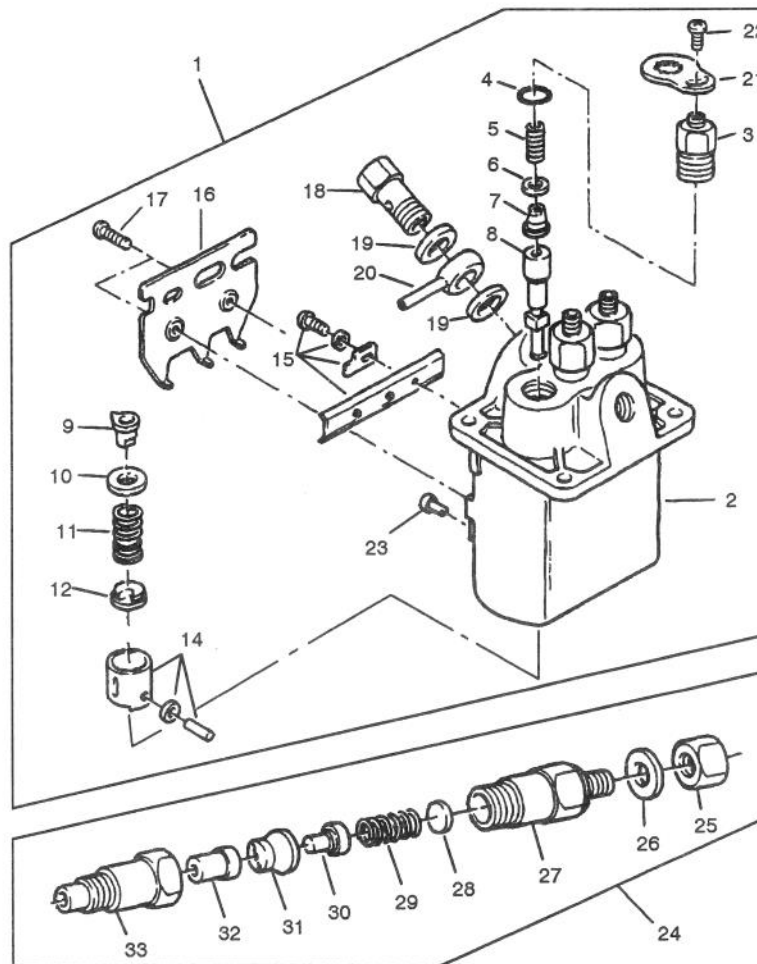
T-1384

## FUEL INJECTION SYSTEM ASSEMBLY

| Ref. No. | Part No.  | Description    | No. Used | Ref. No. | Part No.  | Description               | No. Used |
|----------|-----------|----------------|----------|----------|-----------|---------------------------|----------|
| 1        | 131017340 | Injection Pump | 1        | 13       | 023109002 | Nut                       | 1        |
| 2        | 131236201 | Screw          | 1        | 14       | 025100010 | Washer                    | 1        |
| 3        | 025100006 | Washer         | 1        | 15       | 131507010 | Injection Pipe No. 1 Cyl. | 1        |
| 4        | 131437310 | Shim +0.2mm    | 1        | 16       | 131507020 | Injection Pipe No. 2 Cyl. | 1        |
| *        | 131437320 | Shim +0.3mm    | 1        | 17       | 131507030 | Injection Pipe No. 3 Cyl. | 1        |
| *        | 131437330 | Shim +0.4mm    | 1        | 18       | 199106020 | Damper                    | 2        |
| *        | 131437340 | Shim +0.5mm    | 1        | 19       | 199106020 | Damper                    | 2        |
| *        | 131437340 | Shim +1.0mm    | 1        | 20       | 010100625 | Screw                     | 2        |
| 5        | 011300620 | Screw          | 2        | 21       | 023100006 | Nut                       | 2        |
| 6        | 023100006 | Nut            | 2        | 23       | 131406340 | Atomiser                  | 3        |
| 8        | 131046160 | Screw          | 1        | 24       | 131426200 | Gasket                    | 3        |
| 9        | 023109002 | Nut            | 1        | 25       | 111316280 | Insert                    | 3        |
| 10       | 025100010 | Washer         | 1        | 26       | 198996090 | Seal                      | 3        |
| 11       | 198236030 | Wire           | 1        | 27       | 131606260 | Pipe                      | 1        |
| 12       | 010109270 | Screw          | 1        |          |           |                           |          |

NOTE: Obtain replacement parts from your local Perkins Dealer.

\*Not Illustrated



T-1385

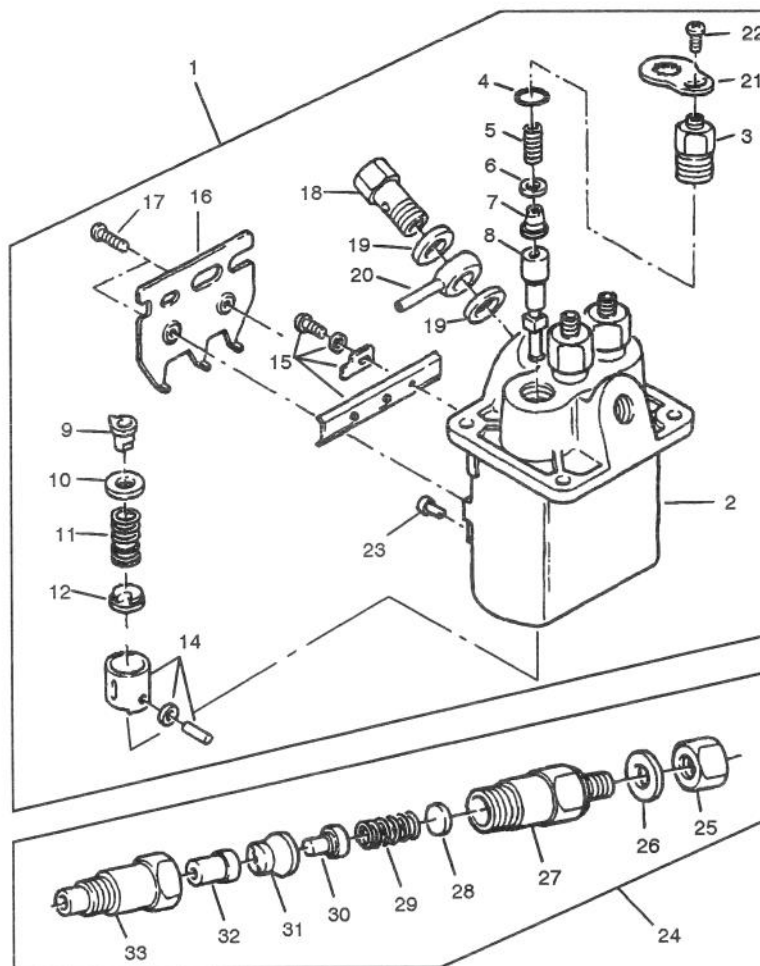
## INJECTION PUMP ASSEMBLY

| Ref. No. | Part No.  | Description    | No. Used |
|----------|-----------|----------------|----------|
| 1        | 131017340 | Injection Pipe | 1        |
| 2        | 131296665 | Housing        | 1        |
| 3        | 131196120 | Holder         | 3        |
| 4        | 131226170 | Seal - O-Ring  | 3        |
| 5        | 131176430 | Spring         | 3        |
| 6        | 131186050 | Gasket         | 3        |
| 7        | 131156160 | Valve          | 3        |
| 8        | 131116410 | Element        | 3        |
| 9        | 131296951 | Sleeve         | 3        |
| 10       | 131296620 | Seat           | 3        |
| 11       | 131176440 | Spring         | 3        |
| 12       | 131296621 | Seat           | 3        |
| *        | 131296622 | Plate +1.85mm  | 1        |
| *        | 131296623 | Plate +1.90mm  | 1        |
| *        | 131296625 | Plate +2.00mm  | 1        |
| *        | 131296626 | Plate +2.05mm  | 1        |
| *        | 131296627 | Plate +2.10mm  | 1        |
| *        | 131296628 | Plate +2.15mm  | 1        |
| *        | 131296629 | Plate +2.20mm  | 1        |
| *        | 131296630 | Plate +2.25mm  | 1        |
| *        | 131296631 | Plate +2.30mm  | 1        |
| *        | 131296632 | Plate +2.35mm  | 1        |
| *        | 131296633 | Plate +2.40mm  | 1        |
| *        | 131296634 | Plate +2.45mm  | 1        |
| *        | 131296635 | Plate +2.50mm  | 1        |
| 14       | 131256120 | Tappet         | 3        |

| Ref. No. | Part No.  | Description   | No. Used |
|----------|-----------|---------------|----------|
| 15       | 131296636 | Rack          | 1        |
| 16       | 131296650 | Bracket       | 1        |
| 17       | 131136320 | Screw         | 2        |
| 18       | 131236190 | Bolt          | 1        |
| 19       | 131246180 | Washer        | 2        |
| 20       | 131246130 | Nipple        | 1        |
| 21       | 131296662 | Plate         | 3        |
| 22       | 131136330 | Screw         | 3        |
| 23       | 131296651 | Pin           | 3        |
| 24       | 131406340 | Atomiser      | 3        |
| 25       | 131446069 | Nut           | 1        |
| 26       | 131426210 | Washer        | 1        |
| 27       | 131446065 | Body          | 1        |
| 28       | 131437250 | Shim +0.90mm  | 1        |
| *        | 131437251 | Shim +0.925mm | 1        |
| *        | 131437252 | Shim +0.95mm  | 1        |
| *        | 131437253 | Shim +0.975mm | 1        |
| *        | 131437354 | Shim +1.00mm  | 1        |
| *        | 131437255 | Shim +1.025mm | 1        |
| *        | 131437256 | Shim +1.05mm  | 1        |
| *        | 131437257 | Shim +1.075mm | 1        |
| *        | 131437258 | Shim +1.10mm  | 1        |
| *        | 131437259 | Shim +1.125mm | 1        |
| *        | 131437260 | Shim +1.15mm  | 1        |
| *        | 131437261 | Shim +1.175mm | 1        |
| *        | 131437262 | Shim +1.20mm  | 1        |

NOTE: Obtain replacement parts from your local Perkins Dealer.

\*Not Illustrated



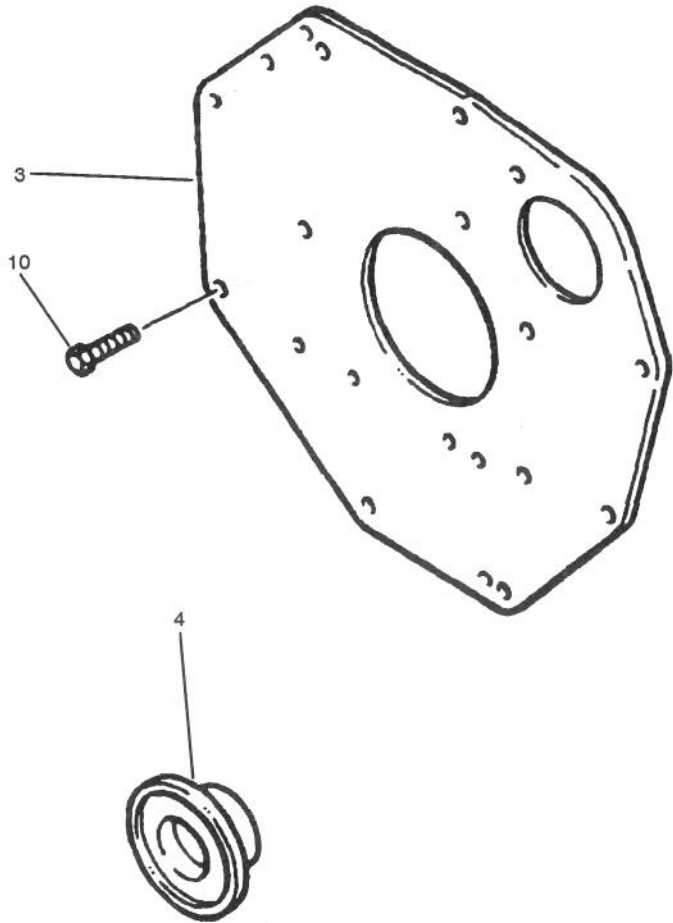
T-1385

## INJECTION PUMP ASSEMBLY (Continued)

| Ref. No. | Part No.  | Description   | No. Used | Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|---------------|----------|----------|-----------|-------------|----------|
| 28       | 131437263 | Shim +1.225mm | 1        | 29       | 131446066 | Spring      | 1        |
| *        | 131437264 | Shim +1.250mm | 1        | 30       | 131446070 | Pin         | 1        |
| *        | 131437265 | Shim +1.275mm | 1        | 31       | 131446068 | Spacer      | 1        |
| *        | 131437266 | Shim +1.30mm  | 1        | 32       | 131416150 | Nozzle      | 1        |
| *        | 131437267 | Shim +1.325mm | 1        | 33       | 131446067 | Nut         | 1        |
| *        | 131437268 | Shim +1.35mm  | 1        |          |           |             |          |
| *        | 131437269 | Shim +1.375mm | 1        |          |           |             |          |
| *        | 131437270 | Shim +1.40mm  | 1        |          |           |             |          |
| *        | 131437271 | Shim +1.425mm | 1        |          |           |             |          |
| *        | 131437272 | Shim +1.45mm  | 1        |          |           |             |          |

NOTE: Obtain replacement parts from your local Perkins Dealer.

\*Not Illustrated



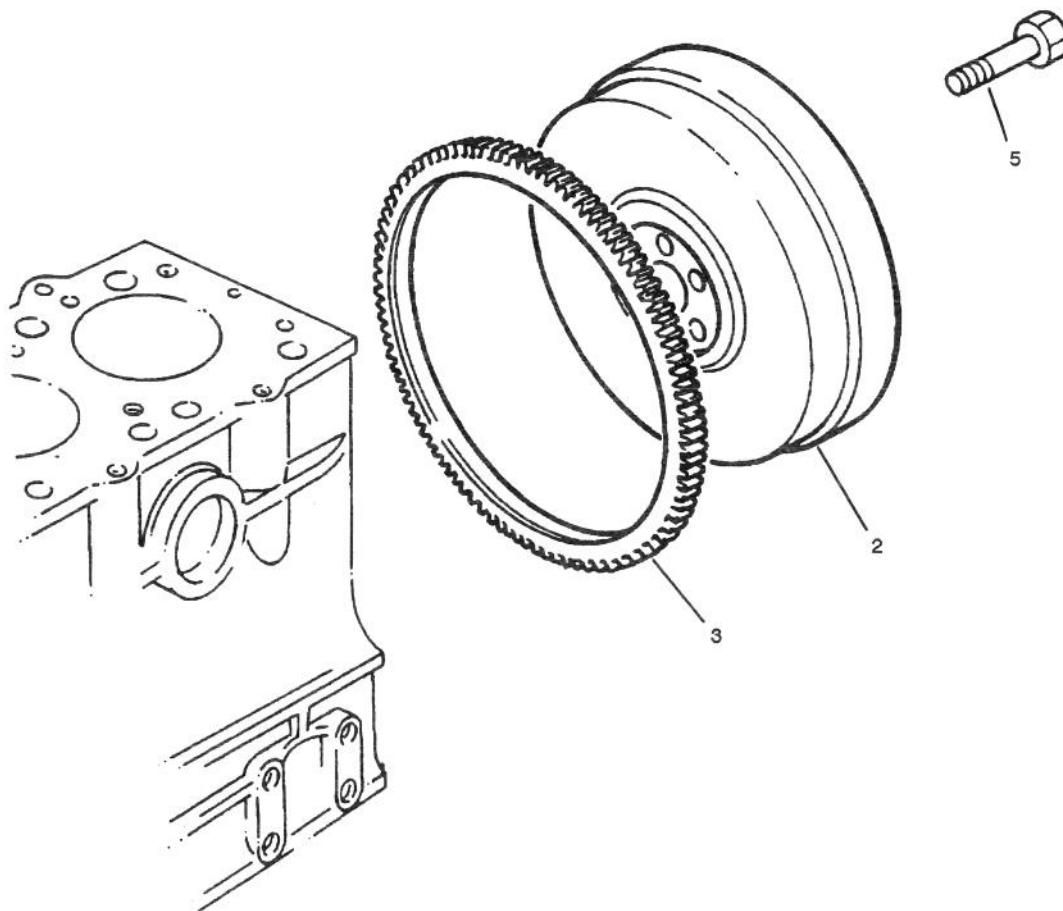
T-1386

# FLYWHEEL HOUSING ASSEMBLY

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 3        | 110366700 | Plate       | 1        |
| 4        | 198636080 | Seal        | 1        |

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 10       | 011310816 | Screw       | 10       |

NOTE: Obtain replacement parts from your local Perkins Dealer.



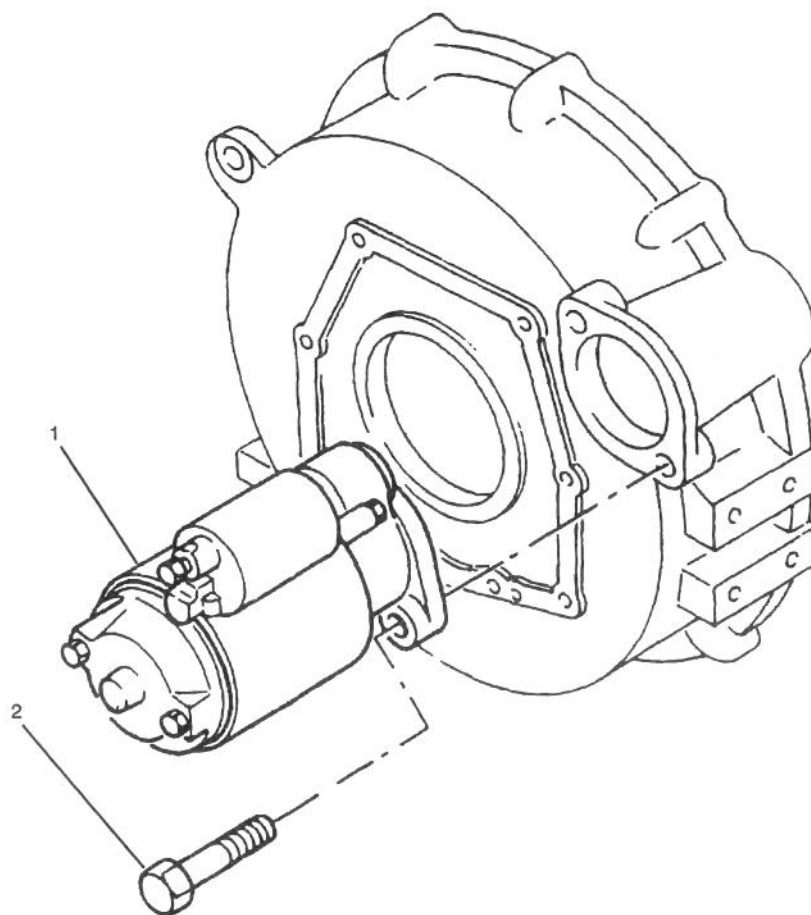
T-1387

## FLYWHEEL ASSEMBLY

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 2        | 115356921 | Flywheel    | 1        |
| 3        | 115376150 | Gear – Ring | 1        |

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 5        | 010109330 | Screw       | 4        |

**NOTE:** Obtain replacement parts from your local Perkins Dealer.



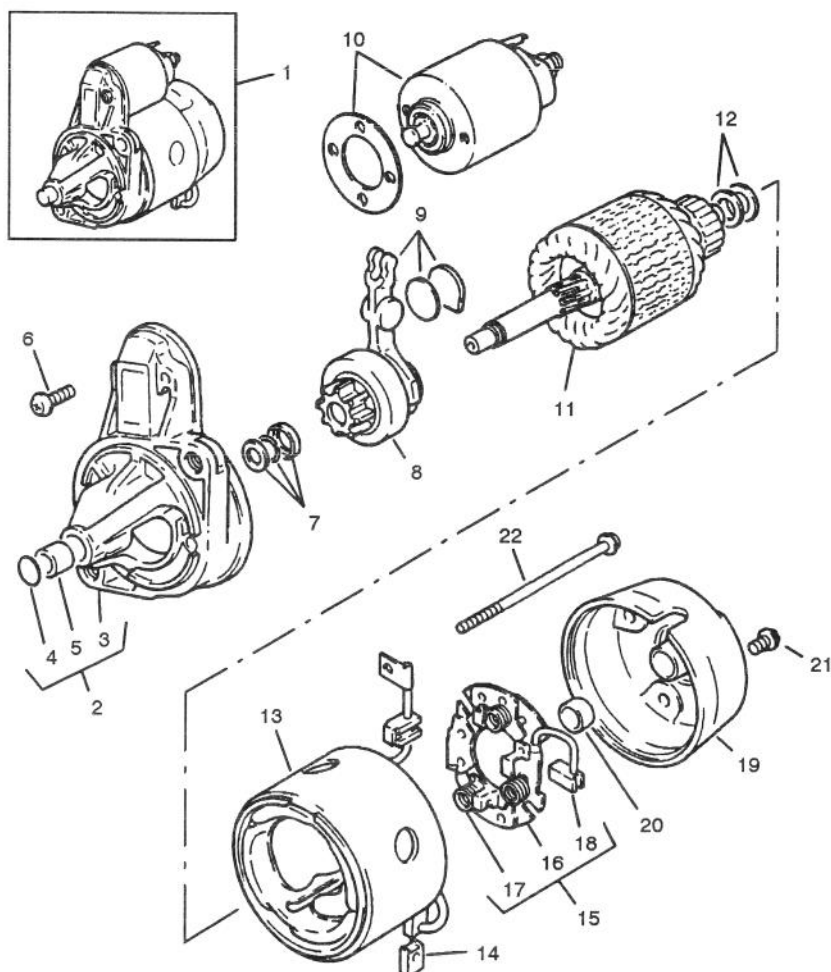
T-1388

## STARTER INSTALLATION ASSEMBLY

| Ref. No. | Part No.  | Description  | No. Used |
|----------|-----------|--------------|----------|
| 1        | 185086370 | Startermotor | 1        |

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 2        | 011601020 | Screw       | 2        |

**NOTE:** Obtain replacement parts from your local Perkins Dealer.

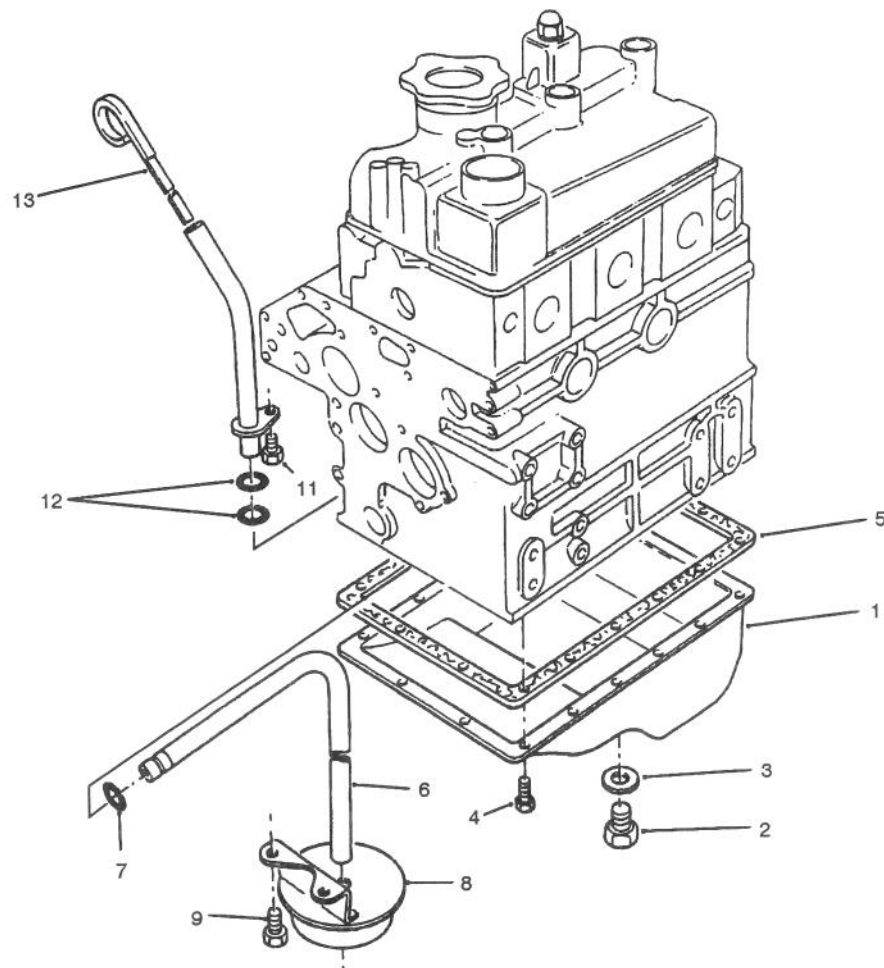


T-1389

## STARTER ASSEMBLY

| Ref. No. | Part No.  | Description                  | No. Used | Ref. No. | Part No.  | Description                | No. Used |
|----------|-----------|------------------------------|----------|----------|-----------|----------------------------|----------|
| 1        | 185086370 | Startermotor                 | 1        | 12       | 185846475 | Washer                     | 1        |
| 2        | 185846471 | Cover<br>(Incl. Ref. #3 & 4) | 1        | 13       | 185846476 | Yoke                       | 1        |
| 3        |           | Cover                        | 1        | 14       | 185416400 | Brush                      | 1        |
| 4        |           | Ring                         | 1        | 15       | 185416390 | Holder<br>(Incl. Ref. #16) | 1        |
| 5        | 185846472 | Bush                         | 2        | 16       |           | Holder                     | 1        |
| 6        | 185846468 | Screw                        | 2        | 17       | 185886010 | Spring                     | 1        |
| 7        | 185846473 | Washer                       | 1        | 18       | 185416410 | Brush                      | 1        |
| 8        | 185866240 | Pinion                       | 1        | 19       | 185846477 | Cover                      | 1        |
| 9        | 185846469 | Lever                        | 1        | 20       | 185846478 | Bush                       | 1        |
| 10       | 185816220 | Switch                       | 1        | 21       | 185846468 | Screw                      | 3        |
| 11       | 185846474 | Armature                     | 1        | 22       | 185846470 | Screw                      | 2        |

NOTE: Obtain replacement parts from your local Perkins Dealer.



T-1390

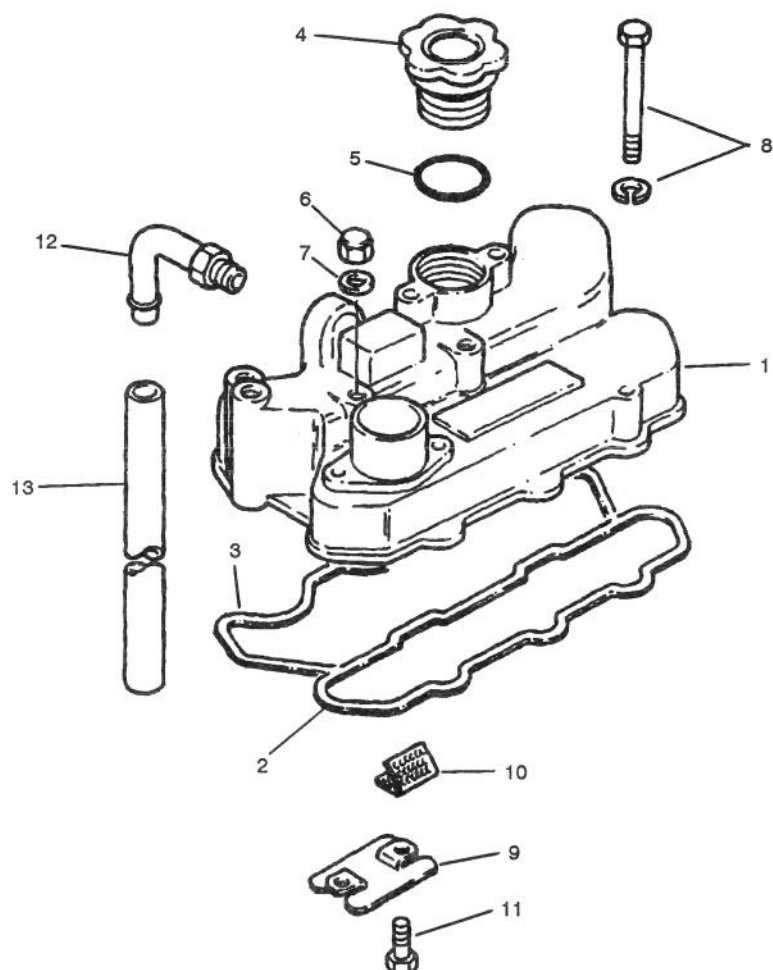
## OIL SUMP ASSEMBLY

| Ref. No. | Part No.  | Description   | No. Used |
|----------|-----------|---------------|----------|
| 1        | 110706860 | Sump          | 1        |
| 2        | 010401212 | Plug          | 2        |
| 3        | 025100012 | Washer        | 2        |
| 4        | 010109235 | Screw         | 18       |
| 5        | 110996590 | Gasket        | 1        |
| 6        | 140986590 | Pipe          | 1        |
| 7        | 052109076 | Seal - O-Ring | 1        |

| Ref. No. | Part No.  | Description   | No. Used |
|----------|-----------|---------------|----------|
| 8        | 140406310 | Strainer      | 1        |
| 9        | 011300612 | Bolt          | 2        |
| 11       | 011300612 | Bolt          | 1        |
| *        | 011300812 | Screw         | 1        |
| 12       | 052100100 | Seal - O-Ring | 2        |
| 13       | 198416371 | Dipstick      | 1        |

NOTE: Obtain replacement parts from your local Perkins Dealer.

\*Not Illustrated



T-1391

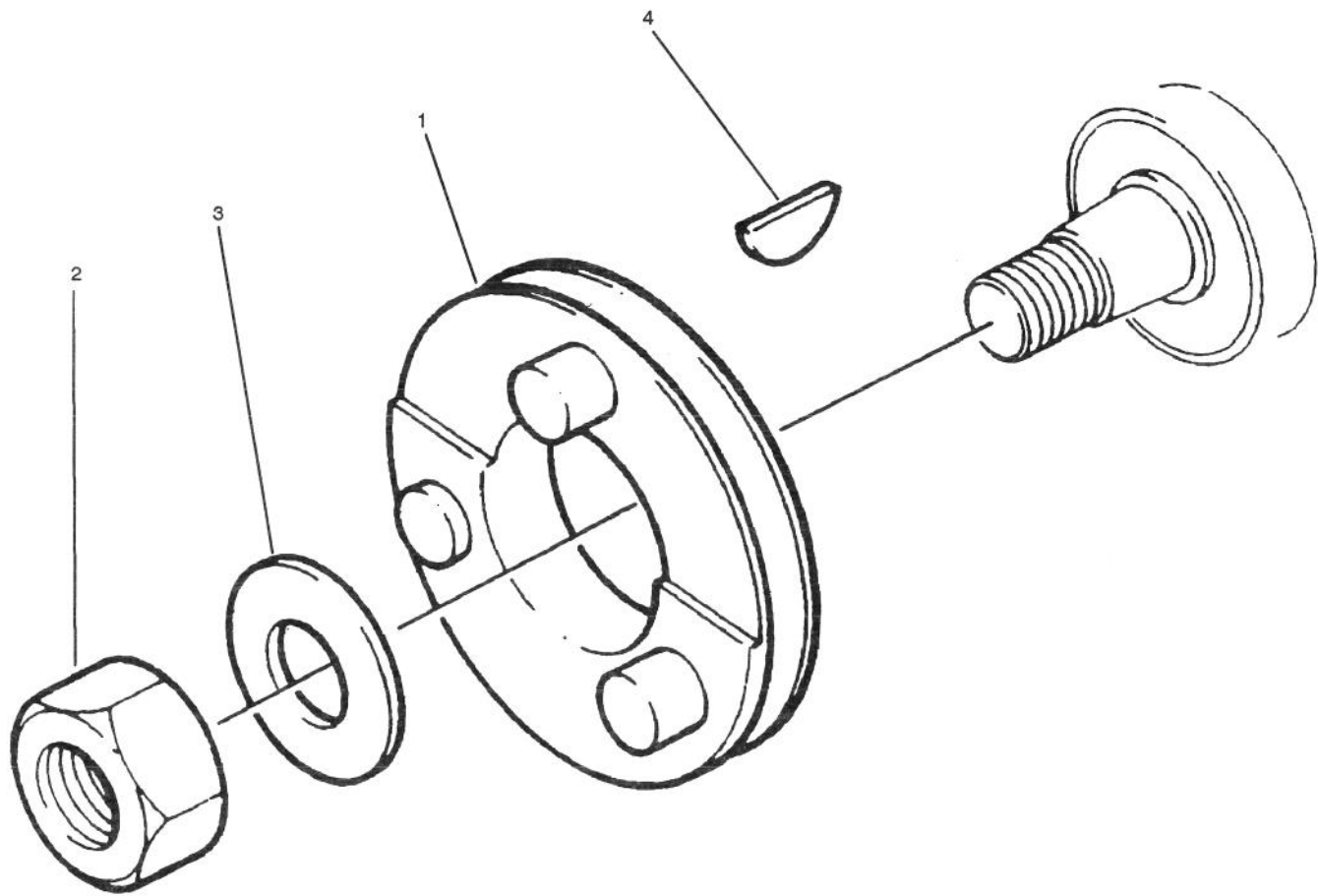
## VALVE COVER ASSEMBLY

| Ref. No. | Part No.  | Description | No. Used | Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|----------|-----------|-------------|----------|
| 1        | 111216630 | Cover       | 1        | 7        | 198996060 | Washer      | 3        |
| *        | 111026371 | Cover       | 1        | 8        | 011300650 | Screw       | 2        |
| 2        | 111996330 | Gasket      | 1        | 9        | 110666110 | Plate       | 1        |
| 3        | 111996060 | Gasket      | 1        | 10       | 110666120 | Gauze       | 1        |
| 4        | 198436010 | Cap         | 1        | 11       | 011300612 | Bolt        | 2        |
| 5        | 052100400 | Seal        | 1        | 12       | 110986500 | Pipe        | 1        |
| 6        | 024500008 | Nut         | 3        | 13       | 068122560 | Hose        | 1        |

NOTE: Obtain replacement parts from your local Perkins Dealer.

\*Not Illustrated





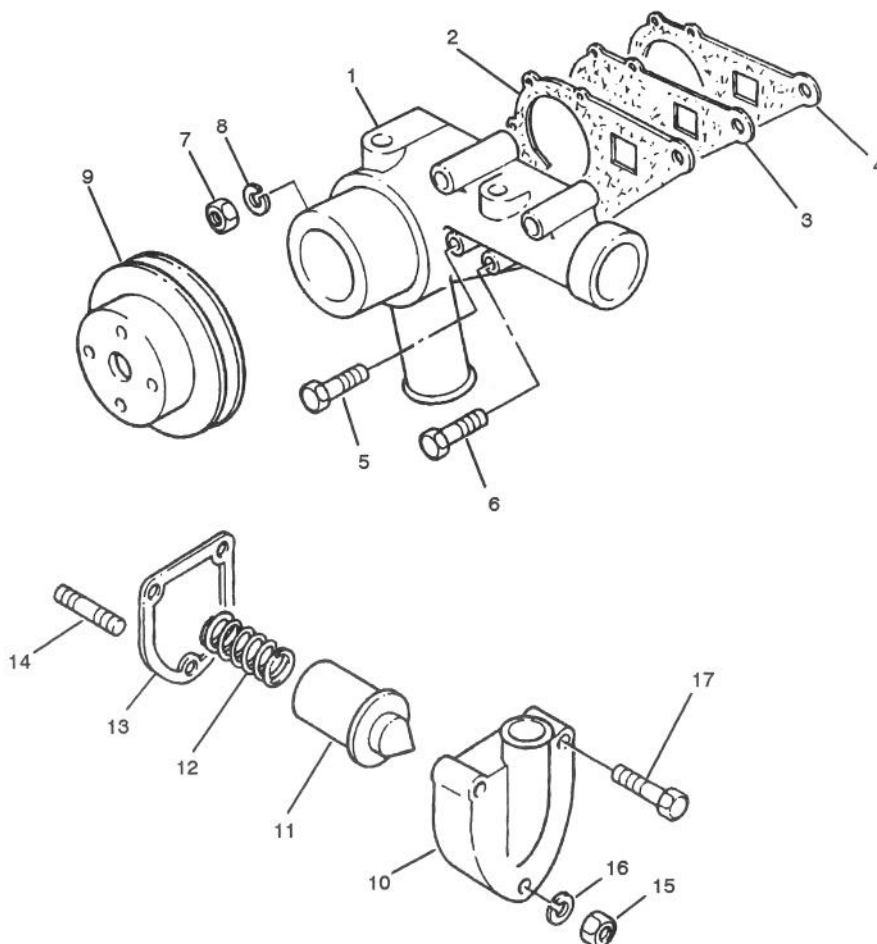
T-1393

## FRONT DRIVE PULLEY ASSEMBLY

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 1        | 115397550 | Pulley      | 1        |
| 2        | 020800018 | Nut         | 1        |

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 3        | 026200018 | Washer      | 1        |
| 4        | 134100508 | Key         | 1        |

**NOTE:** Obtain replacement parts from your local Perkins Dealer.

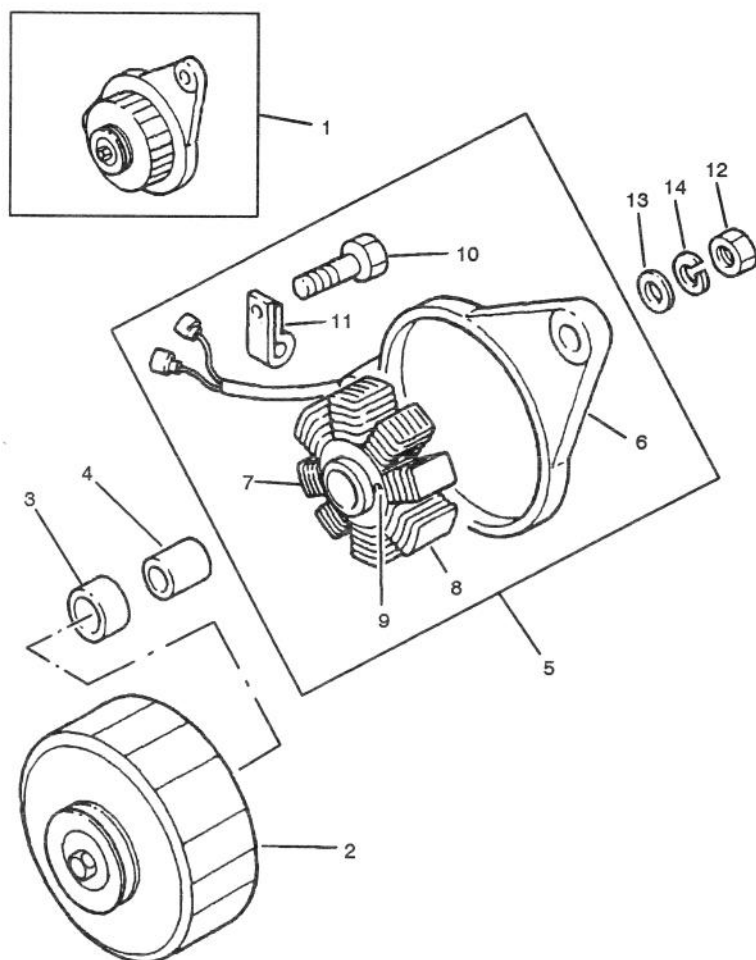


T-1394

## WATER PUMP ASSEMBLY

| Ref. No. | Part No.  | Description  | No. Used | Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|--------------|----------|----------|-----------|-------------|----------|
| 1        | 145016840 | Pump – Water | 1        | 10       | 145216160 | Housing     | 1        |
| 2        | 145996430 | Gasket       | 1        | 11       | 145206061 | Thermostat  | 1        |
| 3        | 145146270 | Backplate    | 1        | 12       | 198217090 | Spring      | 1        |
| 4        | 145996420 | Gasket       | 1        | 13       | 145996440 | Gasket      | 1        |
| 5        | 011300635 | Screw        | 3        | 14       | 012100650 | Stud        | 1        |
| 6        | 011300650 | Screw        | 4        | 15       | 023100006 | Nut         | 1        |
| 7        | 023100006 | Nut          | 1        | 16       | 027100006 | Washer      | 1        |
| 8        | 027100006 | Washer       | 1        | 17       | 011300650 | Screw       | 2        |
| 9        | 145336490 | Pulley       | 1        |          |           |             |          |

NOTE: Obtain replacement parts from your local Perkins Dealer.

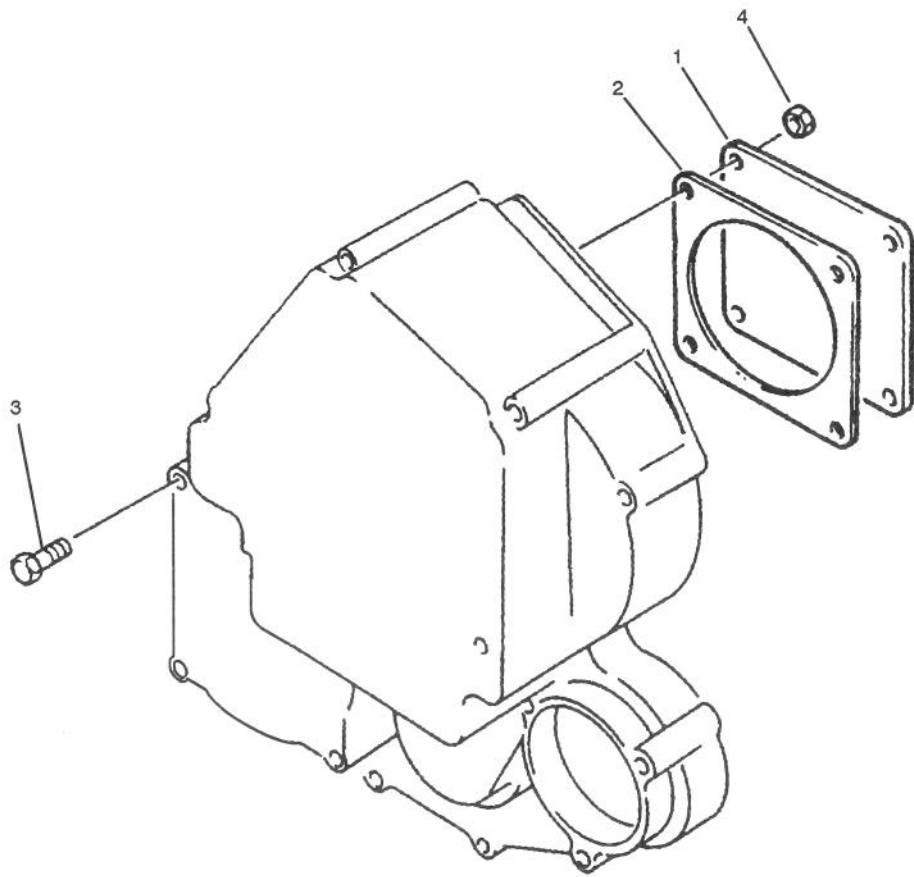


T-1397

## ALTERNATOR ASSEMBLY

| Ref. No. | Part No.  | Description | No. Used | Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|----------|-----------|-------------|----------|
| 1        | 185046210 | Alternator  | 1        | 8        | 185426218 | Stator      | 1        |
| 2        | 185446219 | Pulley      | 1        | 9        | 015140425 | Screw       | 2        |
| 3        | 040126201 | Bearing     | 1        | 10       | 015140408 | Screw       | 1        |
| 4        | 199236510 | Collar      | 1        | 11       | 185446220 | Clip        | 1        |
| 5        | 185446217 | Plate       | 1        | 12       | 020210010 | Nut         | 1        |
| 6        | 185716200 | Plate       | 1        | 13       | 026100010 | Washer      | 1        |
| 7        | 040126201 | Bearing     | 1        | 14       | 027100010 | Washer      | 1        |

NOTE: Obtain replacement parts from your local Perkins Dealer.



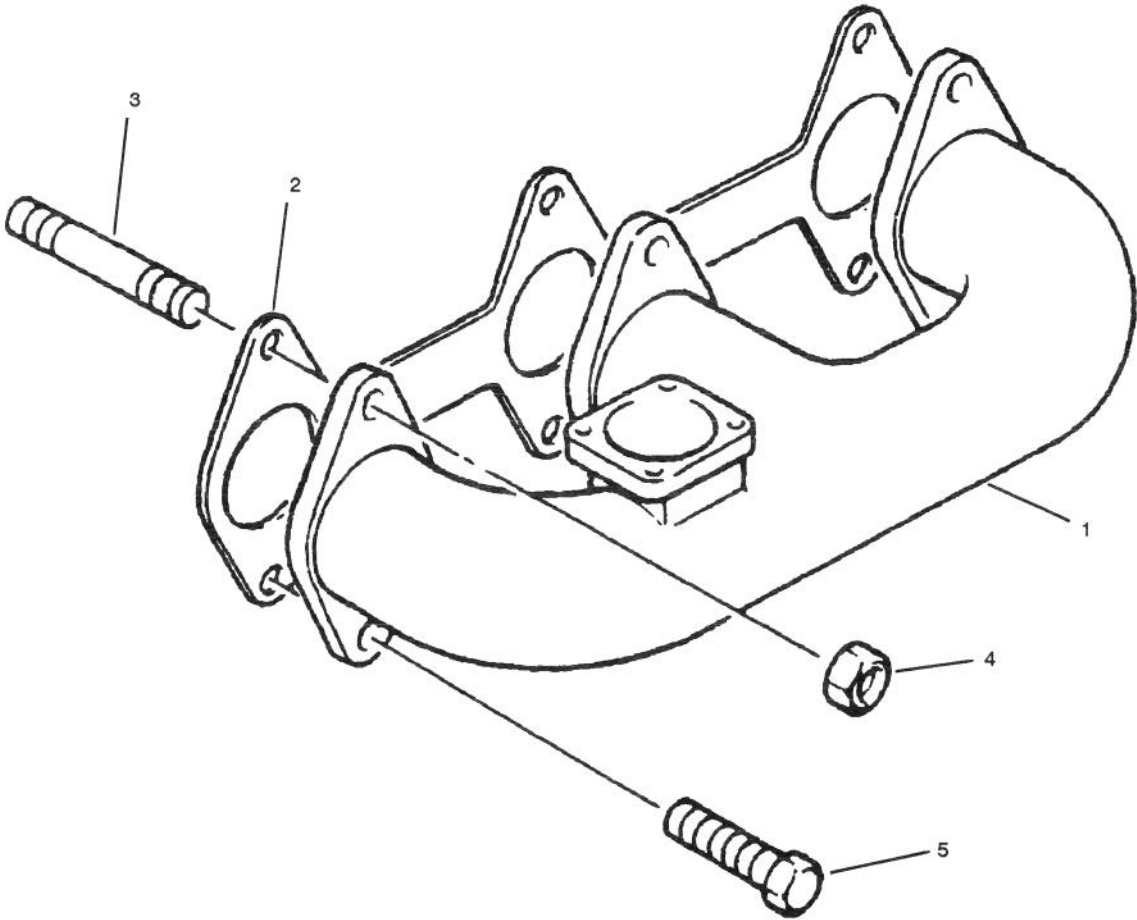
T-1398

# **TIMING COVER PLATE ASSEMBLY**

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 1        | 165206360 | Plate       | 1        |
| 2        | 165996420 | Gasket      | 1        |

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 3        | 010110850 | Screw       | 4        |
| 4        | 023100008 | Nut         | 4        |

NOTE: Obtain replacement parts from your local Perkins Dealer.



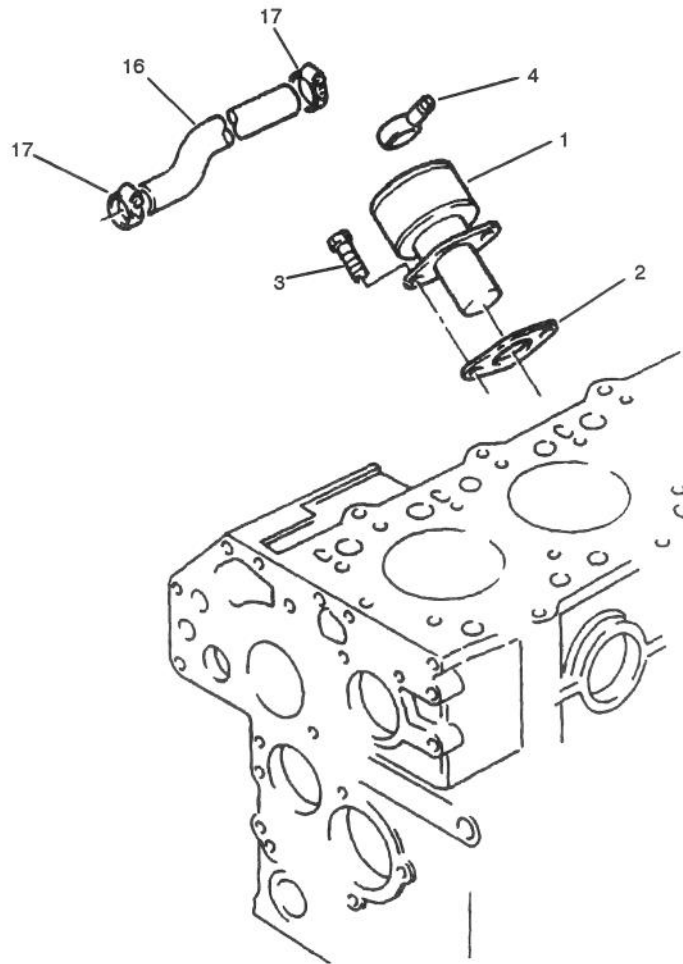
T-1399

**EXHAUST MANIFOLD ASSEMBLY**

| Ref. No. | Part No.  | Description        | No. Used |
|----------|-----------|--------------------|----------|
| 1        | 135616630 | Manifold – Exhaust | 1        |
| 2        | 135996520 | Gasket             | 1        |
| 3        | 012110625 | Stud               | 3        |

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 4        | 023100006 | Nut         | 3        |
| 5        | 011310625 | Screw       | 3        |

NOTE: Obtain replacement parts from your local Perkins Dealer.

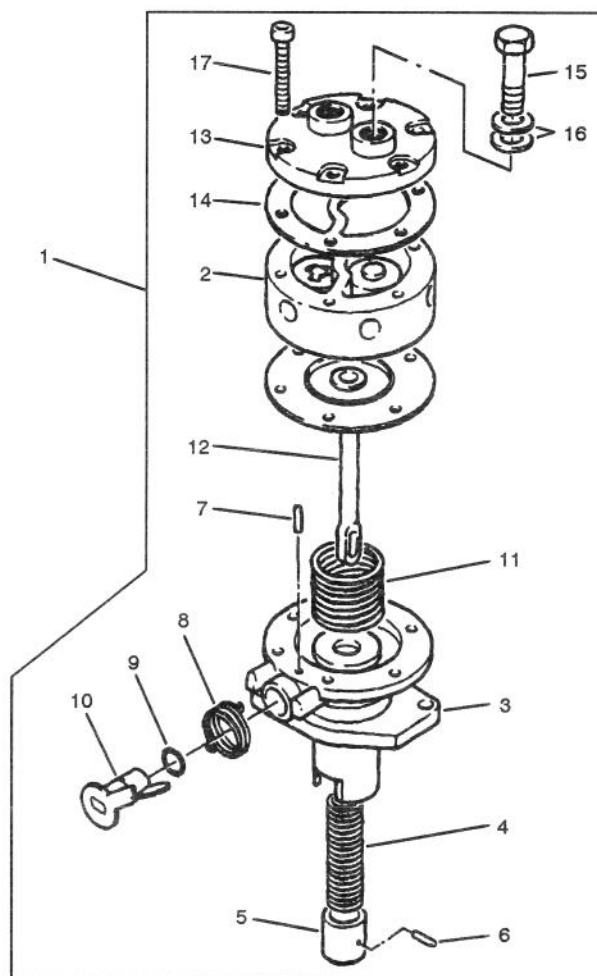


T-1400

## LOW PRESSURE FUEL SYSTEM ASSEMBLY

| Ref. No. | Part No.  | Description | No. Used | Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|----------|-----------|-------------|----------|
| 1        | 130506140 | Pump – Lift | 1        | 4        | 198486840 | Connection  | 2        |
| 2        | 130996070 | Gasket      | 1        | 16       | 068209084 | Hose        | 1        |
| 3        | 011140616 | Screw       | 2        | 17       | 067100015 | Clip        | 2        |

NOTE: Obtain replacement parts from your local Perkins Dealer.

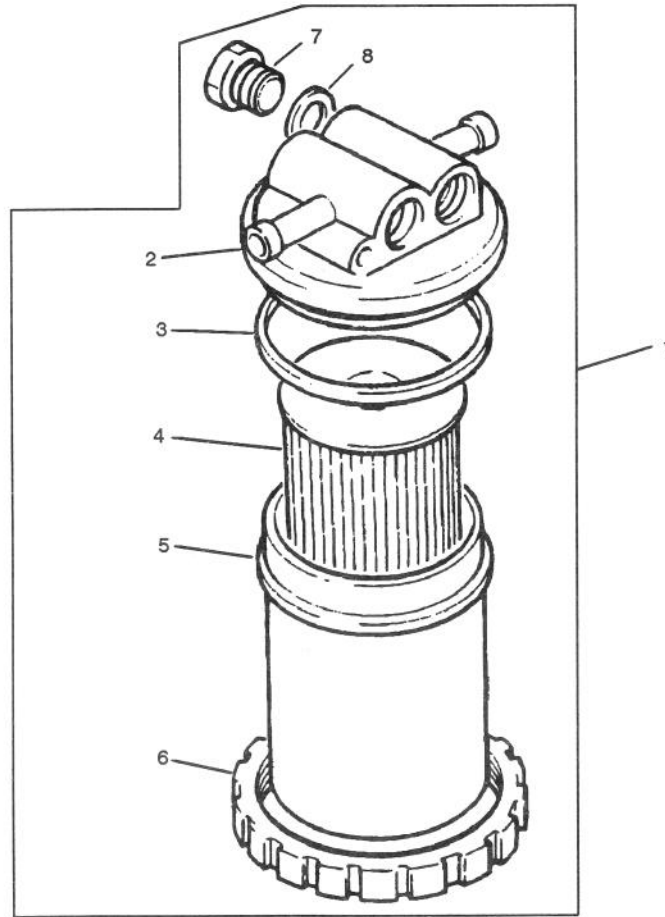


T-1401

## LIFT PUMP ASSEMBLY

| Ref. No. | Part No.  | Description                           | No. Used | Ref. No. | Part No.  | Description   | No. Used |
|----------|-----------|---------------------------------------|----------|----------|-----------|---------------|----------|
| 1        | 130506140 | Lift Pump Assembly<br>(Incl. Ref. #2) | 1        | 9        | 131226180 | Seal - O-Ring | 1        |
| 2        |           | Body                                  | 1        | 10       | 130516086 | Lever         | 1        |
| 3        | 130516080 | Body                                  | 1        | 11       | 130516087 | Spring        | 1        |
| 4        | 130516081 | Spring                                | 1        | 12       | 130516084 | Diaphragm     | 1        |
| 5        | 130516082 | Plunger                               | 1        | 13       | 130516090 | Cap           | 1        |
| 6        | 130516085 | Pin                                   | 1        | 14       | 130516089 | Gasket        | 1        |
| 7        | 130516088 | Pin                                   | 1        | 15       | 130516092 | Bolt          | 2        |
| 8        | 130516083 | Spring                                | 1        | 16       | 130516069 | Washer        | 4        |
|          |           |                                       |          | 17       | 130516091 | Screw         | 6        |

NOTE: Obtain replacement parts from your local Perkins Dealer.



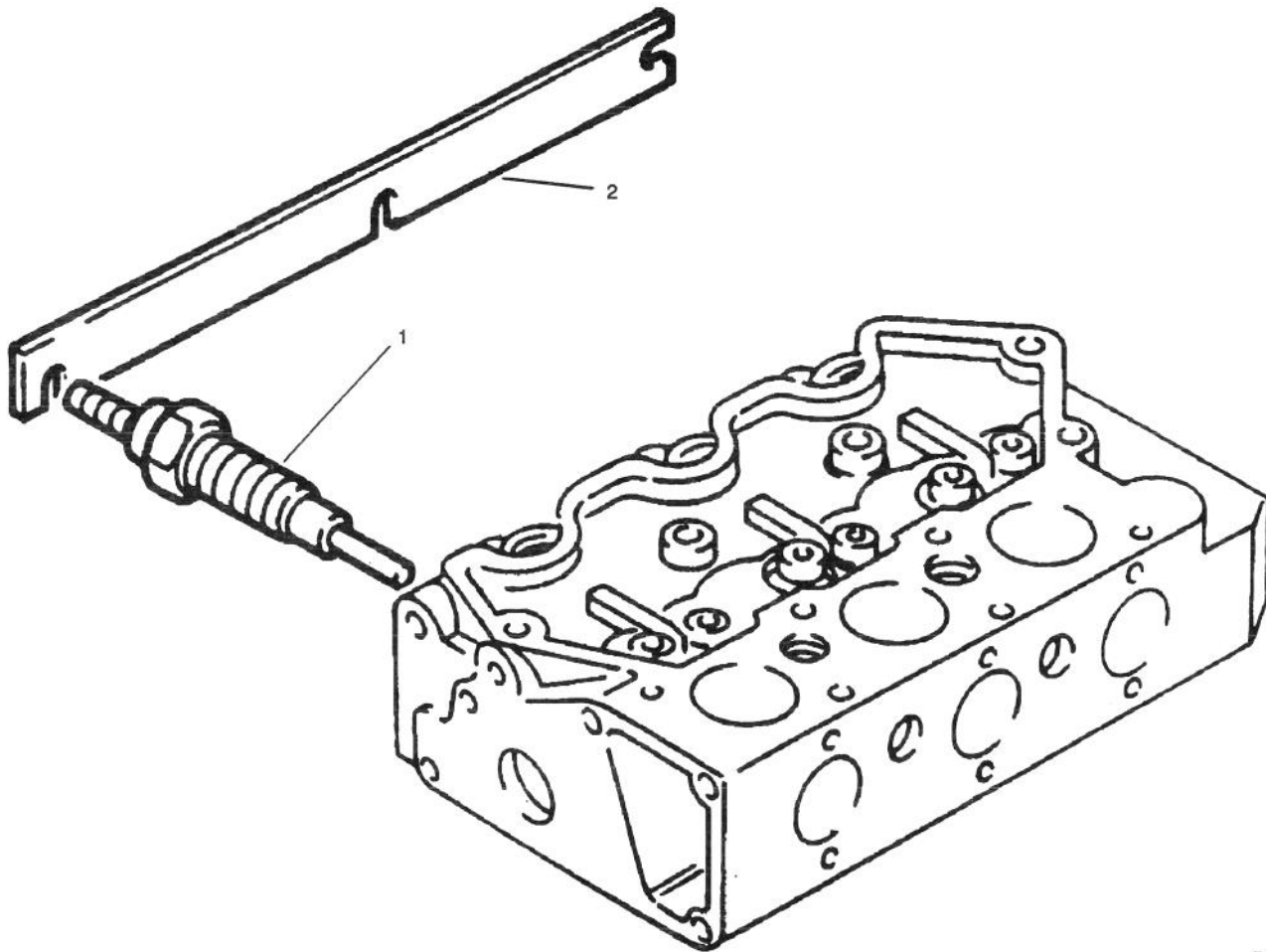
T-1402

## FUEL FILTER ASSEMBLY

| Ref. No. | Part No.  | Description                          | No. Used |
|----------|-----------|--------------------------------------|----------|
| 1        | 130306041 | Fuel Filter Assembly (Incl. Ref. #2) | 1        |
| 2        |           | Head                                 | 1        |
| 3        | 052100440 | Seal - O-Ring                        | 1        |
| 4        | 130366040 | Element                              | 1        |

| Ref. No. | Part No.  | Description   | No. Used |
|----------|-----------|---------------|----------|
| 5        | 130336031 | Container     | 1        |
| 6        | 130446090 | Seal - O-Ring | 1        |
| 7        | 130446080 | Plug          | 2        |
| 8        | 130326120 | Washer        | 2        |

NOTE: Obtain replacement parts from your local Perkins Dealer.



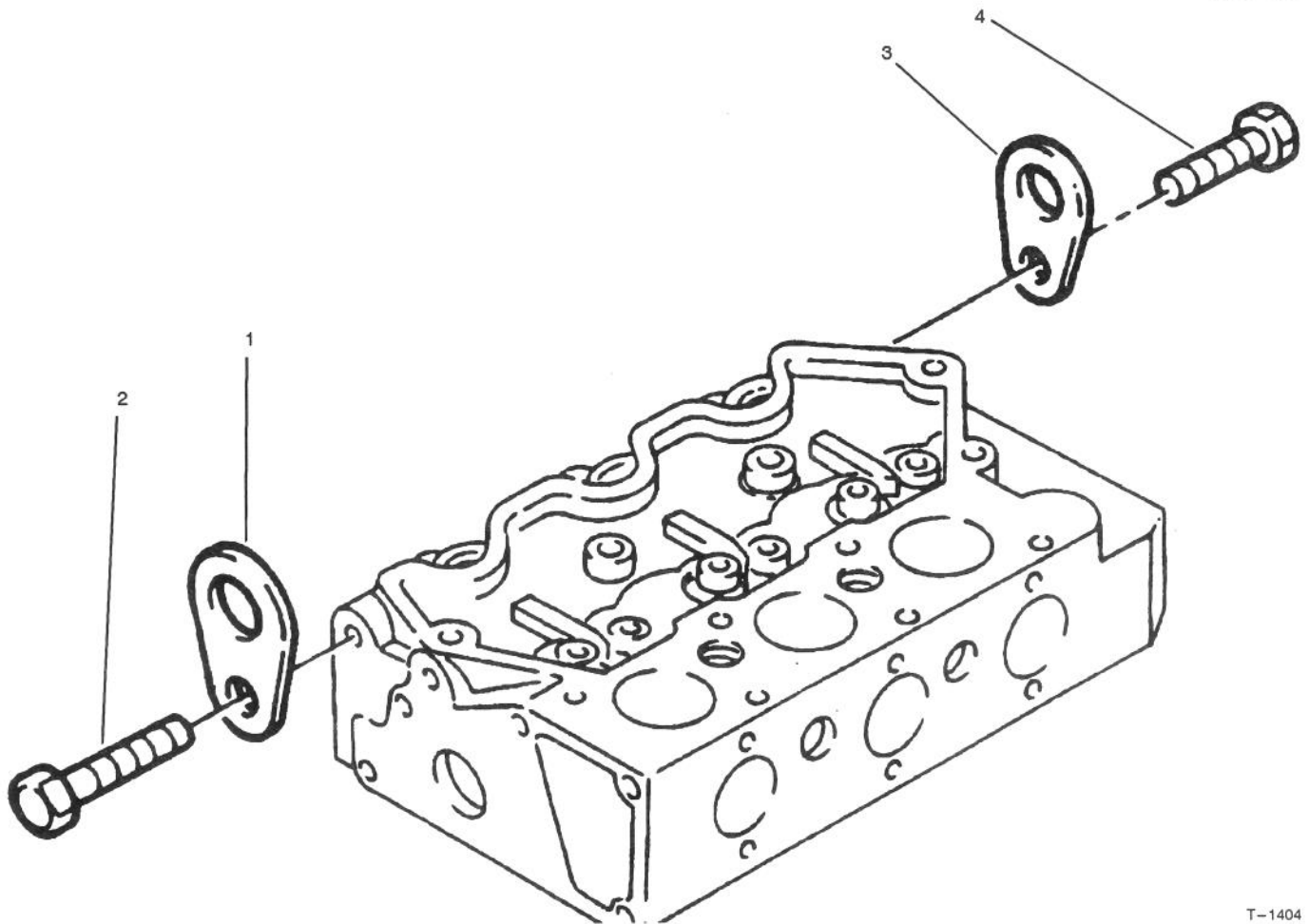
T-1403

## COLD START SYSTEM ASSEMBLY

| Ref.<br>No. | Part No.  | Description | No.<br>Used |
|-------------|-----------|-------------|-------------|
| 1           | 185366060 | Heater      | 3           |

| Ref.<br>No. | Part No.  | Description | No.<br>Used |
|-------------|-----------|-------------|-------------|
| 2           | 185376170 | Bar         | 1           |

**NOTE: Obtain replacement parts from your local Perkins Dealer.**



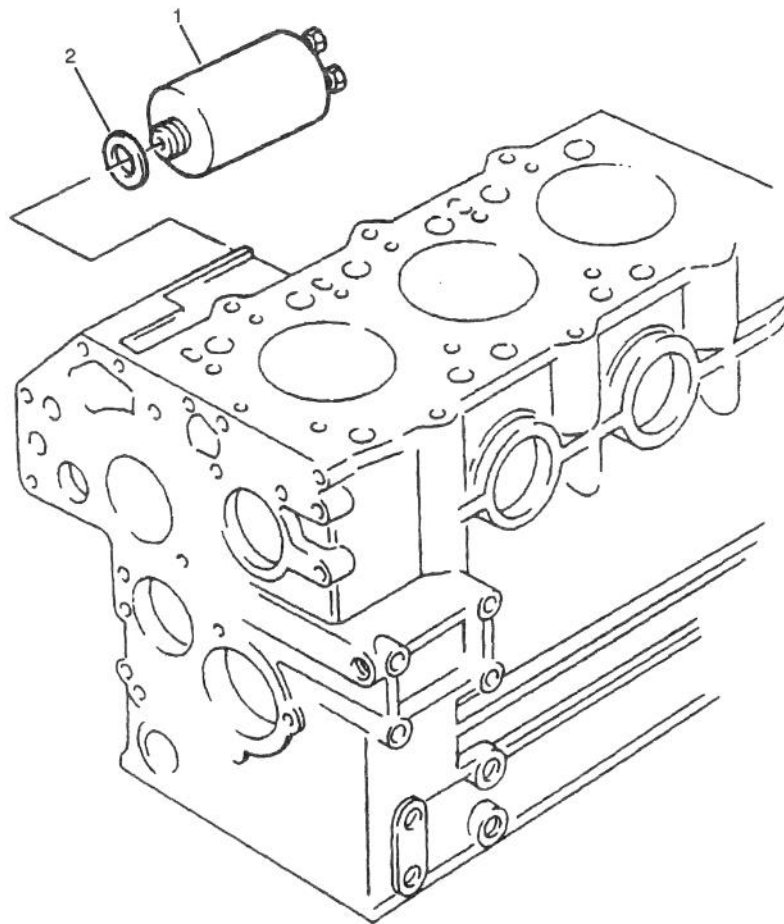
T-1404

## ENGINE LIFTING TAB ASSEMBLY

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 1        | 195816200 | Plate       | 1        |
| 2        | 011310816 | Screw       | 1        |

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 3        | 195816200 | Plate       | 1        |
| 4        | 011310816 | Screw       | 1        |

NOTE: Obtain replacement parts from your local Perkins Dealer.



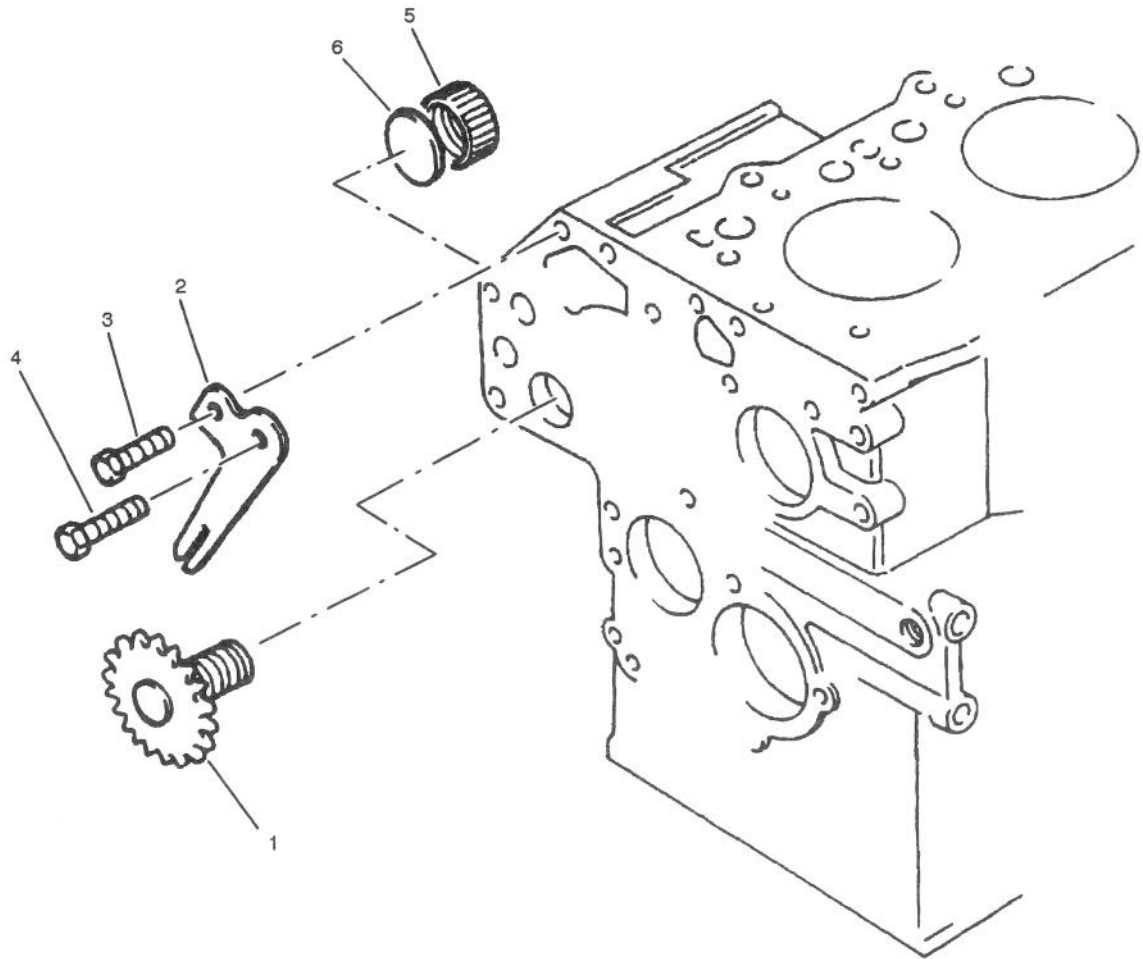
T-1405

## THROTTLE STOP ASSEMBLY

| Ref.<br>No. | Part No.  | Description | No.<br>Used |
|-------------|-----------|-------------|-------------|
| 1           | 185206082 | Solenoid    | 1           |

| Ref.<br>No. | Part No.  | Description | No.<br>Used |
|-------------|-----------|-------------|-------------|
| 2           | 025100016 | Washer      | 1           |

**NOTE:** Obtain replacement parts from your local Perkins Dealer.



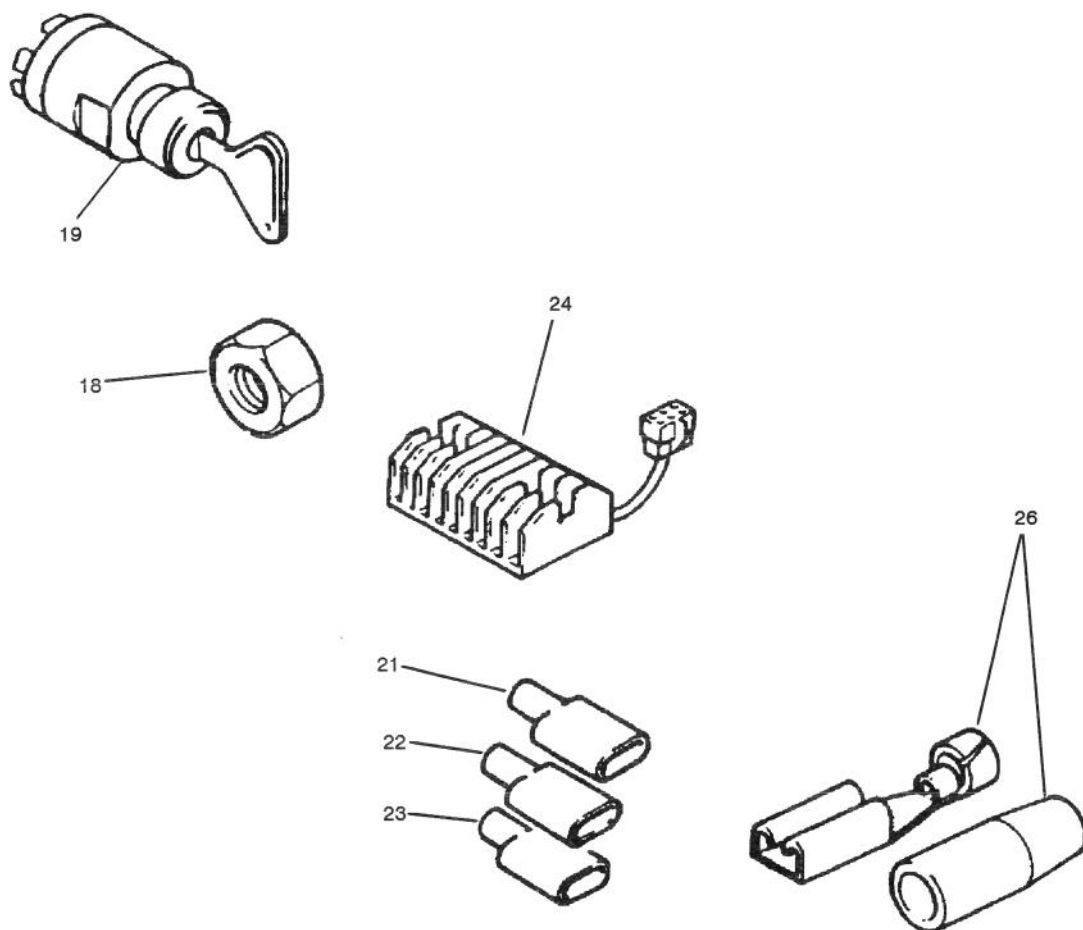
T-1406

**RECORDER ASSEMBLY**

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 1        | 120076070 | Shaft       | 1        |
| 2        | 199566651 | Plate       | 1        |
| 3        | 011310612 | Screw       | 1        |

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 4        | 010700610 | Screw       | 1        |
| 5        | 199376230 | Cap         | 1        |
| 6        | 120996060 | Seal        | 1        |

NOTE: Obtain replacement parts from your local Perkins Dealer.



T-1407

## ELECTRICAL COMPONENT ASSEMBLY

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 18       | 020100008 | Nut         | 1        |
| 19       | 385201160 | Switch      | 1        |
| 21       | 385620010 | Connection  | 1        |
| 22       | 385620280 | Connection  | 2        |

| Ref. No. | Part No.  | Description | No. Used |
|----------|-----------|-------------|----------|
| 23       | 385620270 | Connection  | 1        |
| 24       | 185516060 | Regulator   | 1        |
| 26       | 385620200 | Connection  | 2        |

**NOTE: Obtain replacement parts from your local Perkins Dealer.**

# INTERNATIONAL DECAL CROSS REFERENCE

## JAPANESE DECAL KIT NO. 85-5110

| DESCRIPTION          | LOCATION                 | PART NUMBER |          |
|----------------------|--------------------------|-------------|----------|
|                      |                          | ENGLISH     | JAPANESE |
| Decal Control        | Skirt Panel              | 80-4220     | 84-6960  |
| Decal Service        | Skirt Panel              | 83-8900     | 84-7180  |
| Panel Starting Fluid | Control Panel            | 83-9150     | 84-6660  |
| Decal Parking Brake  | Left Fender              | 84-1650     | 84-6860  |
| Decal Warning        | Fan Top Shroud           | 77-3100     | 84-6760  |
| Decal Warning        | Skirt Panel              | 83-9550     | 84-7080  |
| Decal Warning        | Hydraulic Tank Support   | 67-5360     | 84-7280  |
| Decal Warning        | Cutting Unit Top Shields | 62-5070     | 84-6560  |
| Decal Warning        | Cutting Unit Lift Arms   | 55-4300     | 84-2940  |

## ITALIAN DECAL KIT NO. 85-5120

| DESCRIPTION          | LOCATION                 | PART NUMBER |         |
|----------------------|--------------------------|-------------|---------|
|                      |                          | ENGLISH     | ITALIAN |
| Decal Control        | Skirt Panel              | 80-4220     | 84-6950 |
| Decal Service        | Skirt Panel              | 83-8900     | 84-7170 |
| Panel Starting Fluid | Control Panel            | 83-9150     | 84-6650 |
| Decal Parking Brake  | Left Fender              | 84-1650     | 84-6850 |
| Decal Warning        | Fan Top Shroud           | 77-3100     | 84-6750 |
| Decal Warning        | Skirt Panel              | 83-9550     | 84-7070 |
| Decal Warning        | Hydraulic Tank Support   | 67-5360     | 84-7270 |
| Decal Warning        | Cutting Unit Top Shields | 62-5070     | 84-6550 |
| Decal Warning        | Cutting Unit Lift Arms   | 55-4300     | 84-2910 |

## SWEDISH DECAL KIT NO. 85-5060

| DESCRIPTION          | LOCATION                 | PART NUMBER |         |
|----------------------|--------------------------|-------------|---------|
|                      |                          | ENGLISH     | SWEDISH |
| Decal Control        | Skirt Panel              | 80-4220     | 84-6990 |
| Decal Service        | Skirt Panel              | 83-8900     | 84-7210 |
| Panel Starting Fluid | Control Panel            | 83-9150     | 84-6690 |
| Decal Parking Brake  | Left Fender              | 84-1650     | 84-6890 |
| Decal Warning        | Fan Top Shroud           | 77-3100     | 84-6790 |
| Decal Warning        | Skirt Panel              | 83-9550     | 84-7110 |
| Decal Warning        | Hydraulic Tank Support   | 67-5360     | 84-7310 |
| Decal Warning        | Cutting Unit Top Shields | 62-5070     | 84-6590 |
| Decal Warning        | Cutting Unit Lift Arms   | 55-4300     | 84-2870 |

## GERMAN DECAL KIT NO. 85-5050

| DESCRIPTION          | LOCATION                 | PART NUMBER |         |
|----------------------|--------------------------|-------------|---------|
|                      |                          | ENGLISH     | GERMAN  |
| Decal Control        | Skirt Panel              | 80-4220     | 84-6940 |
| Decal Service        | Skirt Panel              | 83-8900     | 84-7160 |
| Panel Starting Fluid | Control Panel            | 83-9150     | 84-6640 |
| Decal Parking Brake  | Left Fender              | 84-1650     | 84-6840 |
| Decal Warning        | Fan Top Shroud           | 77-3100     | 84-6740 |
| Decal Warning        | Skirt Panel              | 83-9550     | 84-7060 |
| Decal Warning        | Hydraulic Tank Support   | 67-5360     | 84-7260 |
| Decal Warning        | Cutting Unit Top Shields | 62-5070     | 84-6540 |
| Decal Warning        | Cutting Unit Lift Arms   | 55-4300     | 84-2900 |

# INTERNATIONAL DECAL CROSS REFERENCE (Cont.)

## SPANISH DECAL KIT NO. 85-5070

| DESCRIPTION          | LOCATION                 | PART NUMBER |         |
|----------------------|--------------------------|-------------|---------|
|                      |                          | ENGLISH     | SPANISH |
| Decal Control        | Skirt Panel              | 80-4220     | 84-6980 |
| Decal Service        | Skirt Panel              | 83-8900     | 84-7200 |
| Panel Starting Fluid | Control Panel            | 83-9150     | 84-6680 |
| Decal Parking Brake  | Left Fender              | 84-1650     | 84-6880 |
| Decal Warning        | Fan Top Shroud           | 77-3100     | 84-6780 |
| Decal Warning        | Skirt Panel              | 83-9550     | 84-7100 |
| Decal Warning        | Hydraulic Tank Support   | 67-5360     | 84-7300 |
| Decal Warning        | Cutting Unit Top Shields | 62-5070     | 84-6580 |
| Decal Warning        | Cutting Unit Lift Arms   | 55-4300     | 84-2900 |

## FRENCH DECAL KIT NO. 85-5040

| DESCRIPTION          | LOCATION                 | PART NUMBER |         |
|----------------------|--------------------------|-------------|---------|
|                      |                          | ENGLISH     | FRENCH  |
| Decal Control        | Skirt Panel              | 80-4220     | 84-6930 |
| Decal Service        | Skirt Panel              | 83-8900     | 84-7150 |
| Panel Starting Fluid | Control Panel            | 83-9150     | 84-6630 |
| Decal Parking Brake  | Left Fender              | 84-1650     | 84-6830 |
| Decal Warning        | Fan Top Shroud           | 77-3100     | 84-6730 |
| Decal Warning        | Skirt Panel              | 83-9550     | 84-7050 |
| Decal Warning        | Hydraulic Tank Support   | 67-5360     | 84-7250 |
| Decal Warning        | Cutting Unit Top Shields | 62-5070     | 84-6530 |
| Decal Warning        | Cutting Unit Lift Arms   | 55-4300     | 84-2800 |

## DANISH DECAL KIT NO. 85-5130

| DESCRIPTION          | LOCATION                 | PART NUMBER |         |
|----------------------|--------------------------|-------------|---------|
|                      |                          | ENGLISH     | DANISH  |
| Decal Control        | Skirt Panel              | 80-4220     | 84-6900 |
| Decal Service        | Skirt Panel              | 83-8900     | 84-7120 |
| Panel Starting Fluid | Control Panel            | 83-9150     | 84-6600 |
| Decal Parking Brake  | Left Fender              | 84-1650     | 84-6800 |
| Decal Warning        | Fan Top Shroud           | 77-3100     | 84-6700 |
| Decal Warning        | Skirt Panel              | 83-9550     | 84-7020 |
| Decal Warning        | Hydraulic Tank Support   | 67-5360     | 84-7220 |
| Decal Warning        | Cutting Unit Top Shields | 62-5070     | 84-6500 |
| Decal Warning        | Cutting Unit Lift Arms   | 55-4300     | 84-2930 |

## DUTCH DECAL KIT NO. 85-5080

| DESCRIPTION          | LOCATION                 | PART NUMBER |         |
|----------------------|--------------------------|-------------|---------|
|                      |                          | ENGLISH     | DUTCH   |
| Decal Control        | Skirt Panel              | 80-4220     | 84-6910 |
| Decal Service        | Skirt Panel              | 83-8900     | 84-7130 |
| Panel Starting Fluid | Control Panel            | 83-9150     | 84-6610 |
| Decal Parking Brake  | Left Fender              | 84-1650     | 84-8610 |
| Decal Warning        | Fan Top Shroud           | 77-3100     | 84-6710 |
| Decal Warning        | Skirt Panel              | 83-9550     | 84-7030 |
| Decal Warning        | Hydraulic Tank Support   | 67-5360     | 84-7230 |
| Decal Warning        | Cutting Unit Top Shields | 62-5070     | 84-6510 |
| Decal Warning        | Cutting Unit Lift Arms   | 55-4300     | 84-2920 |

# INTERNATIONAL DECAL CROSS REFERENCE (Cont.)

## FINNISH DECAL KIT NO. 85-5090

| DESCRIPTION          | LOCATION                 | PART NUMBER |         |
|----------------------|--------------------------|-------------|---------|
|                      |                          | ENGLISH     | FINISH  |
| Decal Control        | Skirt Panel              | 80-4220     | 84-6920 |
| Decal Service        | Skirt Panel              | 83-8900     | 84-7140 |
| Panel Starting Fluid | Control Panel            | 83-9150     | 84-6620 |
| Decal Parking Brake  | Left Fender              | 84-1650     | 84-6820 |
| Decal Warning        | Fan Top Shroud           | 77-3100     | 84-6720 |
| Decal Warning        | Skirt Panel              | 83-9550     | 84-7040 |
| Decal Warning        | Hydraulic Tank Support   | 67-5360     | 84-7240 |
| Decal Warning        | Cutting Unit Top Shields | 62-5070     | 84-6520 |
| Decal Warning        | Cutting Unit Lift Arms   | 55-4300     | 84-7010 |

## NORWEGIAN DECAL KIT NO. 85-5100

| DESCRIPTION          | LOCATION                 | PART NUMBER |           |
|----------------------|--------------------------|-------------|-----------|
|                      |                          | ENGLISH     | NORWEGIAN |
| Decal Control        | Skirt Panel              | 80-4220     | 84-6970   |
| Decal Service        | Skirt Panel              | 83-8900     | 84-7190   |
| Panel Starting Fluid | Control Panel            | 83-9150     | 84-6670   |
| Decal Parking Brake  | Left Fender              | 84-1650     | 84-6870   |
| Decal Warning        | Fan Top Shroud           | 77-3100     | 84-6770   |
| Decal Warning        | Skirt Panel              | 83-9550     | 84-7090   |
| Decal Warning        | Hydraulic Tank Support   | 67-5360     | 84-7270   |
| Decal Warning        | Cutting Unit Top Shields | 62-5070     | 84-6570   |
| Decal Warning        | Cutting Unit Lift Arms   | 55-4300     | 84-7000   |

# PART NUMBER INDEX

| Part No. | Description              | Pg. Ref.<br>No. No. Qty. | Part No. | Description                 | Pg. Ref.<br>No. No. Qty. |
|----------|--------------------------|--------------------------|----------|-----------------------------|--------------------------|
| 03440    | Full Roller Kit          | 42 * 1                   | 25-3210  | Seal - Lip                  | 11 10 2                  |
| 03445    | Sectional Roller Kit     | 42 * 1                   | 26-3790  | Nut - Lock                  | 31 21 1                  |
| 03446    | Skid Kit                 | 41 23 1                  | 26-3790  | Nut - Lock                  | 13 23 2                  |
| 03447    | Anti-Scalp Roller Kit    | 42 * 1                   | 27-1850  | Washer                      | 37 57 1                  |
| 03450    | Wiehle Roller Kit        | 42 * 1                   | 27-1850  | Washer                      | 40 61 1                  |
| 3-0348   | Bushing                  | 35 3 6                   | 27-9870  | Pin - Seat                  | 2 24 1                   |
| 3-0348   | Bushing                  | 39 9 2                   | 28-3420  | Cone - Charge Relief        | 11 33 1                  |
| 3-0348   | Bushing - Sleeve         | 28 7 4                   | 28-6180  | Pin                         | 2 23 1                   |
| 3-0348   | Bushing - Sleeve         | 29 17 2                  | 29-6120  | Plate - Pump                | 12 5 1                   |
| 3-6498   | Washer                   | 14 50 2                  | 29-6150  | Spring - Leaf               | 12 9 1                   |
| 3-6498   | Washer - Thrust          | 7 7 A/R                  | 29-6163  | Switch                      | 12 28 1                  |
| 3-6498   | Washer - Thrust          | 42 15 4                  | 29-6163  | Switch - Lift               | 26 4 1                   |
| 3-9274   | Spacer - Wheel           | 46 2 8                   | 29-6170  | Spring - Extended Leaf      | 12 7 1                   |
| 4-7439   | Wheel Assembly           | 46 31 4                  | 29-8870  | Washer                      | 36 12 1                  |
| 5-0743   | Spring - Extension       | 29 1 1                   | 29-8870  | Washer - Flat               | 39 16 1                  |
| 5-0743   | Spring - Extension       | 28 17 2                  | 29-9080  | Handle                      | 50 3 1                   |
| 5-2653   | Cable Pulley Assembly    | 26 8 1                   | 29-9090  | Hose - Handle               | 50 4 1                   |
| 5-2655   | Keeper - Cable           | 26 7 1                   | 33-1300  | Element Assembly            | 4 5 1                    |
| 5-2656   | Keeper - Cable           | 26 30 1                  | 33-1310  | Baffle                      | 4 8 1                    |
| 5-2891   | Shaft - Wheel            | 46 28 4                  | 33-1320  | Cup                         | 4 9 1                    |
| 5-7280   | Key - Square             | 22 1 3                   | 33-1330  | Nut Assembly                | 4 6 1                    |
| 5-7290   | Spring - Extension       | 13 6 1                   | 33-1340  | Clamp Assembly              | 4 7 1                    |
| 10-6821  | Brake Drum Assembly      | 13 18 2                  | 33-1350  | Band Assembly               | 4 3 2                    |
| 10-6830  | Stud - Drive             | 31 16 4                  | 33-1350  | Clamp Assembly              | 3 60 2                   |
| 10-6870  | Hub - Wheel              | 13 19 2                  | 36-4310  | Brush                       | 50 5 1                   |
| 10-6870  | Hub - Wheel              | 31 22 1                  | 36-7290  | Spindle - Fan               | 20 49 1                  |
| 10-7070  | Key - Square             | 22 13 1                  | 37-9090  | Belt - V                    | 20 2 1                   |
| 11-9760  | Screw - Hex. Flange Hd.  | 12 25 3                  | 37-9590  | Spring - Compression        | 2 22 1                   |
| 12-7059  | Reel Assy. - 5 Blade     | 40 * 1                   | 39-9500  | Washer - Flat               | 33 11 2                  |
| 12-7079  | Reel Assy. - 5 Blade     | 40 57 1                  | 40-3790  | Bottom Rail Assembly R.H.   | 33 40 1                  |
| 12-7089  | Reel Assembly - 8 Blade  | 37 * 1                   | 40-3820  | Bottom Rail Assembly L.H.   | 33 33 1                  |
| 12-7099  | Reel Assembly - 8 Blade  | 37 54 1                  | 42-9850  | Washer                      | 21 61 1                  |
| 12-9140  | Decal                    | 50 1 1                   | 43-1950  | Lift Valve Assembly         | 24 4 1                   |
| 13-1699  | Reel Assembly - 11 Blade | 37 * 1                   | 43-8600  | Spring - Compression        | 2 28 1                   |
| 13-1709  | Reel Assembly - 11 Blade | 37 * 1                   | 43-8610  | Guide - Spring              | 2 27 1                   |
| 13-3649  | Overhaul Kit             | 37 * 1                   | 43-8620  | Guide - Pin                 | 2 30 1                   |
| 13-3649  | Overhaul Kit             | 40 * 1                   | 43-8860  | Plunger - Switch            | 2 29 1                   |
| 21-0140  | Rod End Assembly         | 7 27 1                   | 43-8870  | Boot - Switch               | 2 32 1                   |
| 21-0140  | Rod End Assembly         | 31 30 1                  | 43-9071  | Seat Switch Assembly        | 3 * 1                    |
| 22-8330  | Plug                     | 25 1 2                   | 44-2212  | Light Assembly              | 5 45 1                   |
| 22-8340  | Spring                   | 25 3 2                   | 46-8810  | Stop - Spring               | 12 1 1                   |
| 22-8350  | Ball                     | 25 4 2                   | 48-1800  | Cylinder Block Kit          | 11 5 1                   |
| 22-8360  | Pin - Cam                | 25 6 2                   | 48-7700  | Screw - Cap Hex. Hd.        | 20 14 6                  |
| 22-8370  | Seat - Check Valve       | 25 5 2                   | 48-7780  | Screw - Cap Hex. Hd.        | 20 29 16                 |
| 22-8380  | Retainer - Spring        | 25 10 2                  | 48-8010  | Washer - Flat               | 20 41 4                  |
| 22-8410  | Spring                   | 25 11 1                  | 48-9460  | Screw - Cap Hex. Hd.        | 20 8 14                  |
| 22-8420  | Spool                    | 25 8 1                   | 48-9590  | Washer - Lock               | 20 28 16                 |
| 22-8480  | Snap Ring - Spool        | 25 13 1                  | 49-8480  | Shaft - Trunion             | 11 28 1                  |
| 22-8490  | Snap Ring                | 25 14 1                  | 49-8520  | Kit - Implement Relief      | 11 * 1                   |
| 22-8500  | Seal - O-Ring            | 25 9 2                   | 51-3150  | Shim - Spring               | 12 6 1                   |
| 23-2140  | Hose - Fuel              | 32 23 1                  | 52-2890  | Bushing - Flanged (Nylon)   | 36 9 2                   |
| 23-3030  | Spacer                   | 25 12 1                  | 52-2890  | Bushing - Flanged Nylon     | 39 13 2                  |
| 24-0760  | Cooler - Oil             | 8 20 1                   | 52-2980  | Pivot - Single Point Adjust | 36 13 1                  |
| 25-2380  | Plate - Thrust           | 11 39 1                  | 52-2980  | Pivot - Single Point Adjust | 39 17 1                  |
| 25-2390  | Plate - Valve            | 11 40 1                  | 52-2990  | Capscrew - Spring Retainer  | 36 16 1                  |
| 25-2400  | Gasket                   | 11 43 1                  | 52-2990  | Capscrew - Spring Retainer  | 39 19 1                  |
| 25-2430  | Pin - Straight           | 11 41 1                  | 52-3000  | Arm - Spring                | 36 17 1                  |
| 25-2450  | Swash/Plate              | 11 37 1                  | 52-3000  | Arm - Spring                | 39 18 1                  |
| 25-2460  | Plug                     | 11 14 2                  | 54-0110  | Element - Oil Filter        | 9 15 1                   |
| 25-2470  | Kit - Shim Pack          | 11 16 2                  | 55-4300  | Decal - Warning             | 28 9 2                   |
| 25-2480  | Spring - Charge Relief   | 11 32 1                  | 55-4300  | Decal - Warning             | 29 24 1                  |
| 25-2490  | Ball - Check Valve       | 11 47 2                  | 55-4330  | Arm Rest Assembly L.H.      | 33 1 1                   |
| 25-2510  | Washer                   | 11 11 2                  | 55-4331  | Arm Rest Assembly R.H.      | 33 6 1                   |
| 25-2530  | Pin - Straight           | 11 26 1                  | 55-8380  | Seat Wire Assembly          | 33 32 1                  |
| 25-2560  | Cone - Relief Valve      | 11 18 1                  | 56-2230  | Hose - Fuel                 | 32 11 1                  |
| 25-2570  | Spring - Relief Valve    | 11 17 1                  | 56-2520  | Valve - Fuel Shut-Off       | 32 9 1                   |
| 25-2580  | Shaft - Trunion          | 11 12 1                  | 56-3800  | Cushion - Seat Back         | 33 21 1                  |
| 25-2620  | Valve - By-Pass          | 11 4 1                   | 56-3810  | Platform - Seat             | 33 1 1                   |
| 25-2630  | Ring                     | 11 3 1                   | 56-3820  | Cover - Seat Sack           | 33 17 1                  |
| 25-2640  | Spring - Check Valve     | 11 48 2                  | 56-3850  | Screw - Hex. Hd. Machine    | 33 4 2                   |
| 25-2650  | Plug - Check Valve       | 11 50 2                  | 56-3870  | Knob - Adjustment           | 33 3 1                   |
| 25-2680  | Gerotor Assembly         | 11 25 1                  | 56-3880  | Washer - Flat               | 33 2 2                   |
| 25-2690  | Housing - Charge Pump    | 11 21 1                  | 56-3890  | Nut - Hex.                  | 33 7 1                   |
| 25-3180  | Kit - Check Valve        | 11 * 1                   | 56-3900  | Spacer - Arm L.H.           | 33 26 1                  |

\*Not Illustrated

# PART NUMBER INDEX (Continued)

3315-349

| Part No. | Description                | Pg. Ref.<br>No. No. Qty. | Part No. | Description                 | Pg. Ref.<br>No. No. Qty. |
|----------|----------------------------|--------------------------|----------|-----------------------------|--------------------------|
| 56-3910  | Spacer - Arm R.H.          | 33 1                     | 61-0860  | Right Carrier Frame Assy.   | 35 10 1                  |
| 56-3920  | Bushing - Sleeve           | 33 27 4                  | 61-0870  | Rear Carrier Frame Assy.    | 35 1 1                   |
| 56-3930  | Washer - Flat              | 33 28 4                  | 61-0880  | Left Carrier Frame Assy.    | 35 14 1                  |
| 56-3940  | Washer - Lock              | 33 29 4                  | 61-0890  | Bracket - Carrier           | 36 33 1                  |
| 56-3950  | Screw - Cap Hex. Hd.       | 33 30 4                  | 61-0900  | Bracket - Tensioner         | 39 3 1                   |
| 56-3960  | Cover - Screw              | 33 5 4                   | 61-0900  | Bracket - Tensioner/Carrier | 36 2 1                   |
| 56-3970  | Carrier - Seat             | 33 8 2                   | 61-0910  | Bracket - Angle             | 38 9 4                   |
| 56-3980  | Clip - Rail                | 33 9 4                   | 61-0910  | Bracket - Angle             | 41 10 2                  |
| 56-3990  | Screw - Machine            | 33 39 2                  | 61-0930  | Frame - Reel                | 36 7 1                   |
| 56-4020  | Screw - Machine            | 33 36 4                  | 61-0940  | Sideplate - Adjust          | 39 29 1                  |
| 56-4030  | Washer - Lock              | 33 37 4                  | 61-0940  | Sideplate - Adjust          | 36 40 1                  |
| 56-4040  | Plate - Back               | 33 12 1                  | 61-0970  | Housing - Bedbar Adj.       | 36 43 1                  |
| 56-4050  | Spring - Extension         | 33 14 1                  | 61-0970  | Housing - Bedbar Adj.       | 40 44 1                  |
| 56-4060  | Spring - Extension         | 33 24 1                  | 61-1010  | Bedbar Housing              | 36 48 1                  |
| 56-4080  | Clamp - Axle               | 33 10 2                  | 61-1010  | Bedbar Housing              | 40 50 1                  |
| 56-4100  | Bracket - Lever            | 33 22 1                  | 61-1050  | Front Support - L.H.        | 39 8 1                   |
| 56-4120  | Cover                      | 33 20 1                  | 61-1070  | Handle - Assembly           | 36 19 1                  |
| 56-4130  | Bumper                     | 33 19 2                  | 61-1070  | Handle - Assembly           | 39 25 1                  |
| 56-4150  | Lever - Handle             | 33 16 1                  | 61-1130  | Rear Grass Guard            | 36 24 1                  |
| 56-4160  | Washer - Flat              | 33 18 2                  | 61-1130  | Rear Grass Guard            | 39 28 1                  |
| 56-4170  | Pin - Clevis               | 33 23 1                  | 61-1190  | Support - Basket (Front)    | 46 5 2                   |
| 56-4190  | Cap - Seat                 | 33 25 2                  | 61-1210  | Bedbar                      | 36 46 1                  |
| 56-7976  | Clamp - Hose               | 31 6 2                   | 61-1210  | Bedbar                      | 40 49 1                  |
| 56-7976  | Clamp - Hydraulic Tube     | 16 5 2                   | 61-1250  | Bracket - Basket L.H.       | 47 25 1                  |
| 56-7977  | Clamp - Hydraulic Tube     | 16 17 2                  | 61-1260  | Bracket - Basket R.H.       | 47 4 1                   |
| 56-9510  | Bushing                    | 38 17 4                  | 61-1270  | Bracket - Basket L.H.       | 46 22 2                  |
| 56-9510  | Bushing Assembly           | 30 10 2                  | 61-1280  | Bracket - Basket R.H.       | 46 4 2                   |
| 56-9510  | Bushing Assembly           | 41 18 2                  | 61-1320  | Sideplate                   | 36 5 1                   |
| 56-9510  | Bushing Assembly           | 40 45 2                  | 61-1320  | Sideplate - Reel            | 40 62 1                  |
| 56-9510  | Bushing Assy.              | 36 38 2                  | 61-1330  | Front Grass Basket Assy.    | 46 3 2                   |
| 56-9520  | Bushing - Flanged          | 38 16 2                  | 61-1340  | Rear Grass Basket Assy.     | 47 14 1                  |
| 56-9520  | Bushing - Flanged          | 41 17 1                  | 61-1370  | Spacer                      | 35 5 6                   |
| 56-9520  | Bushing - Flanged          | 36 39 2                  | 61-1950  | Washer - Bedbar             | 36 47 1                  |
| 56-9520  | Bushing - Flanged          | 40 46 2                  | 61-1950  | Washer - Bedbar             | 40 53 1                  |
| 56-9520  | Bushing - Nyliner          | 30 16 1                  | 61-2010  | Pinion - Steering           | 7 15 1                   |
| 57-4910  | Screw - Special            | 36 44 10                 | 61-2040  | Rack - Steering             | 7 4 1                    |
| 57-4910  | Screw - Special            | 40 47 10                 | 61-2070  | Rod - Steering              | 7 5 1                    |
| 57-5190  | Screw - Adjustment         | 36 49 2                  | 61-2070  | Rod - Steering              | 31 28 1                  |
| 57-5190  | Screw - Adjustment         | 40 51 2                  | 61-2080  | Shaft - Steering            | 7 18 1                   |
| 57-5260  | Pin - S.P.A.               | 36 22 1                  | 61-2090  | Steering Column Assembly    | 7 21 1                   |
| 57-5260  | Pin - S.P.A.               | 39 27 1                  | 61-2350  | Support - Bearing           | 22 6 2                   |
| 57-5270  | Spring - Compression       | 36 11 1                  | 61-2370  | Spacer                      | 12 16 2                  |
| 57-5270  | Spring - Compression       | 39 15 1                  | 61-2430  | Hub - Lift                  | 26 45 1                  |
| 57-5420  | Screw - Shoulder           | 9 5 1                    | 61-2610  | Arm - Traction              | 12 14 1                  |
| 57-6390  | Nut                        | 21 60 1                  | 61-2790  | Screen - Filler             | 9 8 1                    |
| 59-2150  | Taper Lock Bushing Assy.   | 10 20 1                  | 61-2830  | Lift Arm Assembly R.H.      | 28 * 1                   |
| 61-0080  | Hydraulic Pump Assembly    | 11 8 1                   | 61-2880  | Lift Arm Assembly L.H.      | 28 8 1                   |
| 61-0140  | Pulley - Reel              | 22 4 3                   | 61-2890  | Lift Arm Assembly           | 29 29 1                  |
| 61-0380  | Cap - Full Roller          | 42 1 2                   | 61-2900  | Shaft - Pivot R.H.          | 28 * 1                   |
| 61-0380  | Cap - Roller               | 38 11 2                  | 61-2930  | Shaft - Pivot               | 29 7 1                   |
| 61-0380  | Cap - Roller               | 41 11 2                  | 61-2930  | Shaft - Pivot L.H.          | 28 29 1                  |
| 61-0400  | Shaft - Full/Wiehle Roller | 42 2 2                   | 61-2990  | Spacer - Switch             | 26 3 1                   |
| 61-0400  | Shaft - Roller             | 38 12 1                  | 61-3000  | Rod - Pivot                 | 28 13 2                  |
| 61-0400  | Shaft - Roller             | 41 12 1                  | 61-3000  | Rod - Pivot                 | 29 26 1                  |
| 61-0410  | Full Roller Assembly       | 38 * 1                   | 61-3160  | Hanger - Basket (Front)     | 46 7 2                   |
| 61-0410  | Full Roller Assembly       | 42 * 1                   | 61-3170  | Baffle - Grass              | 47 11 1                  |
| 61-0410  | Roller Assembly            | 41 * 1                   | 61-3170  | Baffle - Grass              | 46 24 2                  |
| 61-0420  | Support - HOC              | 38 5 4                   | 61-3210  | Cable Pulley Assembly       | 26 22 3                  |
| 61-0420  | Support - HOC              | 41 6 2                   | 61-3230  | Spacer                      | 26 24 3                  |
| 61-0430  | Bracket - Rear             | 38 15 2                  | 61-3240  | Keeper - Cable              | 26 21 1                  |
| 61-0430  | Bracket - Rear             | 41 16 2                  | 61-3270  | Spring - Compression        | 28 6 2                   |
| 61-0440  | Bracket - Front            | 38 23 2                  | 61-3280  | Cover - End                 | 46 14 4                  |
| 61-0500  | Spacer - Bearing           | 39 32 1                  | 61-3290  | Cover - Middle              | 46 12 4                  |
| 61-0500  | Spacer - Reel              | 36 32 1                  | 61-3360  | Joint - Universal           | 7 17 1                   |
| 61-0550  | Shield - Top               | 39 23 2                  | 61-3380  | V-Belt                      | 39 5 1                   |
| 61-0560  | Shield - Top               | 36 27 1                  | 61-3380  | V-Belt - Reel               | 36 4 1                   |
| 61-0590  | Scraper - Roller           | 43 1 3                   | 61-3600  | Tab - Lift                  | 35 13 3                  |
| 61-0610  | Guard - Side               | 39 37 1                  | 61-3660  | Front Support - R.H.        | 39 * 1                   |
| 61-0660  | Reel Frame                 | 40 58 1                  | 61-3790  | Plate - HOC Front           | 38 10 2                  |
| 61-0670  | Rear Support               | 39 * 1                   | 61-3800  | Plate - HOC Rear            | 38 3 2                   |
| 61-0710  | Bushing Assembly           | 35 7 6                   | 61-3810  | Plate - HOC                 | 41 4 2                   |
| 61-0750  | Defector - Grass           | 46 10 2                  | 61-3820  | Retainer - Cable            | 29 21 1                  |
| 61-0790  | Screw - Cap Hex Hd.        | 38 4 4                   | 61-3830  | Chain - Lift                | 26 33 2                  |
| 61-0790  | Screw - Cap Hex Hd.        | 41 5 2                   | 61-3990  | Parking Brake Assembly      | 13 5 1                   |

\*Not Illustrated

# PART NUMBER INDEX (Continued)

| Part No. | Description                 | Pg. Ref.<br>No. No. Qty. | Part No. | Description                 | Pg. Ref.<br>No. No. Qty. |
|----------|-----------------------------|--------------------------|----------|-----------------------------|--------------------------|
| 61-7250  | Boot                        | 28 5 4                   | 67-9470  | Comb                        | 44 3 1                   |
| 62-4290  | O-Ring                      | 11 44 2                  | 67-9760  | Washer                      | 36 36 2                  |
| 62-4970  | Sectional Roller Assembly   | 42 * 1                   | 67-9760  | Washer - Flat               | 39 33 2                  |
| 62-4990  | Shaft - Anti-Scalp Roller   | 42 11 1                  | 68-8990  | Head - Oil Filter           | 9 19 1                   |
| 62-5070  | Decal - Warning             | 37 59 1                  | 69-0760  | Bracket - Arm L.H.          | 34 * 1                   |
| 62-5070  | Decal - Warning             | 40 66 1                  | 69-0770  | Bracket - Arm R.H.          | 34 9 1                   |
| 62-5070  | Decal - Warning             | 46 11 2                  | 69-1170  | Glass - Sight               | 9 2 1                    |
| 62-5130  | Flap - Rubber               | 47 16 1                  | 69-1180  | Armrest                     | 34 11 2                  |
| 62-5180  | Bedknife - 7 In. Reel       | 36 45 1                  | 69-1260  | Spacer                      | 34 10 4                  |
| 62-5180  | Bedknife - 7 In. Reel       | 40 48 1                  | 69-4780  | Clamp - Light Cluster       | 5 43 1                   |
| 62-5510  | Rubber Bushing Assembly     | 36 8 2                   | 70-8150  | Plate - Valve               | 15 7 1                   |
| 62-5510  | Rubber Bushing Assembly     | 39 12 2                  | 70-8621  | Cap - Fuel Tank             | 32 12 1                  |
| 62-7120  | Spacer                      | 37 60 1                  | 70-8640  | Cap - Hydraulic Reservoir   | 9 7 1                    |
| 62-7120  | Spacer                      | 40 65 1                  | 70-9840  | Shoe - Brake                | 13 16 4                  |
| 62-7170  | Spacer                      | 2 43 1                   | 70-9850  | Clip - Retaining            | 13 35 2                  |
| 62-7230  | Hanger - Adjustable (Front) | 46 17 2                  | 70-9860  | Pin - Pivot Brake           | 13 25 2                  |
| 62-7240  | Cover - Spring              | 29 2 1                   | 70-9870  | Plate - Brake               | 13 27 2                  |
| 62-7250  | Boot                        | 29 18 2                  | 70-9880  | Spring - Extension          | 13 17 4                  |
| 62-7300  | Chain                       | 29 3 1                   | 71-0710  | Hydraulic Tube Assembly     | 17 3 1                   |
| 62-7400  | Decal - TORO                | 1 10 1                   | 71-0840  | Hydraulic Tube Assembly     | 17 6 1                   |
| 62-7410  | Whehle Roller Assembly      | 42 * 1                   | 71-1220  | Seal Repair Kit             | 18 * 1                   |
| 62-7480  | Bracket - Hanger            | 47 22 1                  | 71-1370  | Spring - Compression        | 26 35 1                  |
| 62-7660  | Washer - Shim               | 42 6 2                   | 71-1380  | Pin - Spring                | 26 34 1                  |
| 62-7660  | Washer - Shim (not used)    | 38 24 2                  | 71-1500  | Brake Assembly              | 14 * 2                   |
| 62-7670  | Shock Absorber - Seat       | 33 13 1                  | 71-2830  | 2 Position Valve Assembly   | 17 2 1                   |
| 62-9510  | Washer - Flat               | 20 50 1                  | 71-2960  | Valve - Flow Control        | 16 13 1                  |
| 63-1400  | Guide - Cable               | 26 28 1                  | 71-3382  | Hose - Overflow             | 8 11 1                   |
| 63-4220  | Spring - Compression        | 47 21 1                  | 71-3590  | Nut - Adjustment            | 42 8 8                   |
| 63-5060  | Roller - Anti-Scalp         | 42 17 2                  | 71-3590  | Nut - Adjustment            | 38 19 2                  |
| 63-5090  | Anti-Scalp Roller Assembly  | 42 * 1                   | 71-3590  | Nut - Adjustment            | 41 20 2                  |
| 63-7430  | Temperature Gauge Assy.     | 5 17 1                   | 71-3690  | Pin - HOC                   | 38 7 4                   |
| 63-7590  | Relay                       | 5 34 1                   | 71-3690  | Pin - HOC                   | 41 8 2                   |
| 63-7590  | Relay                       | 2 39 1                   | 72-4190  | Pin - Cylinder Guide        | 26 12 1                  |
| 63-7620  | Hose - Fuel                 | 32 5 1                   | 72-4320  | Switch - Seat               | 2 25 1                   |
| 63-7620  | Hose - Fuel                 | 20 18 1                  | 72-4770  | Belt - V                    | 45 2 3                   |
| 63-8140  | Pulley - Idler              | 20 3 1                   | 74-0720  | Tube - Manual               | 2 14 1                   |
| 63-8410  | Washer - Flat               | 9 10 3                   | 74-6110  | Cam - Stop                  | 12 35 1                  |
| 63-8410  | Washer - Flat               | 32 17 3                  | 74-9100  | Pad - Forward               | 12 11 1                  |
| 63-8740  | Strap - Basket              | 47 17 1                  | 74-9110  | Pad - Reverse               | 12 13 1                  |
| 65-4500  | Seal - Snap Ring            | 15 14 1                  | 75-0540  | Teather - Cap               | 9 4 1                    |
| 65-4550  | Valve - Check Ball          | 15 6 2                   | 75-4703  | Hose - Fuel                 | 32 15 1                  |
| 65-4560  | Plug - Hex (Hollow)         | 15 3 1                   | 75-4703  | Hose - Fuel                 | 20 25 1                  |
| 65-4570  | Seal - Square Ring          | 15 4 2                   | 75-4710  | Harness - Warning Light     | 5 5 1                    |
| 65-4580  | Screw - Cap Hex Hd.         | 15 1 8                   | 75-6820  | Hourmeter                   | 5 3 1                    |
| 65-4590  | Ring - Snap                 | 15 21 1                  | 75-7730  | Spacer                      | 31 2 1                   |
| 65-4600  | Washer - Thrust             | 15 19 2                  | 76-0020  | Hydraulic Cylinder Assembly | 26 37 1                  |
| 65-4610  | Bearing - Thrust            | 15 20 1                  | 76-0030  | Repair Kit                  | 27 * 1                   |
| 65-4620  | Seal - O-Ring               | 15 12 1                  | 76-0040  | Piston                      | 27 8 1                   |
| 65-4670  | Body & Bearing Assembly     | 15 9 1                   | 76-0050  | Ring - Retaining            | 27 12 1                  |
| 65-4680  | Cover & Bearing Assembly    | 15 2 1                   | 76-0090  | Head                        | 27 3 1                   |
| 65-8270  | Waher                       | 21 57 1                  | 76-0300  | Housing - Bushing           | 30 12 1                  |
| 66-2920  | Spacer                      | 12 36 1                  | 76-0350  | Housing - Bushing           | 30 2 1                   |
| 66-2960  | Cluster - Warning           | 5 7 1                    | 76-0360  | Cup - Retainer              | 30 6 1                   |
| 66-3240  | Cap - Radiator              | 8 9 1                    | 76-0370  | Bolt - Shoulder             | 29 12 2                  |
| 66-5291  | Hydraulic Motor Assembly    | 31 24 1                  | 76-0370  | Bolt - Shoulder             | 28 23 2                  |
| 66-5291  | Hydraulic Motor Assembly    | 13 30 2                  | 76-0390  | Spacer                      | 30 15 1                  |
| 66-5400  | Seat Assembly               | 34 * 1                   | 76-0410  | Spring - Compression        | 30 7 1                   |
| 66-6110  | IGR Assembly                | 15 5 1                   | 76-1420  | Wheel - Steering            | 7 23 1                   |
| 67-5360  | Decal - Danger              | 3 57 1                   | 76-2200  | Footrest - Traction         | 1 5 1                    |
| 67-5800  | Flap - Basket Rear          | 47 23 1                  | 76-2230  | Seat Assembly               | 33 * 1                   |
| 67-5840  | Nut - Jam                   | 37 56 1                  | 76-2240  | Cushion - Seat Bottom       | 33 31 1                  |
| 67-5840  | Nut - Jam                   | 40 60 1                  | 76-2260  | Pad - Footrest Traction     | 1 6 1                    |
| 67-5890  | Hanger - Basket Rear        | 47 9 1                   | 76-2290  | Spacer                      | 40 68 1                  |
| 67-5910  | Plate - Rear                | 47 8 1                   | 76-2320  | Shaft                       | 27 4 1                   |
| 67-5920  | Support - Basket Rear       | 47 10 1                  | 76-2330  | Nut - Lock                  | 27 5 1                   |
| 67-8020  | Shaft - Pump                | 11 6 1                   | 76-2350  | Seal/Retainer Assembly      | 15 * 1                   |
| 67-8030  | Plug Assembly               | 11 19 1                  | 76-2360  | Body Seal Kit               | 15 * 1                   |
| 67-8040  | O-Ring                      | 11 20 1                  | 76-2380  | Shaft - Sectional Roller    | 42 18 1                  |
| 67-8050  | Bearing - Needle            | 11 22 1                  | 76-2400  | Roller - Sectional          | 42 14 2                  |
| 67-8060  | Seal - Lip                  | 11 23 1                  | 76-2430  | Bracket - Debris Cleaner    | 37 64 1                  |
| 67-8080  | Bearing - Needle            | 11 42 1                  | 76-2430  | Bracket - Debris Cleaner    | 40 73 1                  |
| 67-8090  | Cap - Pump End              | 11 45 1                  | 76-2430  | Scraper - Pulley            | 28 2 2                   |
| 67-9430  | Plate - Comb                | 44 4 1                   | 76-2440  | Support - Debris Cleaner    | 37 65 1                  |
| 67-9450  | Support - Comb              | 44 2 1                   | 76-2440  | Support - Debris Cleaner    | 40 74 1                  |

\*Not Illustrated

# PART NUMBER INDEX (Continued)

3315-349

| Part No. | Description                  | Pg. Ref.<br>No. No. Qty. | Part No. | Description                 | Pg. Ref.<br>No. No. Qty. |
|----------|------------------------------|--------------------------|----------|-----------------------------|--------------------------|
| 76-2460  | Bearing Assembly             | 22 7 2                   | 83-8550  | Hose - Air Cleaner          | 2 49 1                   |
| 76-2490  | Flange - Bearing (Lube)      | 36 31 2                  | 83-8550  | Hose - Air Intake           | 20 13 1                  |
| 76-2490  | Flange - Bearing (Lube)      | 39 39 2                  | 83-8590  | Cable - Lift                | 26 19 1                  |
| 76-2500  | Flange - Bearing             | 36 29 2                  | 83-8620  | Bracket - Idler             | 22 18 1                  |
| 76-2500  | Flange - Bearing             | 39 41 2                  | 83-8630  | Yoke - Belt Tension         | 22 22 1                  |
| 76-2670  | Plate - Seat Mounting        | 2 8 1                    | 83-8720  | Tank - Fuel                 | 32 13 1                  |
| 76-6471  | Trim - Control Panel Bottom  | 2 41 1                   | 83-8760  | Rod - Control               | 12 20 1                  |
| 77-3100  | Decal - Warning              | 8 4 1                    | 83-8770  | Lever - Pump                | 12 23 1                  |
| 80-4090  | Hose - Hydraulic             | 17 5 2                   | 83-8850  | Grille - Front              | 1 29 1                   |
| 80-4090  | Hose - Hydraulic             | 31 14 2                  | 83-8860  | Shield - Grass Front R.H.   | 1 30 1                   |
| 80-4130  | Bushing                      | 3 59 4                   | 83-8880  | Panel - Skirt               | 2 12 1                   |
| 80-4220  | Decal - Control              | 2 20 1                   | 83-8890  | Decal - Reelmaster 216-D    | 2 19 2                   |
| 80-4250  | Adjuster - R.H.              | 34 7 1                   | 83-8900  | Decal - Service Information | 2 50 1                   |
| 80-4260  | Adjuster - L.H.              | 34 3 1                   | 83-8920  | Harness - Wire              | 6 1 1                    |
| 80-4270  | Pulley - Reel                | 36 3 1                   | 83-9000  | Battery                     | 32 6 1                   |
| 80-4280  | Pulley - Reel, 5 Blade       | 39 4 1                   | 83-9020  | Belt - V                    | 20 38 1                  |
| 80-4290  | Pulley - Reel                | 45 1 3                   | 83-9030  | Foam - Top                  | 8 36 1                   |
| 80-4690  | Support - Scraper            | 44 7 2                   | 83-9050  | Hose - Radiator             | 8 34 1                   |
| 80-6980  | Latch - Hood                 | 5 12 1                   | 83-9060  | Hose - Radiator             | 8 28 1                   |
| 80-6990  | Washer                       | 26 18 4                  | 83-9070  | Hose - Coolant              | 20 11 1                  |
| 80-7345  | Hose                         | 5 29                     | 83-9070  | Hose - Radiator             | 8 31 1                   |
| 81-1690  | Clamp - Throttle Cable       | 20 21 1                  | 83-9080  | Connector - Bleed           | 8 30 1                   |
| 82-2400  | Wiehle Roller Weld Assy.     | 42 10 1                  | 83-9130  | Keeper - Cable              | 26 27 1                  |
| 82-3110  | Sensor - Temp                | 20 16 1                  | 83-9140  | Clutch Assembly             | 22 39 1                  |
| 83-7270  | Fork - Caster                | 31 10 1                  | 83-9150  | Decal - Starting Fluid      | 2 10 1                   |
| 83-7540  | Engine Assembly              | 20 54 1                  | 83-9170  | Right Channel Assembly      | 2 44 1                   |
| 83-7550  | Radiator Assembly            | 8 35 1                   | 83-9210  | Cable - Battery Neg.        | 32 8 1                   |
| 83-7570  | Frame Assembly               | 7 12 1                   | 83-9210  | Cable - Ground              | 20 31 1                  |
| 83-7590  | Pulley - Engine              | 20 55 1                  | 83-9220  | Cable - Battery Pos.        | 32 7 1                   |
| 83-7610  | Hub - Fan                    | 20 44 1                  | 83-9240  | Hold-Down - Battery         | 32 21 1                  |
| 83-7620  | Spacer - Fan                 | 20 42 1                  | 83-9250  | Lever - Brake               | 13 36 2                  |
| 83-7630  | Pulley - Fan                 | 20 43 1                  | 83-9270  | Pivot - Brake L.H.          | 13 40 1                  |
| 83-7690  | Bracket - Idler              | 20 5 1                   | 83-9310  | Pivot - Brake R.H.          | 13 * 1                   |
| 83-7700  | Bracket - Alternator         | 20 34 1                  | 83-9330  | Shaft - Brake               | 13 41 1                  |
| 83-7720  | Reservoir - Hydraulic        | 9 1 1                    | 83-9340  | Shield - Grass              | 13 13 2                  |
| 83-7780  | Bracket - Support            | 9 24 1                   | 83-9350  | Rod - Parking Brake         | 13 1 1                   |
| 83-7790  | Collar                       | 22 11 2                  | 83-9390  | Weight                      | 48 1 1                   |
| 83-7800  | Sleeve                       | 22 40 1                  | 83-9440  | Hydraulic Tube Assembly     | 16 2 1                   |
| 83-7810  | Spacer                       | 22 35 2                  | 83-9450  | Tube - Hydraulic            | 16 19 1                  |
| 83-7820  | Shaft - Drive                | 22 2 1                   | 83-9460  | Tube - Hydraulic            | 16 4 1                   |
| 83-7830  | Retainer - Clutch            | 22 15 1                  | 83-9460  | Tube - Hydraulic            | 17 12 1                  |
| 83-7840  | Shroud - Fan Top             | 8 5 1                    | 83-9470  | Hydraulic Tube Assembly     | 16 1 1                   |
| 83-7850  | Shroud - Fan Bottom          | 8 32 1                   | 83-9480  | Tube - Hydraulic            | 16 18 1                  |
| 83-7900  | Belt Tensioner Assembly      | 29 11 2                  | 83-9490  | Tube - Hydraulic            | 16 15 1                  |
| 83-7900  | Belt Tensioner Assembly      | 28 24 2                  | 83-9500  | Tube - Hydraulic            | 16 9 1                   |
| 83-7910  | Rod                          | 30 8 1                   | 83-9500  | Tube - Hydraulic            | 17 10 1                  |
| 83-7930  | Yoke                         | 30 3 1                   | 83-9550  | Decal - Warning             | 2 11 1                   |
| 83-7950  | Hood                         | 1 11 1                   | 83-9600  | Hose - Hydraulic            | 10 7 2                   |
| 83-7970  | Fitting - Hydraulic Bulkhead | 8 39 2                   | 83-9600  | Hose - Hydraulic            | 16 21 2                  |
| 83-7980  | Bracket - Radiator Rear      | 8 12 1                   | 83-9620  | Hose - Hydraulic            | 24 12 1                  |
| 83-7990  | Bracket - Radiator Front     | 8 33 1                   | 83-9620  | Hose - Hydraulic            | 26 42 1                  |
| 83-8040  | Cover - Left                 | 8 8 1                    | 83-9640  | Hose - Hydraulic            | 24 14 1                  |
| 83-8070  | Bracket - Radiator Bottom    | 8 18 1                   | 83-9640  | Hose - Hydraulic            | 10 25 1                  |
| 83-8080  | Key - Square                 | 22 38 1                  | 83-9650  | Hose - Hydraulic            | 10 1 1                   |
| 83-8110  | Panel - Left                 | 2 45 1                   | 83-9650  | Hose - Hydraulic            | 9 21 1                   |
| 83-8120  | Panel - Right Rear           | 2 4 1                    | 83-9651  | Hose - Hydraulic            | 9 14 1                   |
| 83-8150  | Screen - Radiator            | 8 17 1                   | 83-9660  | Clevis                      | 10 23 1                  |
| 83-8180  | Decal - Instrument Panel     | 5 2 1                    | 83-9680  | Screw - Cap Hex. Hd.        | 22 27 1                  |
| 83-8190  | Panel - Control              | 2 5 1                    | 83-9690  | Spring - Compression        | 22 26 1                  |
| 83-8190  | Panel - Instrument           | 5 1 1                    | 83-9700  | Fender - L.H.               | 1 15 1                   |
| 83-8210  | Panel - Front Left           | 8 22 1                   | 83-9710  | Footrest - L.H.             | 1 17 1                   |
| 83-8220  | Bracket - Muffler            | 20 51 1                  | 83-9720  | Fender - R.H.               | 1 1 1                    |
| 83-8230  | Panel - Right Front          | 2 2 1                    | 83-9730  | Step - Foot                 | 2 36 1                   |
| 83-8270  | Pedal - Traction             | 12 12 1                  | 83-9740  | Footrest - R.H.             | 1 4 1                    |
| 83-8280  | Throttle Assembly            | 5 30 1                   | 83-9760  | Bracket - Cylinder Support  | 26 1 1                   |
| 83-8320  | Mount - Pump                 | 10 12 1                  | 83-9800  | Shield - Grass Front L.H.   | 1 20 1                   |
| 83-8400  | Pulley - Idler               | 22 20 1                  | 83-9810  | Bushing - Flange            | 22 24 1                  |
| 83-8410  | Pulley - Engine              | 20 48 1                  | 83-9840  | Pad - Footrest L.H.         | 1 18 1                   |
| 83-8420  | Pulley - Clutch              | 22 36 1                  | 83-9880  | Bracket - Fan Spindle       | 20 47 1                  |
| 83-8470  | Bracket - Engine Mount       | 21 56 2                  | 83-9910  | Gasket - Muffler            | 21 58 1                  |
| 83-8490  | Belt - Drive                 | 22 37 1                  | 83-9920  | Bracket - Reservoir         | 9 13 1                   |
| 83-8500  | Muffler                      | 20 52 1                  | 83-9970  | Latch - Hood                | 1 12 1                   |
| 83-8510  | Bracket - Fender L.H.        | 1 22 1                   | 84-1650  | Decal - Brake               | 1 19 1                   |
| 83-8540  | Belt - Pump Drive            | 10 21 1                  | 84-1990  | Rod - Adjusting             | 13 32 2                  |

\*Not Illustrated

# PART NUMBER INDEX (Continued)

| Part No. | Description             | Pg. Ref.<br>No. No. Qty. | Part No. | Description            | Pg. Ref.<br>No. No. Qty. |
|----------|-------------------------|--------------------------|----------|------------------------|--------------------------|
| 84-2000  | Bracket - Brake         | 13 29 2                  | 237-54   | Seal - O-Ring          | 18 7 2                   |
| 84-5560  | Gear - Reel Shaft       | 49 5 3                   | 237-65   | Seal - O-Ring          | 16 3 3                   |
| 84-5570  | Plate - Attachment      | 49 * 2                   | 237-65   | Seal - O-Ring          | 13 44 2                  |
| 84-5580  | Plate - Attachment      | 49 3 1                   | 237-71   | Seal - O-Ring          | 2 42 1                   |
| 84-5590  | Gear - Driver           | 49 1 1                   | 237-78   | Sael - O-Ring          | 31 38 1                  |
| 84-7770  | Field & Rotor Assembly  | 23 1 1                   | 237-78   | Seal - O-Ring          | 24 10 2                  |
| 84-7780  | Armature Assembly       | 23 2 1                   | 237-78   | Seal - O-Ring          | 16 24 2                  |
| 84-8440  | Bushing - Flange        | 26 11 2                  | 237-78   | Seal - O-Ring          | 14 46 2                  |
| 85-4870  | Support - Hinge         | 1 26 1                   | 237-79   | Seal - O-Ring          | 10 4 4                   |
| 85-4890  | Hinge - Hood            | 1 31 1                   | 237-79   | Seal - O-Ring          | 17 9 3                   |
| 85-4910  | Air Cleaner (Complete)  | 4 * 1                    | 237-79   | Seal - O-Ring          | 9 18 1                   |
| 85-4910  | Air Cleaner Assembly    | 2 47 1                   | 237-80   | Seal - O-Ring          | 13 9 4                   |
| 85-4920  | Hydraulic Pump Assembly | 10 30 1                  | 237-80   | Seal - O-Ring          | 31 11 2                  |
| 85-4960  | Pulley                  | 10 16 1                  | 237-81   | Seal - O-Ring          | 9 3 4                    |
| 85-4980  | Switch Assembly         | 5 24 1                   | 237-86   | O-Ring                 | 11 15 2                  |
| 85-4990  | Hose - Hydraulic        | 24 20 1                  | 237-95   | O-Ring                 | 11 27 1                  |
| 85-4990  | Hose - Hydraulic        | 16 26 1                  | 240-11   | Grommet                | 9 9 3                    |
| 85-5000  | Plate - Throttle        | 5 36 1                   | 240-11   | Grommet                | 32 16 3                  |
| 85-5010  | Bracket - Right Front   | 3 54 1                   | 240-13   | Bumper                 | 22 16 2                  |
| 85-5140  | Foam - Hood             | 3 56 2                   | 242-50   | Nut - Lug              | 31 19 4                  |
| 85-5160  | Lever - Lift Valve      | 24 2 1                   | 242-50   | Nut - Lug              | 13 22 8                  |
| 85-5170  | Sleeve                  | 8 41 1                   | 242-76   | Rim                    | 31 18 1                  |
| 85-5180  | Trim                    | 2 51 2                   | 2410-18  | Plug                   | 50 2 1                   |
| 85-5190  | Hose - Hydraulic        | 24 22 1                  | 2410-73  | Retainer - Teather     | 9 6 1                    |
| 85-5190  | Hose - Hydraulic        | 31 36 1                  | 2411-52  | End - Rod              | 12 17 1                  |
| 85-5200  | Clamp                   | 31 34 1                  | 2411-53  | End - Rod              | 12 22 1                  |
| 85-5300  | Hose - Hydraulic        | 16 25 1                  | 2412-34  | Clamp - Hose           | 10 2 1                   |
| 85-5310  | Hose - Hydraulic        | 26 41 1                  | 2412-34  | Clamp - Hose           | 20 10 1                  |
| 85-5810  | Hose - Hydraulic        | 24 13 1                  | 2412-34  | Clamp - Hose           | 8 29 5                   |
| 85-6540  | Stud - Drive            | 13 26 8                  | 2412-36  | Clamp - Hose           | 32 10 2                  |
| 92-1157  | Shaft                   | 15 10 1                  | 2412-36  | Clamp - Hose           | 9 26 1                   |
| 92-1177  | Hose - Hydraulic        | 24 8 1                   | 2412-39  | Clamp - R              | 16 7 1                   |
| 92-1177  | Hose - Hydraulic        | 8 27 1                   | 2412-39  | Clamp - R              | 2 17 3                   |
| 92-1178  | Hose - Hydraulic        | 10 10 1                  | 2412-39  | Clamp - R              | 20 35 2                  |
| 92-1178  | Hose - Hydraulic        | 9 27 1                   | 2412-41  | Clamp - R              | 8 15 1                   |
| 92-1583  | Hose - Hydraulic        | 10 28 1                  | 2412-67  | Clamp - R              | 33 41 1                  |
| 92-1583  | Hose - Hydraulic        | 8 24 1                   | 2412-74  | Clamp - R              | 8 3 1                    |
| 217-60   | Rim                     | 13 21 2                  | 2412-92  | Clamp - Hose           | 20 12 1                  |
| 218-461  | Nut - Hex.              | 2 33 2                   | 2412-92  | Clamp - Hose           | 2 48 1                   |
| 218-469  | Fuse - 15 Amp.          | 5 10 2                   | 2412-93  | Clamp - R              | 20 15 1                  |
| 218-489  | Fuse Holder Assembly    | 5 9 2                    | 2412-108 | Clamp - Hose           | 32 4 4                   |
| 218-500  | Nut - Hex.              | 5 22 2                   | 2412-108 | Clamp - Hose           | 8 10 1                   |
| 218-562  | Lens - Light            | 5 47 1                   | 2412-108 | Clamp - Hose           | 20 17 2                  |
| 218-596  | Tab                     | 12 37 2                  | 2412-133 | Clamp - R              | 2 16 2                   |
| 219-17   | Bulb - Light            | 5 6 4                    | 251-8    | Bearing - Ball         | 11 35 1                  |
| 219-18   | Bulb - Light            | 5 46 1                   | 251-77   | Collar - Locking       | 22 9 2                   |
| 231-127  | Tire                    | 31 17 1                  | 251-259  | Bearing - Ball         | 12 31 1                  |
| 231-127  | Tire                    | 13 20 2                  | 251-270  | Bearing - Ball         | 49 2 1                   |
| 232-14   | Screw - Cap Hex. Hd.    | 48 * 3                   | 251-331  | Bearing                | 36 30 2                  |
| 232-27   | Valve - Stem            | 13 24 2                  | 251-331  | Bearing                | 39 40 2                  |
| 232-47   | Valve - Stem            | 31 20 1                  | 251-337  | Bearing - Ball         | 22 8 2                   |
| 233-37   | Knob                    | 24 1 1                   | 252-82   | Bearing - Needle       | 11 9 2                   |
| 233-46   | Knob                    | 18 9 1                   | 252-112  | Cone - Bearing (Inner) | 42 12 2                  |
| 237-7    | Seal - O-Ring           | 2 31 1                   | 253-84   | Seal                   | 36 20 1                  |
| 237-21   | Seal - O-Ring           | 24 18 2                  | 253-84   | Seal                   | 39 22 1                  |
| 237-21   | Seal - O-Ring           | 14 47 3                  | 253-152  | Seal - Inner           | 42 3 2                   |
| 237-22   | O-Ring                  | 11 2 1                   | 253-152  | Seal - Inner           | 41 13 2                  |
| 237-22   | Seal - O-Ring           | 18 2 1                   | 253-152  | Seal - Inner           | 38 22 2                  |
| 237-22   | Seal - O-Ring           | 17 4 2                   | 253-153  | Seal - Outer           | 42 7 6                   |
| 237-22   | Seal - O-Ring           | 24 7 5                   | 253-153  | Seal - Outer           | 38 20 2                  |
| 237-22   | Seal - O-Ring           | 31 13 3                  | 253-153  | Seal - Outer           | 41 21 2                  |
| 237-22   | Seal - O-Ring           | 26 40 2                  | 254-78   | Cone - Bearing         | 38 21 2                  |
| 237-30   | Seal - O-Ring           | 10 6 5                   | 254-78   | Cone - Bearing         | 41 22 2                  |
| 237-30   | Seal - O-Ring           | 13 7 2                   | 254-78   | Cone - Bearing (Outer) | 42 5 6                   |
| 237-30   | Seal - O-Ring           | 17 7 4                   | 254-79   | Cup - Bearing          | 38 13 2                  |
| 237-30   | Seal - O-Ring           | 16 10 7                  | 254-79   | Cup - Bearing          | 41 14 2                  |
| 237-30   | Seal - O-Ring           | 2 26 1                   | 254-79   | Cup - Bearing (Outer)  | 42 4 8                   |
| 237-30   | Seal - O-Ring           | 8 38 2                   | 256-1    | Bushing - Sleeve       | 26 23 3                  |
| 237-37   | Bumper - Rubber         | 2 6 2                    | 256-2    | Bushing - Sleeve       | 26 44 1                  |
| 237-42   | Seal - O-Ring           | 25 2 2                   | 256-27   | Bushing - Sleeve       | 7 19 2                   |
| 237-42   | Seal - O-Ring           | 24 5 1                   | 256-90   | Bushing - Flange       | 46 30 8                  |
| 237-42   | Seal - O-Ring           | 16 12 2                  | 256-115  | Washer - Thrust        | 28 12 2                  |
| 237-42   | Seal - O-Ring           | 10 27 2                  | 256-115  | Washer - Thrust        | 29 25 1                  |
| 237-42   | Seal - O-Ring           | 26 38 2                  | 256-117  | Bushing - Flange       | 7 8 4                    |

\*Not Illustrated

# PART NUMBER INDEX (Continued)

3315-349

| Part No. | Description              | Pg. Ref.<br>No. No. Qty. | Part No. | Description          | Pg. Ref.<br>No. No. Qty. |
|----------|--------------------------|--------------------------|----------|----------------------|--------------------------|
| 256-117  | Bushing - Flanged        | 42 16 4                  | 322-17   | Screw - Cap Hex. Hd. | 12 8 1                   |
| 256-173  | Bushing - Sleeve         | 30 11 1                  | 322-17   | Screw - Cap Hex. Hd. | 22 31 9                  |
| 256-245  | Bushing - Flange         | 7 9 2                    | 323-5    | Screw - Cap Hex. Hd. | 9 11 3                   |
| 256-247  | Bushing - Flange         | 7 13 2                   | 323-5    | Screw - Cap Hex. Hd. | 32 18 3                  |
| 256-285  | Bushing - Flange         | 35 6 12                  | 323-6    | Screw - Cap Hex. Hd. | 38 1 8                   |
| 256-287  | Bushing - Flange         | 7 14 2                   | 323-6    | Screw - Cap Hex. Hd. | 41 2 5                   |
| 256-320  | Bushing                  | 1 32 2                   | 323-6    | Screw - Cap Hex. Hd. | 39 6 8                   |
| 257-5    | Washer - Thrust          | 36 21 4                  | 323-6    | Screw - Cap Hex. Hd. | 36 23 6                  |
| 257-5    | Washer - Thrust          | 39 21 4                  | 323-7    | Screw - Cap Hex. Hd. | 41 1 3                   |
| 257-6    | Bearing - Thrust         | 36 18 2                  | 323-7    | Screw - Cap Hex. Hd. | 43 2 6                   |
| 257-6    | Bearing - Thrust         | 39 26 2                  | 323-7    | Screw - Cap Hex. Hd. | 47 2 4                   |
| 2710-16  | Connecting Link Assembly | 24 3 1                   | 323-7    | Screw - Cap Hex. Hd. | 49 4 6                   |
| 281-1    | Plug - Pipe              | 8 37 2                   | 323-7    | Screw - Cap Hex. Hd. | 44 5 2                   |
| 281-7    | Plug - Pipe              | 8 1 1                    | 323-7    | Screw - Cap Hex. Hd. | 29 8 1                   |
| 282-2    | Clevis                   | 13 34 2                  | 323-7    | Screw - Cap Hex. Hd. | 46 20 8                  |
| 282-4    | Clevis                   | 29 5 1                   | 323-7    | Screw - Cap Hex. Hd. | 28 28 2                  |
| 282-4    | Clevis                   | 28 21 2                  | 323-7    | Screw - Cap Hex. Hd. | 37 55 5                  |
| 282-4    | Clevis                   | 26 31 4                  | 323-7    | Screw - Cap Hex. Hd. | 40 59 2                  |
| 283-1    | Pin - Clevis             | 29 20 1                  | 323-9    | Screw - Cap Hex. Hd. | 39 1 1                   |
| 283-1    | Pin - Clevis             | 13 37 2                  | 323-9    | Screw - Cap Hex. Hd. | 34 13 2                  |
| 283-2    | Pin - Clevis             | 10 24 1                  | 323-10   | Screw - Cap Hex. Hd. | 48 5 2                   |
| 283-6    | Pin - Clevis             | 29 6 1                   | 323-10   | Screw - Cap Hex. Hd. | 48 2 3                   |
| 283-6    | Pin - Clevis             | 26 14 4                  | 323-11   | Screw - Cap Hex. Hd. | 11 46 4                  |
| 283-6    | Pin - Clevis             | 28 20 2                  | 323-12   | Screw - Cap Hex. Hd. | 39 10 1                  |
| 283-8    | Pin - Clevis             | 28 26 2                  | 323-13   | Screw - Cap Hex. Hd. | 26 46 1                  |
| 283-8    | Pin - Clevis             | 29 32 1                  | 323-15   | Screw - Cap Hex. Hd. | 22 19 1                  |
| 283-40   | Pin - Clevis             | 28 3 2                   | 323-17   | Screw - Cap Hex. Hd. | 26 20 2                  |
| 283-40   | Pin - Clevis             | 29 14 2                  | 325-6    | Screw - Cap Hex. Hd. | 31 1 1                   |
| 283-42   | Pin - Clevis             | 26 9 1                   | 325-7    | Screw - Cap Hex. Hd. | 10 13 2                  |
| 283-49   | Pin - Clevis             | 2 7 2                    | 325-10   | Screw - Cap Hex. Hd. | 35 8 2                   |
| 283-55   | Pin - Clevis             | 30 5 1                   | 325-11   | Screw - Cap Hex. Hd. | 31 25 4                  |
| 283-62   | Pin - Clevis             | 20 19 1                  | 325-11   | Screw - Cap Hex. Hd. | 13 28 8                  |
| 283-78   | Pin - Clevis             | 26 36 1                  | 325-18   | Screw - Cap Hex. Hd. | 10 15 1                  |
| 285-17   | Plug - Pipe              | 11 1 6                   | 3210-7   | Screw - Cap Hex. Hd. | 12 30 1                  |
| 302-5    | Fitting - Grease         | 35 2 3                   | 3211-4   | Screw - Cap Hex. Hd. | 36 34 2                  |
| 302-5    | Fitting - Grease         | 31 3 1                   | 3211-4   | Screw - Cap Hex. Hd. | 39 35 2                  |
| 302-5    | Fitting - Grease         | 39 7 2                   | 3212-34  | Clamp - Hose         | 9 16 3                   |
| 302-5    | Fitting - Grease         | 42 9 8                   | 3217-6   | Nut                  | 36 42 1                  |
| 302-5    | Fitting - Grease         | 30 14 1                  | 3217-6   | Nut                  | 39 43 1                  |
| 302-5    | Fitting - Grease         | 36 15 1                  | 3217-6   | Nut - Hex.           | 1 23 4                   |
| 302-5    | Fitting - Grease         | 38 18 2                  | 3217-16  | Nut - Lock           | 12 3 2                   |
| 302-5    | Fitting - Grease         | 41 19 2                  | 3218-2   | Nut - Hex.           | 1 9 2                    |
| 302-5    | Fitting - Grease         | 7 24 3                   | 3218-3   | Nut - Jam            | 7 3 2                    |
| 302-5    | Fitting - Grease         | 22 33 2                  | 3218-3   | Nut - Jam            | 43 4 6                   |
| 302-11   | Fitting - Grease         | 36 * 2                   | 3218-3   | Nut - Jam            | 45 4 3                   |
| 302-11   | Fitting - Grease         | 39 * 2                   | 3218-3   | Nut - Jam            | 37 68 1                  |
| 302-18   | Fitting - Grease         | 37 58 1                  | 3218-3   | Nut - Jam            | 40 77 1                  |
| 302-18   | Fitting - Grease         | 40 64 1                  | 3218-6   | Nut - Jam            | 30 9 1                   |
| 302-60   | Fitting - Grease         | 28 16 2                  | 3218-17  | Nut - Jam            | 22 12 1                  |
| 302-60   | Fitting - Grease         | 29 30 1                  | 3218-18  | Nut - Jam            | 36 50 2                  |
| 321-2    | Screw - Cap Hex. Hd.     | 35 11 6                  | 3218-18  | Nut - Jam            | 40 52 2                  |
| 321-5    | Screw - Cap Hex. Hd.     | 13 15 8                  | 3219-14  | Nut - Hex.           | 5 14 6                   |
| 321-6    | Screw - Hex. Flange Hd.  | 12 10 2                  | 3220-2   | Nut - Jam            | 12 19 2                  |
| 321-8    | Screw - Cap Hex. Hd.     | 46 26 8                  | 3220-2   | Nut - Jam            | 13 33 2                  |
| 321-8    | Screw - Cap Hex. Hd.     | 31 32 1                  | 3220-5   | Nut - Jam            | 7 6 1                    |
| 321-8    | Screw - Cap Hex. Hd.     | 3 52 2                   | 3220-12  | Nut - Jam            | 31 29 1                  |
| 321-12   | Screw - Cap Hex. Hd.     | 32 2 1                   | 3220-20  | Nut - Jam            | 12 21 1                  |
| 321-13   | Screw - Cap Hex. Hd.     | 10 18 3                  | 3229-1   | Bolt - Carriage      | 28 1 2                   |
| 321-14   | Screw - Cap Hex. Hd.     | 20 40 4                  | 3229-1   | Screw - Carriage     | 1 7 2                    |
| 321-23   | Screw - Cap Hex. Hd.     | 24 16 2                  | 3229-11  | Bolt - Carriage      | 37 63 1                  |
| 322-2    | Capscrew - Hex. Hd.      | 34 5 4                   | 3229-11  | Bolt - Carriage      | 40 70 1                  |
| 322-3    | Screw - Cap Hex. Hd.     | 33 38 4                  | 3230-1   | Bolt - Carriage      | 34 15 4                  |
| 322-3    | Screw - Cap Hex. Hd.     | 37 53 1                  | 3230-1   | Screw - Carriage     | 32 19 2                  |
| 322-3    | Screw - Cap Hex. Hd.     | 40 56 1                  | 3230-1   | Screw - Carriage     | 20 33 1                  |
| 322-4    | Screw - Cap Hex. Hd.     | 28 10 4                  | 3230-2   | Bolt - Carriage      | 47 6 1                   |
| 322-4    | Screw - Cap Hex. Hd.     | 29 23 2                  | 3230-2   | Bolt - Carriage      | 46 9 4                   |
| 322-4    | Screw - Cap Hex. Hd.     | 11 24 4                  | 3230-5   | Bolt - Carriage      | 46 8 2                   |
| 322-7    | Screw - Cap Hex. Hd.     | 47 7 1                   | 3230-5   | Screw - Carriage     | 48 3 2                   |
| 322-7    | Screw - Cap Hex. Hd.     | 20 37 2                  | 3230-8   | Bolt - Carriage      | 47 5 1                   |
| 322-9    | Screw - Cap Hex. Hd.     | 16 8 2                   | 3230-9   | Screw - Carriage     | 48 * 2                   |
| 322-9    | Screw - Cap Hex. Hd.     | 31 9 1                   | 3230-20  | Bolt - Carriage      | 36 37 10                 |
| 322-9    | Screw - Cap Hex. Hd.     | 12 18 2                  | 3230-20  | Bolt - Carriage      | 39 38 10                 |
| 322-12   | Screw - Cap Hex. Hd.     | 7 26 1                   | 3230-22  | Screw - Carriage     | 20 6 1                   |
| 322-17   | Screw - Cap Hex. Hd.     | 13 2 1                   | 3230-23  | Screw - Carriage     | 9 23 6                   |

\*Not Illustrated

# PART NUMBER INDEX (Continued)

| Part No. | Description              | Pg. Ref.<br>No. No. Qty. | Part No. | Description             | Pg. Ref.<br>No. No. Qty. |
|----------|--------------------------|--------------------------|----------|-------------------------|--------------------------|
| 3230-23  | Screw - Carriage         | 1 27 6                   | 3256-22  | Washer - Flat           | 8 6 2                    |
| 3230-27  | Screw - Carriage         | 1 8 1                    | 3256-22  | Washer - Flat           | 24 15 2                  |
| 3231-2   | Bolt - Carriage          | 38 14 4                  | 3256-22  | Washer - Flat           | 31 33 1                  |
| 3231-2   | Bolt - Carriage          | 41 15 2                  | 3256-22  | Washer - Flat           | 3 53 2                   |
| 3231-22  | Bolt - Carriage          | 8 23 6                   | 3256-23  | Washer                  | 14 49 1                  |
| 3231-26  | Screw - Carriage         | 20 7 1                   | 3256-23  | Washer - Flat           | 20 9 23                  |
| 3231-31  | Bolt - Carriage          | 22 21 1                  | 3256-23  | Washer - Flat           | 26 16 1                  |
| 3234-4   | Screw - Cap Hex. Hd.     | 8 7 2                    | 3256-23  | Washer - Flat           | 46 18 6                  |
| 3234-4   | Screw - Hex. Flange Hd.  | 2 13 3                   | 3256-23  | Washer - Flat           | 47 19 2                  |
| 3234-4   | Screw - Hex. Flange Hd.  | 22 29 2                  | 3256-23  | Washer - Flat           | 1 25 4                   |
| 3234-4   | Screw - Hex. Washer Hd.  | 5 8 3                    | 3256-23  | Washer - Flat           | 22 30 15                 |
| 3234-4   | Screw - Hex. Washer Hd.  | 26 10 1                  | 3256-23  | Washer - Flat           | 33 34 4                  |
| 3234-4   | Screw - Hex. Washer Hd.  | 9 22 2                   | 3256-23  | Washer - Flat           | 8 43 2                   |
| 3234-5   | Screw - Hex. Flange Hd.  | 2 1 24                   | 3256-24  | Washer - Flat           | 48 6 2                   |
| 3234-5   | Screw - Hex. Washer Hd.  | 1 2 14                   | 3256-24  | Washer - Flat           | 47 3 4                   |
| 3234-5   | Screw - Hex. Washer Hd.  | 13 4 2                   | 3256-24  | Washer - Flat           | 29 16 1                  |
| 3234-5   | Screw - Hex. Washer Hd.  | 8 19 2                   | 3256-24  | Washer - Flat           | 46 21 8                  |
| 3234-5   | Screw - Hex. Washer Hd.  | 20 32 1                  | 3256-24  | Washer - Flat           | 22 25 2                  |
| 3234-11  | Screw - Hex. Flange Hd.  | 2 40 4                   | 3256-24  | Washer - Flat           | 26 25 3                  |
| 3234-11  | Screw - Hex. Washer Hd.  | 48 4 2                   | 3256-24  | Washer - Flat           | 20 27 16                 |
| 3234-11  | Screw - Hex. Washer Hd.  | 26 29 1                  | 3256-24  | Washer - Flat           | 28 30 2                  |
| 3234-17  | Screw - Hex. Washer Hd.  | 8 21 4                   | 3256-24  | Washer - Flat           | 12 34 1                  |
| 3234-23  | Screw - Hex. Flange      | 34 14 6                  | 3256-25  | Washer - Flat           | 36 14 1                  |
| 3234-24  | Screw - Hex. Flange Hd.  | 20 26 4                  | 3256-25  | Washer - Flat           | 39 20 1                  |
| 3234-25  | Screw - Hex. Washer Hd.  | 26 17 5                  | 3256-26  | Washer - Flat           | 35 4 6                   |
| 3234-28  | Screw - Hex. Flange Hd.  | 17 1 2                   | 3256-26  | Washer - Flat           | 7 10 2                   |
| 3234-28  | Screw - Hex. Washer Hd.  | 8 13 8                   | 3256-35  | Washer                  | 44 9 6                   |
| 3234-28  | Screw - Hex. Washer Hd.  | 20 53 1                  | 3256-45  | Washer - Flat           | 29 10 4                  |
| 3234-32  | Screw - Cap Hex. Hd.     | 22 5 4                   | 3256-45  | Washer - Flat           | 28 19 4                  |
| 3234-32  | Screw - Cap Hex. Hd.     | 29 28 1                  | 3256-45  | Washer Flat             | 40 69 2                  |
| 3234-32  | Screw - Hex. Flange Hd.  | 28 14 2                  | 3256-49  | Washer                  | 47 13 8                  |
| 3234-36  | Screw - Hex. Flange Hd.  | 2 15 3                   | 3256-49  | Washer - Flat           | 46 13 32                 |
| 3242-4   | Screw - Square Hd. Set   | 22 3 6                   | 3256-54  | Washer - Flat           | 30 4 1                   |
| 3243-6   | Screw - Set Sq. Hd.      | 37 67 1                  | 3256-56  | Washer - Flat           | 36 51 1                  |
| 3243-6   | Screw - Set Sq. Hd.      | 40 76 1                  | 3256-56  | Washer - Flat           | 40 54 1                  |
| 3245-35  | Screw - Set              | 22 10 4                  | 3257-15  | Key - Square            | 13 10 2                  |
| 3246-9   | Screw - Set              | 49 6 6                   | 3257-15  | Key - Square            | 15 11 1                  |
| 3247-6   | Screw - Set              | 45 3 3                   | 3257-15  | Key - Woodruff          | 31 15 1                  |
| 3249-11  | Screw - Round Hd.        | 12 27 2                  | 3257-32  | Key - Woodruff          | 11 7 1                   |
| 3250-35  | Screw - Pan Hd.          | 26 6 2                   | 3257-32  | Key - Woodruff          | 10 17 1                  |
| 3253-2   | Washer - Lock            | 5 15 5                   | 3258-19  | Screw - Round Hd.       | 3 61 2                   |
| 3253-3   | Washer - Lock            | 35 12 6                  | 3258-19  | Screw - Round Hd.       | 4 2 2                    |
| 3253-3   | Washer - Lock            | 13 14 8                  | 3269-18  | Rivet - Pop             | 47 15 10                 |
| 3253-3   | Washer - Lock            | 10 19 3                  | 3269-18  | Rivet - Pop             | 46 23 20                 |
| 3253-4   | Washer - Lock            | 28 11 4                  | 3269-22  | Rivet - Pop             | 47 12 4                  |
| 3253-4   | Washer - Lock            | 29 22 2                  | 3269-22  | Rivet - Pop             | 46 25 8                  |
| 3253-4   | Washer - Lock            | 1 24 4                   | 3269-23  | Rivet - Pop             | 46 16 24                 |
| 3253-4   | Washer - Lock            | 37 52 1                  | 3269-23  | Rivet - Pop             | 47 24 8                  |
| 3253-4   | Washer - Lock            | 40 55 1                  | 3272-4   | Pin - Cotter            | 2 9 2                    |
| 3253-5   | Washer - Lock            | 18 8 1                   | 3272-4   | Pin - Cotter            | 26 13 1                  |
| 3253-5   | Washer - Lock            | 36 25 2                  | 3272-6   | Pin - Cotter            | 7 1 1                    |
| 3253-5   | Washer - Lock            | 39 30 2                  | 3272-6   | Pin - Cotter            | 10 14 1                  |
| 3253-21  | Washer - Lock            | 46 15 4                  | 3272-6   | Pin - Cotter            | 29 19 1                  |
| 3254-9   | Washer - ITLW            | 12 2 2                   | 3272-6   | Pin - Cotter            | 31 26 1                  |
| 3254-9   | Washer - Lock Internal   | 26 5 2                   | 3272-6   | Pin - Cotter            | 13 31 5                  |
| 3254-18  | Washer - Lock I.T.L.W.   | 44 6 6                   | 3272-6   | Pin - Cotter            | 26 43 1                  |
| 3254-20  | Washer - Lock            | 5 23 1                   | 3272-9   | Pin - Cotter            | 20 23 1                  |
| 3255-2   | Washer - Lock            | 31 31 1                  | 3272-11  | Pin - Cotter            | 29 4 1                   |
| 3255-2   | Washer - Lock E.T.L.W.   | 37 61 1                  | 3272-11  | Pin - Cotter            | 28 22 2                  |
| 3255-2   | Washer - Lock E.T.L.W.   | 40 71 1                  | 3272-11  | Pin - Cotter            | 26 32 5                  |
| 3255-7   | Washer - ETLW            | 12 26 3                  | 3272-13  | Pin - Cotter            | 29 13 2                  |
| 3255-7   | Washer - ETLW            | 2 35 1                   | 3272-13  | Pin - Cotter            | 28 27 2                  |
| 3255-7   | Washer - Lock E.T.L.W.   | 5 35 1                   | 3272-17  | Pin - Cotter            | 28 25 2                  |
| 3255-8   | Washer - Ext. Tooth Lock | 34 4 4                   | 3272-17  | Pin - Cotter            | 29 33 1                  |
| 3255-8   | Washer - Lock E.T.L.W.   | 20 30 1                  | 3273-18  | Screw - Hex. Socket Hd. | 22 34 4                  |
| 3256-2   | Washer - Flat            | 46 27 8                  | 3274-90  | Screw - Hex. Socket Hd. | 5 13 2                   |
| 3256-3   | Washer - Flat            | 31 4 1                   | 3290-55  | Rivet - Pop             | 38 8 6                   |
| 3256-3   | Washer - Flat            | 16 6 1                   | 3290-55  | Rivet - Pop             | 41 9 4                   |
| 3256-3   | Washer - Flat            | 39 36 5                  | 3290-282 | Rivet - Pop             | 47 18 10                 |
| 3256-4   | Washer - Flat            | 39 2 1                   | 3290-322 | Pin - Hair              | 29 31 1                  |
| 3256-6   | Washer - Flat            | 28 15 2                  | 3290-322 | Pin - Hair              | 28 32 2                  |
| 3256-6   | Washer - Flat            | 29 27 1                  | 3290-379 | Tie - Cable             | 31 7 1                   |
| 3256-14  | Washer - Flat            | 5 16 2                   | 3290-379 | Tie - Cable             | 22 41 1                  |
| 3256-16  | Washer - Flat            | 13 12 8                  | 3290-379 | Tie - Cable             | 21 59 2                  |

\*Not Illustrated

# PART NUMBER INDEX (Continued)

3315-349

| Part No.  | Description             | Pg. Ref.<br>No. No. Qty. | Part No. | Description                  | Pg. Ref.<br>No. No. Qty. |
|-----------|-------------------------|--------------------------|----------|------------------------------|--------------------------|
| 3290-432  | Screw - Hex. Hd.        | 20 20 1                  | 32128-19 | Nut - Flange                 | 34 12 2                  |
| 3290-467  | Cotter - Hairpin        | 38 2 4                   | 32128-20 | Nut - Flange Lock            | 2 46 4                   |
| 3290-467  | Cotter - Hairpin        | 41 3 2                   | 32128-20 | Nut - Lock                   | 14 48 2                  |
| 3290-467  | Pin - Cotter Hair       | 1 28 2                   | 32128-21 | Nut - Flange Lock            | 37 62 1                  |
| 3296-2    | Nut - Lock              | 5 44 1                   | 32128-21 | Nut - Flange Lock            | 40 72 1                  |
| 3296-4    | Nut - Lock              | 26 15 1                  | 32128-25 | Nut - Flange Lock            | 33 35 4                  |
| 3296-6    | Nut - Lock              | 10 22 1                  | 32128-25 | Nut - Hex. Flange            | 34 6 4                   |
| 3296-13   | Rivet - Pop             | 44 1 14                  | 32128-33 | Nut - Flange Lock            | 1 3 2                    |
| 3296-16   | Nut - Flange Lock       | 24 9 2                   | 32128-33 | Nut - Flange Lock            | 28 4 2                   |
| 3296-16   | Nut - Lock              | 12 4 2                   | 32128-33 | Nut - Flange Lock            | 22 14 2                  |
| 3296-23   | Nut - Flange Lock       | 31 23 4                  | 32128-33 | Nut - Flange Lock            | 5 31 3                   |
| 3296-23   | Nut - Flange Lock       | 22 28 4                  | 32128-33 | Nut - Flange Lock            | 2 34 5                   |
| 3296-23   | Nut - Lock              | 10 11 3                  | 32128-43 | Nut - Flange Lock            | 20 1 5                   |
| 3296-23   | Nut - Lock              | 13 42 8                  | 32128-43 | Nut - Flange Lock            | 26 2 7                   |
| 3296-28   | Nut - Lock              | 7 11 2                   | 32128-43 | Nut - Flange Lock            | 8 16 6                   |
| 3296-29   | Nut - Flange Lock       | 31 5 1                   | 32128-43 | Nut - Flange Lock            | 22 23 2                  |
| 3296-29   | Nut - Flange Lock       | 7 20 1                   | 32128-43 | Nut - Flange Lock            | 2 37 4                   |
| 3296-29   | Nut - Flange Lock       | 22 32 6                  | 32128-44 | Nut - Flange Lock            | 20 4 5                   |
| 3296-29   | Nut - Lock              | 16 14 2                  | 32128-44 | Nut - Flange Lock            | 1 16 13                  |
| 3296-29   | Nut - Lock              | 46 19 6                  | 32128-44 | Nut - Flange Lock            | 2 18 10                  |
| 3296-29   | Nut - Lock              | 47 20 3                  | 32128-44 | Nut - Flange Lock            | 32 20 3                  |
| 3296-29   | Nut - Lock              | 12 32 3                  | 32128-44 | Nut - Flange Lock            | 8 26 4                   |
| 3296-29   | Nut - Lock              | 36 41 11                 | 32128-44 | Nut - Hex. Flange Hd.        | 9 12 6                   |
| 3296-29   | Nut - Lock              | 39 42 11                 | 32128-44 | Nut - Lock                   | 13 3 2                   |
| 3296-29   | Nut - Lock              | 8 42 2                   | 32136-4  | Nut - Castle                 | 7 2 1                    |
| 3296-39   | Nut - Flange Lock       | 24 17 1                  | 32136-4  | Nut - Castle                 | 31 27 1                  |
| 3296-39   | Nut - Flange Lock       | 26 26 3                  | 32138-8  | Insert - Threaded            | 1 34 1                   |
| 3296-39   | Nut - Lock              | 36 1 8                   | 32141-84 | Screw - Cap Hex. Hd.         | 7 25 2                   |
| 3296-39   | Nut - Lock              | 47 1 3                   | 32144-10 | Screw - Cap Hex. Hd.         | 39 24 6                  |
| 3296-39   | Nut - Lock              | 38 6 16                  | 32144-10 | Screw - Hex. Washer Hd.      | 36 26 4                  |
| 3296-39   | Nut - Lock              | 46 6 8                   | 32144-18 | Screw - Hex. Hd.             | 5 4 2                    |
| 3296-39   | Nut - Lock              | 41 7 9                   | 32144-39 | Screw - Pan Hd.              | 5 41 2                   |
| 3296-39   | Nut - Lock              | 44 8 2                   | 32148-7  | Insert - Threaded            | 2 3 8                    |
| 3296-39   | Nut - Lock              | 29 15 1                  | 32148-7  | Insert - Threaded            | 1 33 3                   |
| 3296-39   | Nut - Lock              | 22 17 2                  | 32148-8  | Insert - Threaded            | 8 14 3                   |
| 3296-39   | Nut - Lock              | 28 31 2                  | 32148-8  | Insert - Threaded            | 3 58 1                   |
| 3296-39   | Nut - Lock              | 40 67 12                 | 32148-14 | Insert - Threaded            | 7 28 1                   |
| 3296-42   | Nut - Lock              | 13 11 8                  | 32149-9  | Nut - Flange Lock            | 5 37 2                   |
| 3296-42   | Nut - Lock              | 31 35 1                  | 32151-46 | Ring - Retaining             | 11 13 2                  |
| 3296-42   | Nut - Lock              | 8 40 2                   | 32151-78 | Ring - Retaining             | 18 3 2                   |
| 3296-59   | Nut - Lock              | 43 3 6                   | Nut-Lock | 46 29 8                      |                          |
| 3296-59   | Nut - Lock              | 29 9 2                   | 340-2    | Fitting - Hydraulic Straight | 26 47 1                  |
| 3296-59   | Nut - Lock              | 35 9 2                   | 340-4    | Fitting - Hydraulic Straight | 17 13 1                  |
| 3296-59   | Nut - Lock              | 28 18 2                  | 340-4    | Fitting - Hydraulic          | 9 25 1                   |
| 3296-59   | Nut - Lock              | 12 33 1                  | 340-5    | Fitting - Hydraulic Straight | 16 11 2                  |
| 3296-59   | Nut - Lock              | 40 63 1                  | 340-17   | Fitting - Hydraulic 90°      | 13 43 2                  |
| 3296-62   | Nut - Lock              | 36 10 1                  | 340-19   | Fitting - Hydraulic Tee      | 16 20 1                  |
| 3296-62   | Nut - Lock              | 39 14 1                  | 340-23   | Fitting - Hydraulic Cross    | 24 21 1                  |
| 32104-82  | Screw - Hex. Washer Hd. | 1 21 5                   | 340-77   | Fitting - Hydraulic 90°      | 24 6 1                   |
| 32104-116 | Screw - Hex. Washer Hd. | 8 2 8                    | 340-87   | Fitting - Hydraulic 45°      | 26 39 1                  |
| 32105-1   | Screw - Hex. Hd.        | 5 42 1                   | 340-88   | Fitting - Hydraulic Straight | 31 37 1                  |
| 32107-11  | Nut - Square            | 3 62 2                   | 340-92   | Fitting - Hydraulic Straight | 24 11 1                  |
| 32107-11  | Nut - Square            | 4 4 2                    | 340-98   | Fitting - Hydraulic 90°      | 17 8 1                   |
| 32120-10  | Ring - Retaining        | 20 45 1                  | 340-99   | Fitting - Hydraulic 90°      | 10 26 2                  |
| 32120-11  | Ring - Retaining        | 11 36 1                  | 340-101  | Fitting - Hydraulic 45°      | 10 5 2                   |
| 32120-15  | Ring - Retaining        | 11 34 1                  | 340-102  | Fitting - Hydraulic Tee      | 16 16 1                  |
| 32120-64  | Ring - Snap             | 46 1 8                   | 340-103  | Fitting - Hydraulic 45°      | 24 23 1                  |
| 32121-6   | Pin - Roll              | 12 15 1                  | 340-103  | Fitting - Hydraulic 45°      | 14 45 1                  |
| 32121-6   | Pin - Roll              | 2 21 1                   | 340-105  | Fitting - Hydraulic 90°      | 13 8 2                   |
| 32121-6   | Pin - Roll              | 13 39 2                  | 340-109  | Fitting - Hydraulic Tee      | 17 11 1                  |
| 32121-9   | Pin - Roll              | 30 13 1                  | 340-110  | Fitting - Hydraulic 90°      | 24 19 1                  |
| 32121-10  | Pin - Roll              | 7 22 1                   | 340-127  | Nut - Bulkhead               | 8 25 2                   |
| 32121-15  | Pin - Roll              | 7 16 2                   | 340-140  | Fitting - Hydraulic Tee      | 14 * 1                   |
| 32121-23  | Pin - Roll              | 30 1 1                   | 340-141  | Fitting - Hydraulic Straight | 31 12 2                  |
| 32121-24  | Pin - Roll              | 12 24 1                  | 353-512  | Plug - Hydraulic             | 18 1 1                   |
| 32121-34  | Pin - Dowel             | 10 29 1                  | 353-987  | Fitting - Hydraulic 90°      | 9 17 1                   |
| 32121-36  | Pin - Roll              | 36 6 4                   | 354-23   | Ball - Check                 | 18 4 1                   |
| 32121-36  | Pin-Roll                | 39 11 4                  | 354-77   | Hydraulic Test Port Fitting  | 16 23 2                  |
| 32121-38  | Pin - Roll              | 18 5 1                   | 354-79   | Cap - Test Port              | 16 22 2                  |
| 32121-91  | Pin - Coiled Spring     | 11 38 3                  | 354-120  | Fitting - Hydraulic 90°      | 10 8 1                   |
| 32128-10  | Nut - Flange Lock       | 37 66 1                  | 354-127  | Fitting - Hydraulic 45°      | 9 20 2                   |
| 32128-10  | Nut - Flange Lock       | 40 75 1                  | 354-128  | Fitting - Hydraulic 90°      | 10 3 1                   |
| 32128-14  | Nut - Flange Lock       | 1 13 2                   |          |                              |                          |

\*Not Illustrated

## IDENTIFICATION AND ORDERING

### MODEL AND SERIAL NUMBERS

The Reelmaster 216-D has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Reelmaster 216-D, supply model and serial numbers to assure that correct information and replacement parts are obtained.

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

1. Model and serial number of the Reelmaster 216-D.
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.

## INDEX

| Description                                         | Page  | Description                                       | Page  |
|-----------------------------------------------------|-------|---------------------------------------------------|-------|
| Hood & Grille .....                                 | 1     | Comb Kit Part No. 67-9400 (Optional) .....        | 44    |
| Skirt Assembly .....                                | 2-3   | Large Pulley Kit Part No. 67-9540 (Optional) .... | 45    |
| Air Cleaner Assembly .....                          | 4     | Grass Collection System                           |       |
| Instrument Panel Assembly .....                     | 5     | Model No. 03433 (Optional)                        |       |
| Electrical Schematic .....                          | 6     | (Front Cutting Unit Basket Assembly) .....        | 46    |
| Frame Assembly .....                                | 7     | Grass Collection System                           |       |
| Radiator Assembly .....                             | 8     | Model No. 03433 (Optional)                        |       |
| Hydraulic Reservoir & Filter Assembly .....         | 9     | (Rear Cutting Unit Basket Assembly) .....         | 47    |
| Hydraulic Pump Installation Assembly .....          | 10    | Weight Kit No. 83-9370 .....                      | 48    |
| Hydraulic Pump Assembly No. 85-4920 .....           | 11    | Backlap Kit No. 84-5510 .....                     | 49    |
| Traction Control Assembly .....                     | 12    | Special Tools .....                               | 50    |
| Front Wheel Assembly .....                          | 13-14 | Cylinder Block Assembly .....                     | 51    |
| Hydraulic Drive Motor No. 66-5291 .....             | 15    | Crankshaft Assembly .....                         | 52    |
| Drive Motor Plumbing Assembly .....                 | 16    | Cylinder Head Assembly .....                      | 53    |
| Rear Wheel Drive Valve Assembly .....               | 17    | Rocker Arm Assembly .....                         | 54    |
| 2 Position Valve Assembly No. 71-2830 .....         | 18    | Camshaft Assembly .....                           | 55    |
| Hydraulic Schematic .....                           | 19    | Timing Cover Assembly .....                       | 56    |
| Engine Installation Assembly .....                  | 20-21 | Oil Pump Assembly .....                           | 57    |
| Reel Drive Assembly .....                           | 22    | Fuel Injection System Assembly .....              | 58    |
| Electric Clutch Assembly No. 83-9140 .....          | 23    | Injection Pump Assembly .....                     | 59-60 |
| Cutting Unit Lift Valve Installation Assembly ..... | 24    | Flywheel Housing Assembly .....                   | 61    |
| Control Valve No. 43-1950 .....                     | 25    | Flywheel Assembly .....                           | 62    |
| Cutting Unit Lift Assembly .....                    | 26    | Starter Installation Assembly .....               | 63    |
| Hydraulic Cylinder No. 76-0020 .....                | 27    | Starter Assembly .....                            | 64    |
| Front Cutting Unit Lift Arm Assembly .....          | 28    | Oil Sump Assembly .....                           | 65    |
| Rear Cutting Unit Lift Arm Assembly .....           | 29    | Valve Cover Assembly .....                        | 66    |
| Belt Tensioner Assembly No. 83-7900 .....           | 30    | Oil Filter Assembly .....                         | 67    |
| Rear Wheel Assembly .....                           | 31    | Front Drive Pulley Assembly .....                 | 68    |
| Fuel System Assembly .....                          | 32    | Water Pump Assembly .....                         | 69    |
| Seat Assembly Model No. 30797 (Optional) .....      | 33    | Alternator Assembly .....                         | 70    |
| Seat Assembly Model No. 30796 (Optional) .....      | 34    | Timing Cover Plate Assembly .....                 | 71    |
| Cutting Unit Carrier Frame Assembly                 |       | Exhaust Manifold Assembly .....                   | 72    |
| (Floating Cutting Unit Suspension) .....            | 35    | Low Pressure Fuel System Assembly .....           | 73    |
| 8 & 11 Blade Cutting Unit Reel Assembly ...         | 36-37 | Lift Pump Assembly .....                          | 74    |
| 8 & 11 Blade Cutting Unit Roller Assembly           |       | Fuel Filter Assembly .....                        | 75    |
| (Floating Suspension) .....                         | 38    | Cold Start System Assembly .....                  | 76    |
| 5 Blade Cutting Unit Reel Assembly                  |       | Engine Lifting Tab Assembly .....                 | 77    |
| (Fixed Suspension) .....                            | 39-40 | Throttle Stop Assembly .....                      | 78    |
| 5 Blade Cutting Unit Roller Assembly                |       | Recorder Assembly .....                           | 79    |
| (Fixed Suspension) .....                            | 41    | Electrical Component Assembly .....               | 80    |
| Cutting Unit Roller Options .....                   | 42    | International Decal Cross Reference .....         | 81-83 |
| Cutting Unit Roller Scraper Kit                     |       | Part Number Index .....                           | 84-91 |
| Part No. 60-9590 (Optional) .....                   | 43    |                                                   |       |