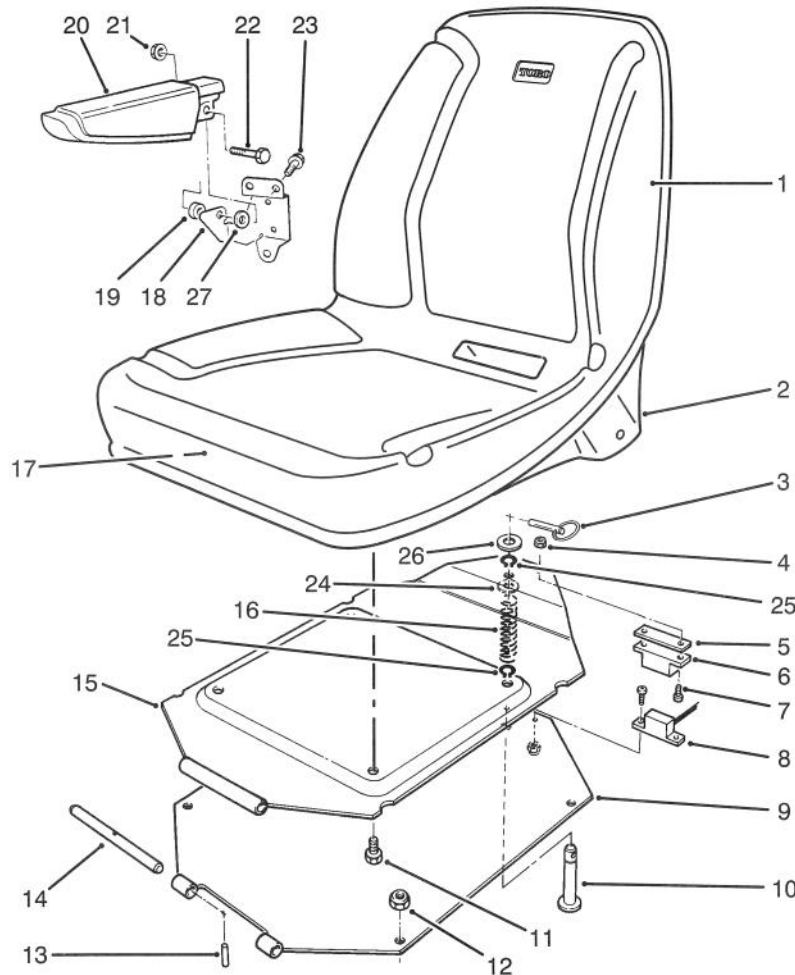


**TORO®**

MODEL NO. 30580-50001 &amp; UP

**PARTS  
CATALOG****GROUNDMASTER® 580-D  
Traction Unit**

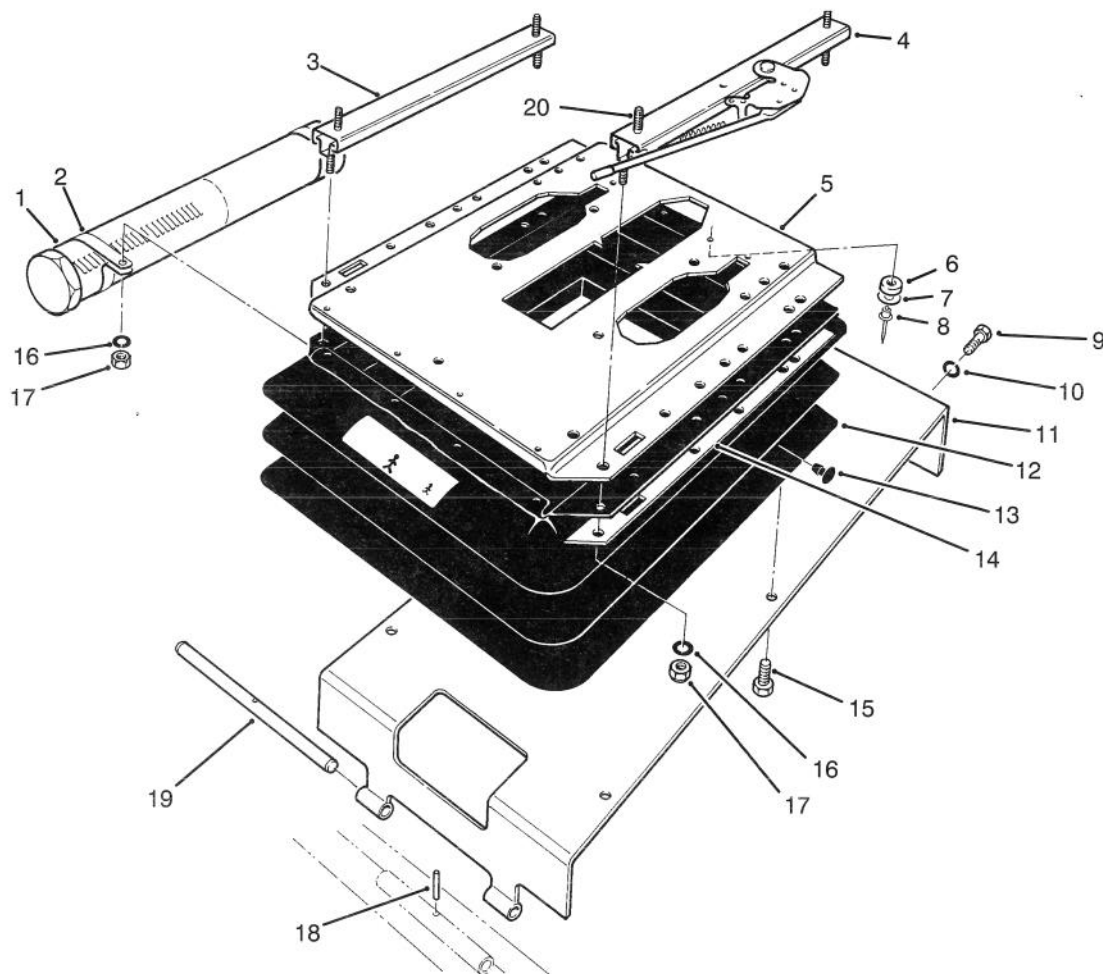
T-1278C

**SEAT ASSEMBLY**

| Ref. No. | Part No. | Description                     | No. Used |
|----------|----------|---------------------------------|----------|
| 1        | 92-1180  | Assembly - Seat (Incl. Ref. #2) | 1        |
| 2        | 67-9560  | Shell - Seat                    | 1        |
| 3        | 283-72   | Pin - Lynch                     | 1        |
| 4        | 3296-54  | Nut - Lock                      | 4        |
| 5        | 83-6630  | Shim - Switch                   | 1        |
| 6        | 92-8753  | Catch - Magnetic                | 1        |
| 7        | 32122-53 | Screw - Pan Head                | 4        |
| 8        | 83-6640  | Sensor - Switch                 | 1        |
| 9        | 83-6700  | Plate - Suspension              | 1        |
| 10       | 85-6160  | Pin - Spring                    | 1        |
| 11       | 3234-5   | Screw - Cap Hex. Hd.            | 4        |
| 12       | 3296-29  | Nut - Lock                      | 4        |
| 13       | 32121-4  | Pin - Roll                      | 1        |
| 14       | 27-4720  | Pin - Pivot Seat                | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 15       | 83-6690  | Plate - Seat            | 1        |
| 16       | 85-6140  | Spring                  | 1        |
| 17       | 92-1179  | Cushion - Seat          | 1        |
| 18       | 69-0770  | Bracket - Arm Rest R.H. | 1        |
| *        | 69-0760  | Bracket - Arm Rest L.H. | 1        |
| 19       | 92-7301  | Spacer                  | 2        |
| 20       | 69-1180  | Armrest                 | 2        |
| 21       | 32128-19 | Nut - Lock Flange Hd.   | 2        |
| 22       | 323-9    | Screw - Cap Hex. Hd.    | 2        |
| 23       | 3234-14  | Screw - Cap Hex. Hd.    | 6        |
| 24       | 3256-27  | Washer - Flat           | 1        |
| 25       | 32120-64 | Ring - Retaining        | 2        |
| 26       | 3256-7   | Washer - Flat           | 1        |
| 27       | 3256-24  | Washer - Flat           | 2        |

\*Not Illustrated

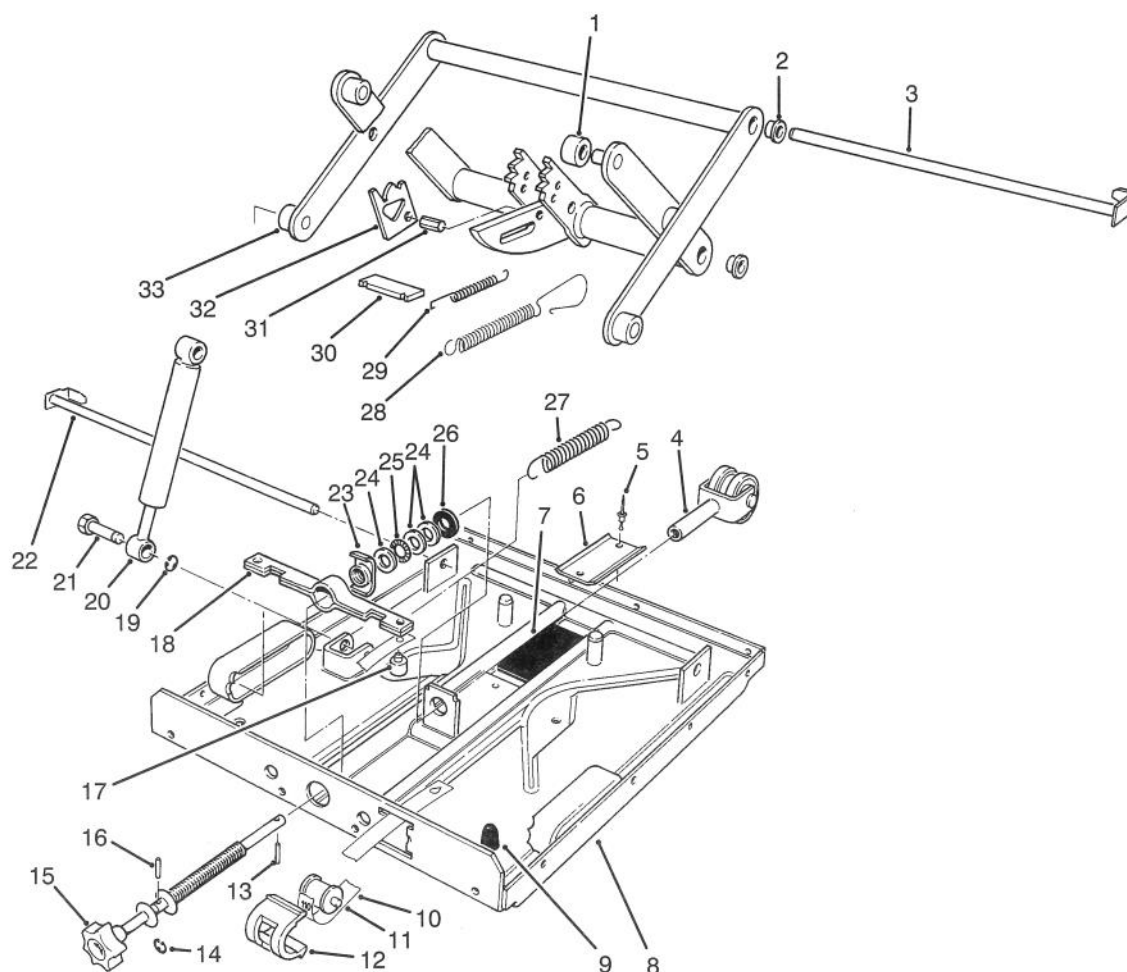


T-1279A

## SEAT PIVOT AND BELLOWS ASSEMBLY

| Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|---------------------------------------------|----------|
| 1        | 74-0720  | Tube - Manual                               | 1        |
| 2        | 2412-133 | Clamp                                       | 2        |
| 3        | 66-8530  | Track - Adjustment                          | 1        |
| 4        | 82-9060  | Track & Latch - Adjustment                  | 1        |
| 5        | 71-2410  | Plate - Upper Suspension<br>(Incl. Ref. #6) | 1        |
| 6        | 71-2400  | Assembly - Bumper<br>(Incl. Ref. #7 & 8)    | 2        |
| 7        | 71-2380  | Washer                                      | 2        |
| 8        | 71-2390  | Rivet - Pop                                 | 2        |
| 9        | 323-6    | Screw - Cap Hex. Hd.                        | 2        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 10       | 3253-21  | Washer - Lock        | 2        |
| 11       | 83-6660  | Support - Seat       | 1        |
| 12       | 71-2420  | Bellows - Rubber     | 1        |
| 13       | 39-5710  | Plug                 | 21       |
| 14       | 40-3890  | Trim                 | 2        |
| 15       | 48-7780  | Screw - Cap Hex. Hd. | 4        |
| 16       | 3256-23  | Washer - Flat        | 4        |
| 17       | 3296-29  | Nut - Lock           | 4        |
| 18       | 32121-4  | Pin - Roll           | 1        |
| 19       | 27-4720  | Pin - Pivot, Seat    | 1        |
| 20       | 3230-22  | Bolt - Carriage      | 1        |



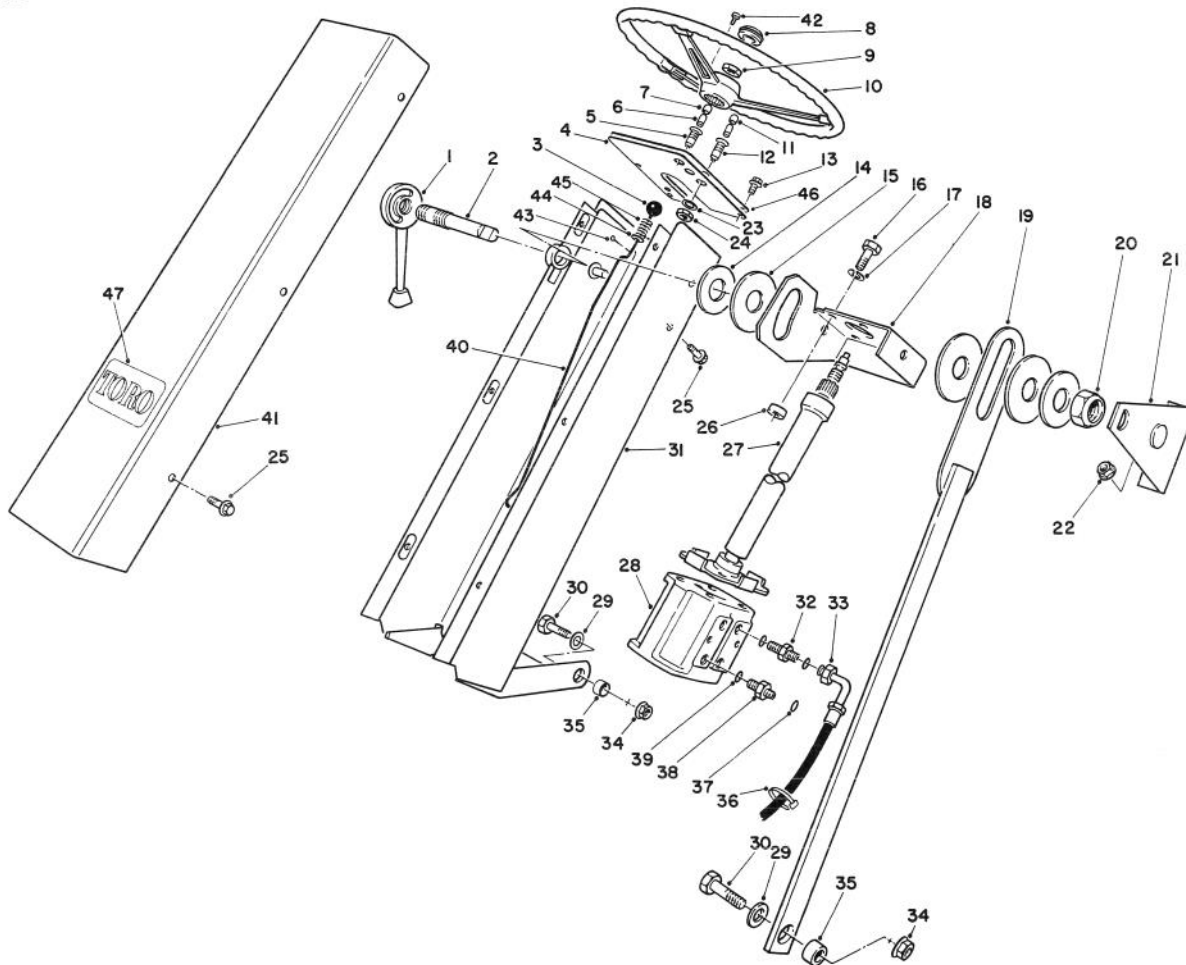
T-0483

## SEAT SUSPENSION ASSEMBLY

| Ref. No. | Part No. | Description                                       | No. Used |
|----------|----------|---------------------------------------------------|----------|
| 1        | 40-4010  | Roller                                            | 4        |
| 2        | 71-2180  | Bearing                                           | 4        |
| 3        | 71-2190  | Pin                                               | 1        |
| 4        | 71-2290  | Bearing - Triple                                  | 1        |
| 5        | 40-4090  | Rivet - Pop                                       | 2        |
| 6        | 40-4080  | Track - U                                         | 1        |
| 7        | 40-4120  | Plate - Rubber                                    | 1        |
| 8        | 71-2310  | Plate - Lower Suspension<br>(Incl. Ref. #5-7 & 9) | 1        |
| 9        | 71-2300  | Bumper                                            | 2        |
| 10       | 71-2280  | Band - Weight Indicator                           | 1        |
| 11       | 40-4150  | Roller                                            | 1        |
| 12       | 40-4160  | Guide - Sleeve                                    | 1        |
| 13       | 71-2210  | Pin                                               | 1        |
| 14       | 71-2230  | Ring - Snap                                       | 1        |
| 15       | 71-2240  | Knob Assembly<br>(Incl. Ref. #13, 14 & 16)        | 1        |
| 16       | 71-2220  | Pin                                               | 1        |
| 17       | 40-4230  | Plug                                              | 1        |
| 18       | 71-2250  | Bracket - Spring                                  | 1        |

| Ref. No. | Part No. | Description                                                            | No. Used |
|----------|----------|------------------------------------------------------------------------|----------|
| 19       | 71-2330  | Ring - Snap                                                            | 2        |
| 20       | 71-2340  | Absorber - Shock                                                       | 1        |
| 21       | 71-2320  | Pin                                                                    | 2        |
| 22       | 71-2170  | Pin                                                                    | 1        |
| 23       | 71-2270  | Nut - Special                                                          | 1        |
| 24       | 40-4070  | Washer                                                                 | 3        |
| 25       | 40-4310  | Bearing - Thrust Needle                                                | 1        |
| 26       | 40-4060  | Washer - Rubber                                                        | 1        |
| 27       | 71-2260  | Spring                                                                 | 2        |
| 28       | 40-4340  | Spring - Extension                                                     | 1        |
| 29       | 40-4350  | Spring - Extension                                                     | 2        |
| 30       | 40-4360  | Plate                                                                  | 1        |
| 31       | 40-4370  | Bolt                                                                   | 1        |
| 32       | 40-4380  | Bracket - Release                                                      | 2        |
| 33       | 71-2200  | Bracket - Swing Arm (Incl. Ref. #1-3, 22 & 29-32)                      | 1        |
| *        | 71-0480  | Suspension Assembly<br>(Incl. Ref. #1-33, & 6-8, 12 & 13, from page 2) | 1        |

\*Not Illustrated



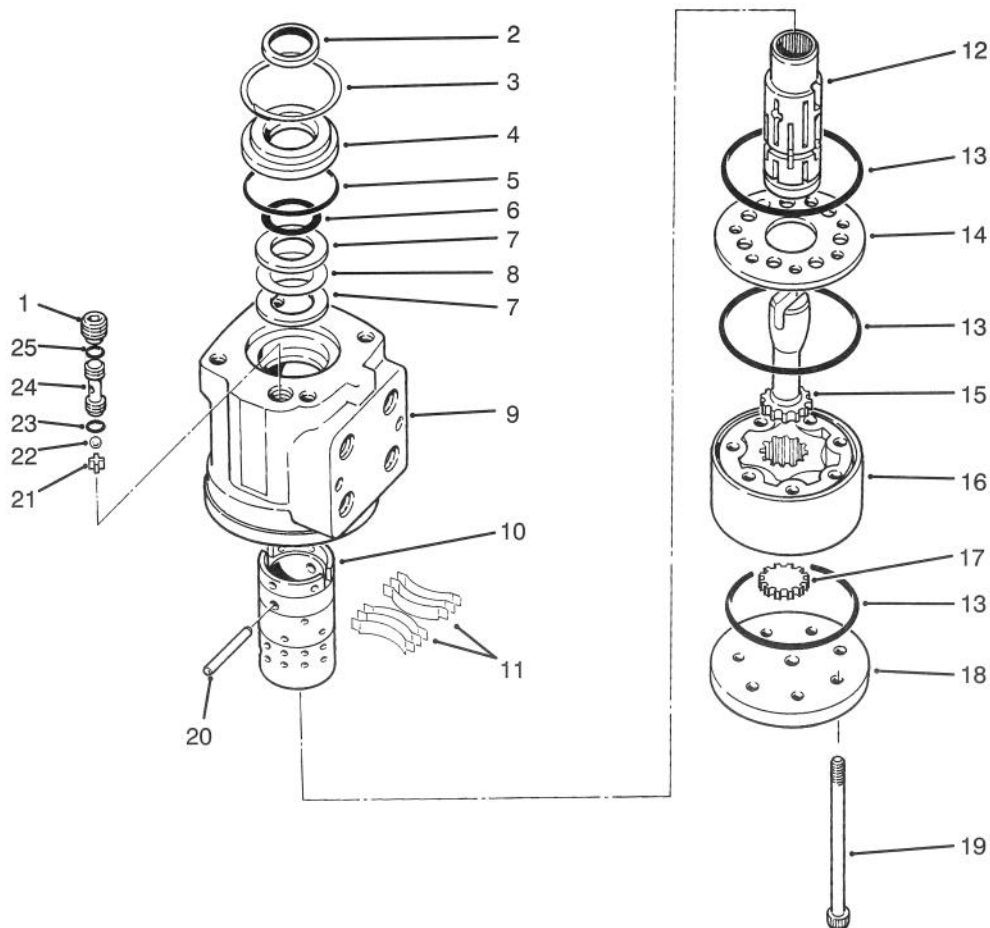
T-0338

## STEERING TOWER ASSEMBLY

| Ref. No. | Part No. | Description                                           | No. Used | Ref. No. | Part No. | Description                                           | No. Used |
|----------|----------|-------------------------------------------------------|----------|----------|----------|-------------------------------------------------------|----------|
| 1        | 69-1560  | Lever - Lock                                          | 1        | 24       | 218-535  | Nut - Hex.                                            | 3        |
| 2        | 69-9230  | Shaft - Steering Pivot                                | 1        | 25       | 3234-14  | Screw - Hex. Washer Hd.                               | 8        |
| 3        | 233-17   | Knob                                                  | 1        | 26       | 46-1600  | Spacer                                                | 4        |
| 4        | 69-9440  | Panel - Steering Tower                                | 1        | 27       | 71-0540  | Column - Steering                                     | 1        |
| 5        | 44-2210  | Body - Indicator Light<br>(Incl. Ref. #6-7 & 23-24)   | 1        | 28       | 92-9748  | Valve - Power Steering                                | 1        |
| †6       |          | Bulb - Indicator Light<br>(#1891)                     | 3        | 29       | 3256-26  | Washer - Flat                                         | 3        |
| 7        | 218-533  | Lens - Indicator Light (Red)                          | 1        | 30       | 325-5    | Screw - Cap Hex. Hd.                                  | 3        |
| 8        | 213-31   | Cover - Steering Wheel                                | 1        | 31       | 69-8160  | Tower - Steering                                      | 1        |
| 9        | 47-6990  | Nut - Hex.                                            | 1        | 32       | 340-133  | Fitting - Hydraulic Straight<br>(Incl. Ref. #37 & 39) | 3        |
| 10       | 68-8080  | Wheel - Steering                                      | 1        | 33       | 69-5500  | Hose - Hydraulic                                      | 4        |
| 11       | 218-562  | Lens - Indicator Light<br>(Amber)                     | 2        | 34       | 32128-23 | Nut - Flange Lock                                     | 3        |
| 12       | 44-2212  | Body - Indicator Light<br>(Incl. Ref. #6, 11 & 23-24) | 2        | 35       | 28-0380  | Spacer                                                | 3        |
| 13       | 32144-64 | Screw - Hex. Washer Hd.                               | 4        | 36       | 3290-378 | Tie-Cable                                             | 5        |
| 14       | 20-9500  | Spacer                                                | 2        | 37       | 237-22   | Seal - O-Ring                                         | 4        |
| 15       | 31-0390  | Washer - Friction                                     | 3        | 38       | 69-6980  | Valve - Check<br>(Incl. Ref. # 37 & 39)               | 1        |
| 16       | 323-7    | Screw - Cap Hex. Hd.                                  | 4        | 39       | 237-79   | Seal - O-Ring                                         | 4        |
| 17       | 3253-21  | Washer - Lock                                         | 4        | 40       | 71-4060  | Rod - Brake Latch                                     | 1        |
| 18       | 69-9540  | Bracket - Steering Gear                               | 1        | 41       | 69-8510  | Cover - Steering Tower                                | 1        |
| 19       | 69-7760  | Link - Steering Gear                                  | 1        | 42       | 32144-96 | Screw - Mach. Round Hd.                               | 3        |
| 20       | 3296-49  | Nut - Lock                                            | 1        | 43       | 3272-5   | Pin - Cotter                                          | 1        |
| 21       | 69-7740  | Support - Steering Gear                               | 1        | 44       | 3256-22  | Washer - Flat                                         | 1        |
| 22       | 32128-20 | Nut - Flange Lock                                     | 2        | 45       | 3-3251   | Spring - Compression                                  | 1        |
| 23       | 218-536  | Washer - Lock                                         | 3        | 46       | 69-0970  | Panel - Control                                       | 1        |
|          |          |                                                       |          | 47       | 62-5550  | Decal                                                 | 1        |

†Obtain Locally





T-0383A

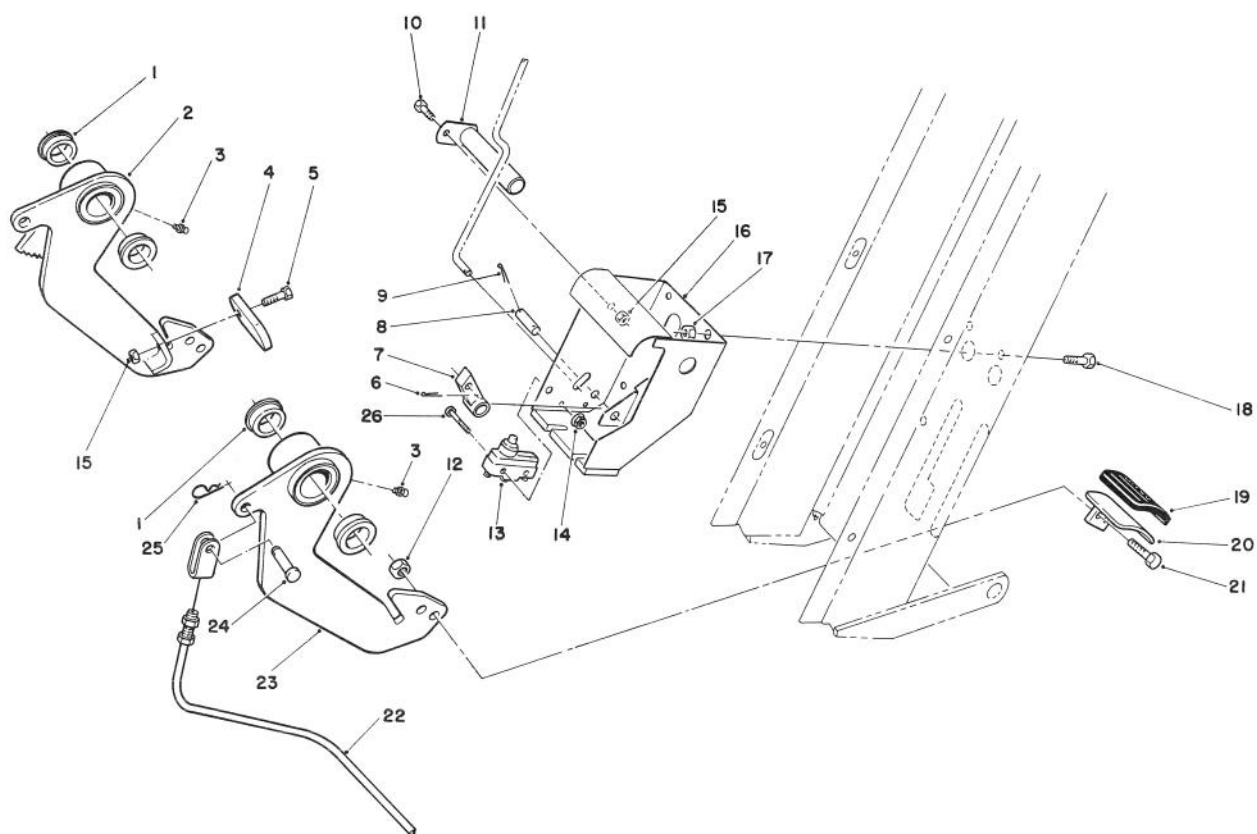
## POWER STEERING VALVE ASSEMBLY NO. 92-9748

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 1        | 52-9260  | Screw - Set             | 1        |
| †2       |          | Seal - 1" ID            | 1        |
| 3        | 52-9230  | Ring - Retaining        | 1        |
| 4        | 52-9240  | Bushing - Gland Seal    | 1        |
| †5       |          | Seal - 1.875" ID        | 1        |
| †6       |          | Seal - Quad Ring        | 1        |
| 7        | 59-6730  | Race - Bearing          | 2        |
| 8        | 59-6740  | Bearing - Needle Thrust | 1        |
| †9       |          | Housing                 | 1        |
| †10      |          | Sleeve - Control        | 1        |
| 11       | 59-6820  | Centering Spring Kit    | 1        |
| †12      |          | Spool - Control         | 1        |
| †13      |          | Seal                    | 3        |
| 14       | 92-9732  | Plate - Wear            | 1        |
| 15       | 52-9320  | Drive                   | 1        |
| 16       | 69-1860  | Gerotor                 | 1        |

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 17       | 69-1880  | Spacer                                        | 1        |
| 18       | 92-9730  | Cap - End                                     | 1        |
| 19       | 92-9735  | Screw - Cap                                   | 7        |
| 20       | 59-6830  | Kit - Centering Pin                           | 1        |
| 21       | 52-9290  | Retainer - Check Ball                         | 1        |
| 22       | 52-9280  | Ball - Check                                  | 1        |
| †23      |          | Seal                                          | 1        |
| 24       | 52-9270  | Seat - Check Ball                             | 1        |
| †25      |          | Seal                                          | 1        |
| *        | 52-9250  | Needle Bearing Kit<br>(Incl. Ref. #7-8)       | 1        |
| *        | 92-9749  | Seal Kit (Incl. Ref. #2, 5-6,<br>13, 23 & 25) | 1        |
| *        | 92-7946  | Kit - End Cap<br>(Incl. Ref. #14, 18, & 19)   | 1        |

\*Not Illustrated

†Not Serviceable Separately



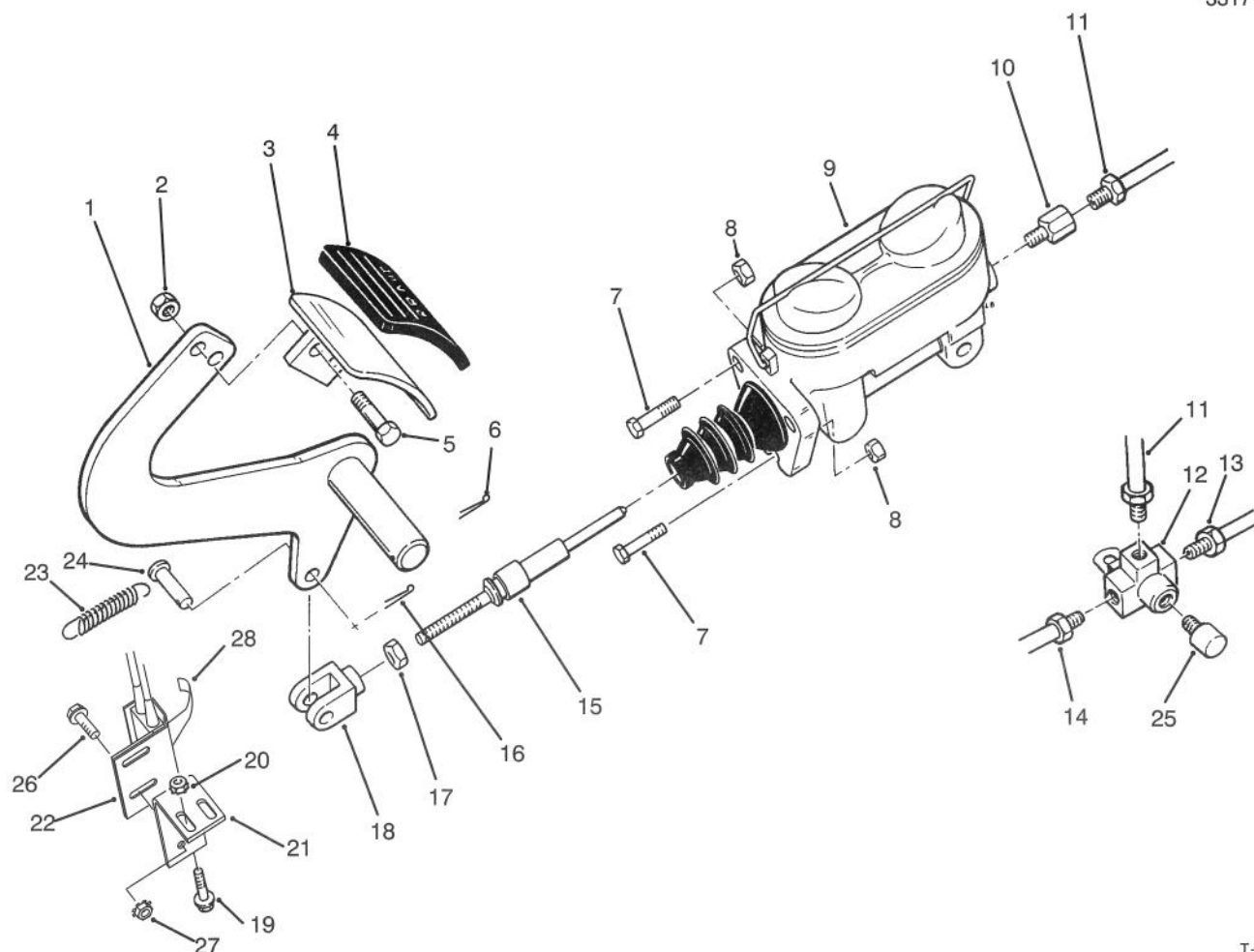
T-0339A

## STEERING BRAKE ASSEMBLY

| Ref. No. | Part No. | Description                             | No. Used |
|----------|----------|-----------------------------------------|----------|
| 1        | 256-247  | Bushing - Flange                        | 4        |
| 2        | 69-7890  | Arm - Brake R.H.<br>(Incl. Ref. #1 & 3) | 1        |
| 3        | 302-5    | Fitting - Grease                        | 2        |
| 4        | 69-9210  | Lever - Brake Latch                     | 1        |
| 5        | 321-4    | Screw - Cap Hex. Hd.                    | 1        |
| 6        | 3272-5   | Pin - Cotter                            | 1        |
| 7        | 69-7720  | Pawl - Brake                            | 1        |
| 8        | 69-9200  | Pin - Brake Pawl                        | 1        |
| 9        | 3272-6   | Pin - Cotter                            | 2        |
| 10       | 321-2    | Screw - Cap Hex. Hd.                    | 1        |
| 11       | 69-7790  | Pin - Brake Arm                         | 1        |
| 12       | 32152-1  | Nut - Lock                              | 4        |
| 13       | 29-6163  | Switch - Micro                          | 1        |
| 14       | 3296-9   | Nut - Lock                              | 2        |

| Ref. No. | Part No. | Description                             | No. Used |
|----------|----------|-----------------------------------------|----------|
| 15       | 32152-4  | Nut - Lock                              | 2        |
| 16       | 69-7840  | Mount - Brake Arm                       | 1        |
| 17       | 32128-20 | Nut - Lock                              | 3        |
| 18       | 3234-14  | Screw - Cap Hex. Hd.                    | 3        |
| 19       | 49-6171  | Pad - Brake Pedal L.H.                  | 1        |
| *        | 49-6172  | Pad - Brake Pedal R.H.                  | 1        |
| 20       | 69-7700  | Pedal - Brake                           | 2        |
| 21       | 323-4    | Screw - Cap Hex. Hd.                    | 4        |
| 22       | 69-5670  | Cable - Brake                           | 2        |
| 23       | 69-7880  | Arm - Brake L.H.<br>(Incl. Ref. #1 & 3) | 1        |
| 24       | 283-1    | Pin - Clevis                            | 2        |
| 25       | 3290-307 | Pin - Cotter, Hair                      | 2        |
| 26       | 3249-11  | Screw - Machine                         | 2        |
| *        | 3290-378 | Tie - Cable                             | 3        |

\*Not Illustrated

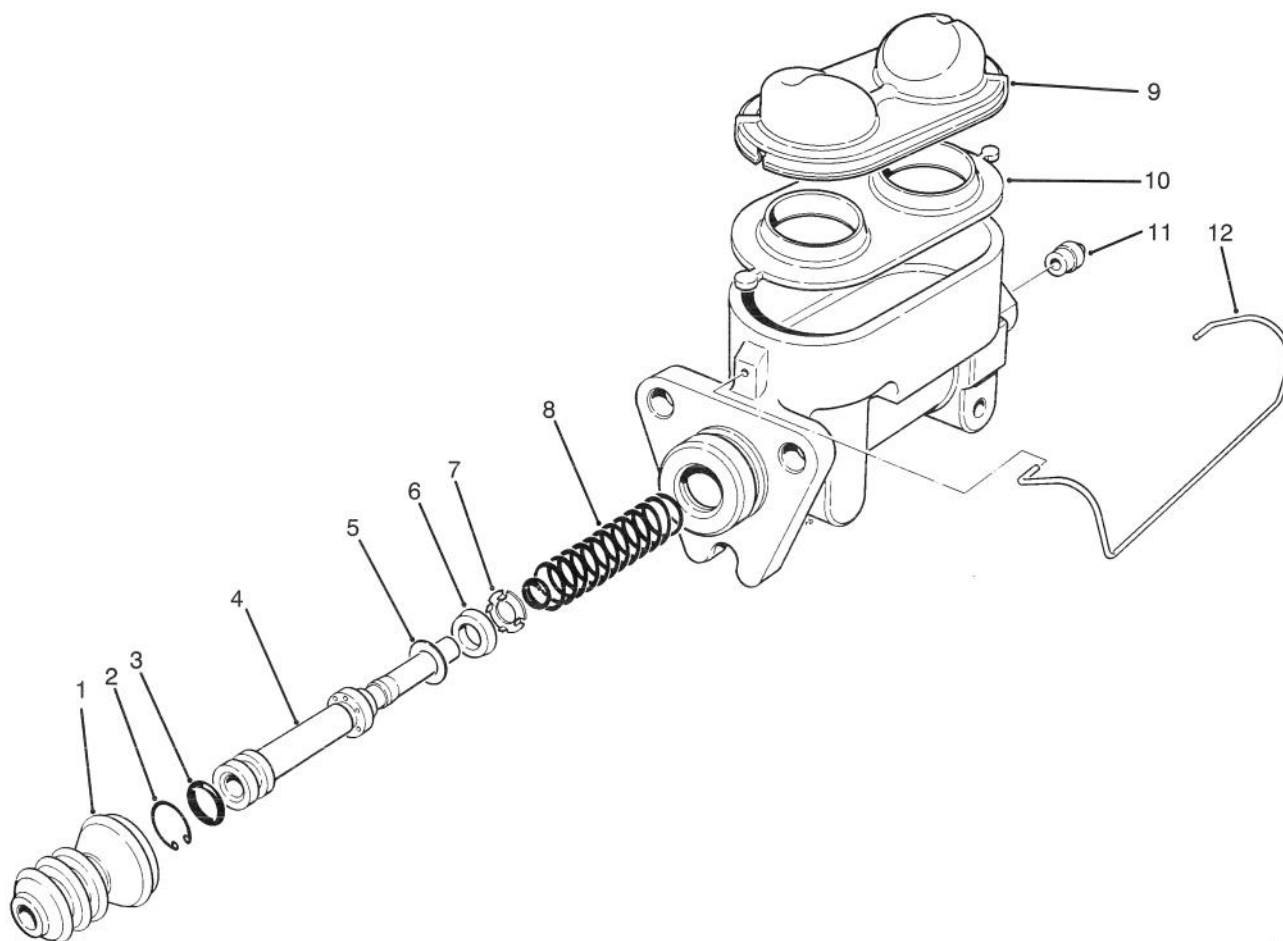


T-0341B

## SERVICE BRAKE ASSEMBLY

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 1        | 69-8750  | Arm - Brake              | 1        |
| 2        | 32152-1  | Nut - Lock               | 2        |
| 3        | 69-7700  | Pedal - Brake            | 1        |
| 4        | 49-6170  | Pad - Brake              | 1        |
| 5        | 322-3    | Screw - Cap Hex. Hd.     | 2        |
| 6        | 3272-12  | Pin - Cotter             | 1        |
| 7        | 323-7    | Screw - Cap Hex. Hd.     | 3        |
| 8        | 32128-21 | Nut - Lock               | 3        |
| 9        | 69-2640  | Master Cylinder Assembly | 1        |
| 10       | 353-994  | Adapter                  | 1        |
| 11       | 74-2530  | Tube - Hydraulic         | 1        |
| 12       | 218-243  | Fitting - Tee            | 1        |
| 13       | 74-2510  | Tube - Hydraulic L.H.    | 1        |
| 14       | 74-2520  | Tube - Hydraulic R.H.    | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 15       | 69-9340  | Rod - Brake             | 1        |
| 16       | 3272-10  | Pin - Cotter            | 1        |
| 17       | 3220-2   | Nut - Jam               | 1        |
| 18       | 282-2    | Clevis - Brake Rod      | 1        |
| 19       | 3234-13  | Screw - Hex. Washer Hd. | 2        |
| 20       | 32149-2  | Nut - Keps              | 2        |
| 21       | 93-7039  | Bracket - Service Brake | 1        |
| 22       | 93-7037  | Bracket - Lever, Switch | 1        |
| 23       | 21-1830  | Spring - Extension      | 1        |
| 24       | 283-1    | Pin - Clevis            | 1        |
| 25       | 218-242  | Switch - Brake          | 1        |
| 26       | 32144-1  | Screw - Hex. Hd.        | 2        |
| 27       | 32127-11 | Nut - Flexlok           | 2        |
| 28       | 93-7036  | Switch - Waterproof     | 1        |



T-0384

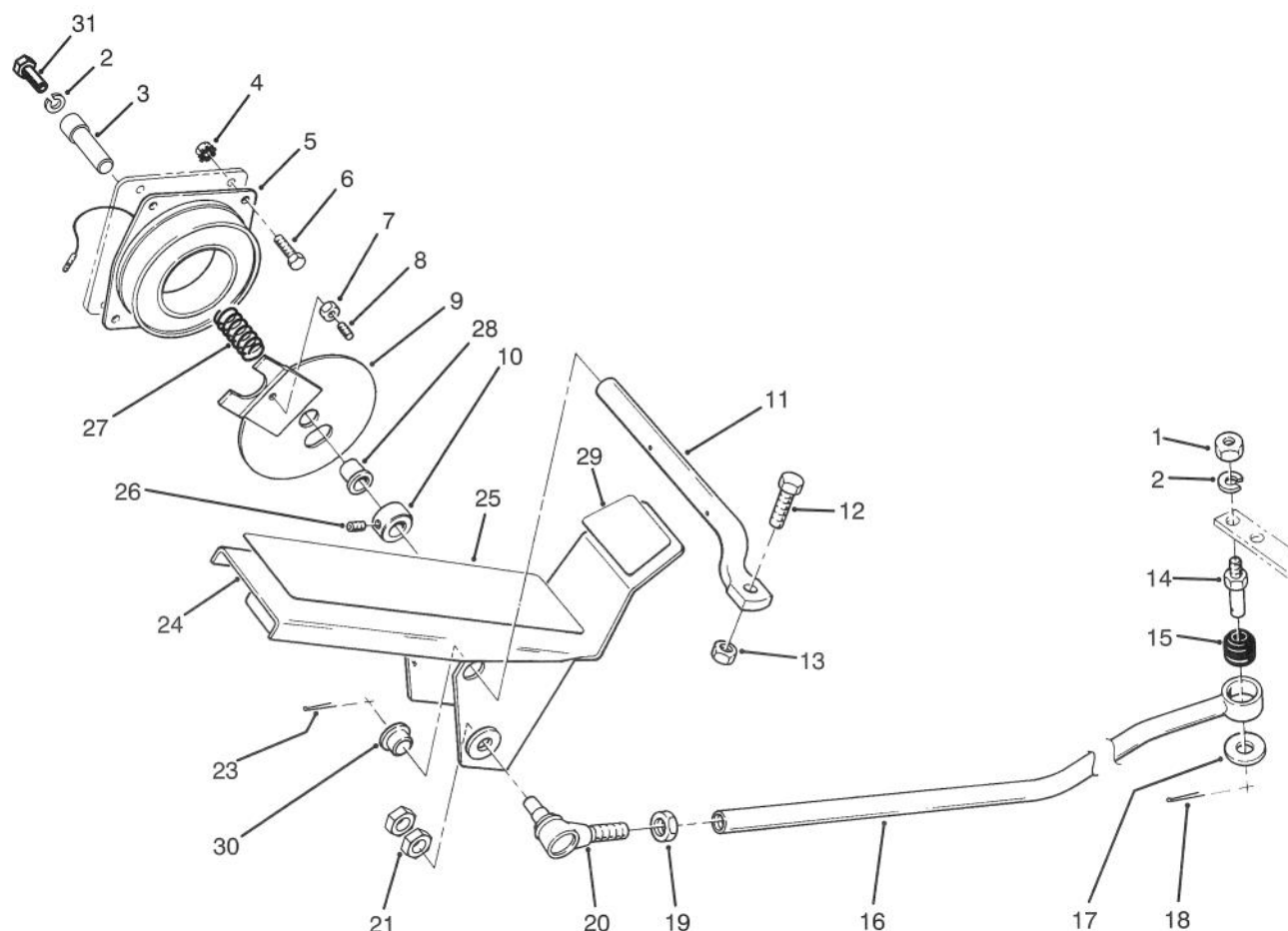
## BRAKE SYSTEM MASTER CYLINDER NO. 69-2640

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 1        | 69-2650  | Boot - Rod       | 1        |
| 2        | 69-2660  | Ring - Retaining | 1        |
| †3       |          | Seal - Lip       | 1        |
| †4       |          | Piston           | 1        |
| †5       |          | Protector - Cup  | 1        |
| †6       |          | Cup - Pumping    | 1        |
| †7       |          | Retainer - Cup   | 1        |

| Ref. No. | Part No. | Description                       | No. Used |
|----------|----------|-----------------------------------|----------|
| †8       |          | Spring - Piston Return            | 1        |
| 9        | 69-2750  | Cover - Reservoir                 | 1        |
| 10       | 69-2760  | Gasket - Diaphragm                | 1        |
| 11       | 69-2770  | Seat - Tube                       | 1        |
| 12       | 69-2740  | Bail - Cover                      | 1        |
| *        | 69-2730  | Piston Assembly (Incl. Ref. #3-8) | 1        |

\*Not Illustrated

†Not serviceable separately.

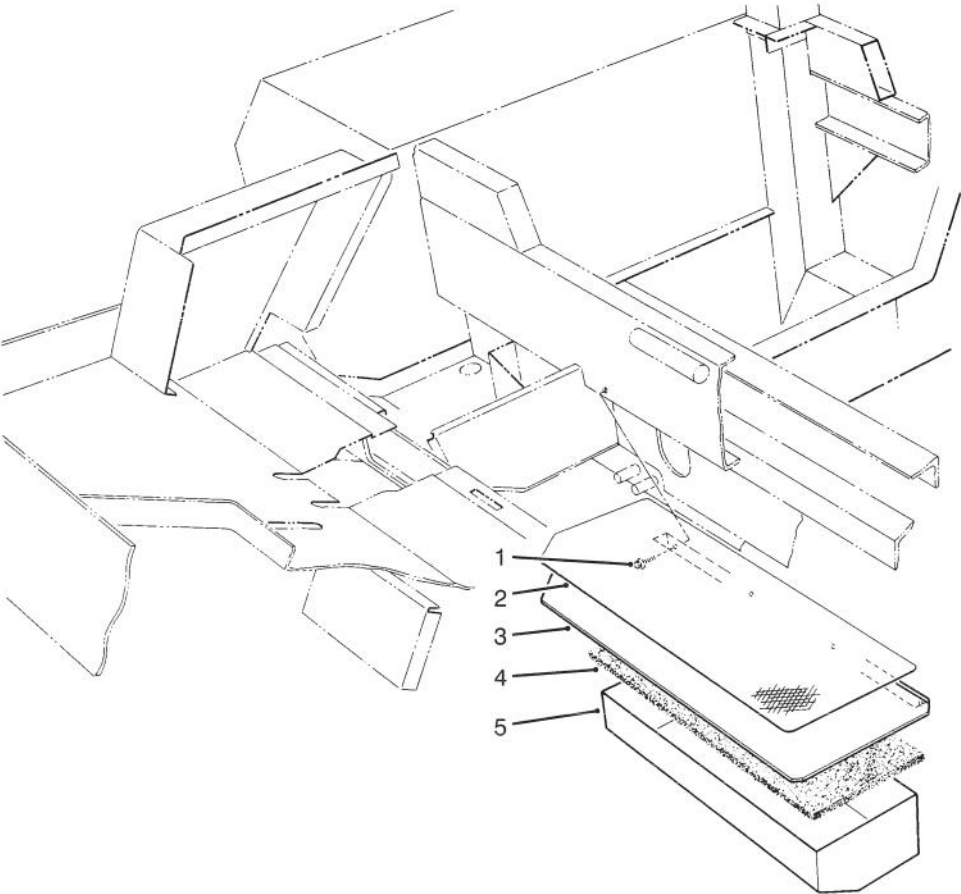


T-0351A

## TRACTION PEDAL & CRUISE CONTROL ASSEMBLY

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 1        | 3217-7   | Nut - Lock               | 1        |
| 2        | 3253-21  | Washer - Lock            | 2        |
| 3        | 92-9701  | Shaft - Cruise Control   | 1        |
| 4        | 32149-2  | Nut - Keps               | 4        |
| 5        | 42-1720  | Field Core Coil Assembly | 1        |
| 6        | 321-3    | Screw - Cap Hex. Hd.     | 4        |
| 7        | 3217-26  | Nut - Lock               | 1        |
| 8        | 3245-31  | Screw - Set              | 1        |
| 9        | 43-6110  | Plate - Clutch           | 1        |
| 10       | 43-6320  | Collar - Locking         | 1        |
| 11       | 69-9390  | Shaft - Pedal            | 1        |
| 12       | 3234-14  | Screw - Cap Hex. Hd.     | 1        |
| 13       | 32128-20 | Nut - Lock               | 1        |
| 14       | 69-9030  | Post - Neutral Device    | 1        |
| 15       | 23-2270  | Bushing - Rubber         | 1        |

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 16       | 74-2700  | Rod - Control          | 1        |
| 17       | 3256-6   | Washer - Flat          | 1        |
| 18       | 3272-10  | Pin - Cotter           | 1        |
| 19       | 3220-5   | Nut - Jam              | 1        |
| 20       | 21-0141  | Joint - Ball           | 1        |
| 21       | 3220-3   | Nut - Jam              | 2        |
| 23       | 3272-7   | Pin - Cotter           | 2        |
| 24       | 69-7650  | Pedal - Traction       | 1        |
| 25       | 71-0440  | Abrasive - Pedal Front | 1        |
| 26       | 3245-32  | Screw - Set            | 1        |
| 27       | 43-6200  | Spring - Compression   | 1        |
| 28       | 256-273  | Bushing - Flange       | 1        |
| 29       | 71-0450  | Abrasive - Pedal Rear  | 1        |
| 30       | 256-156  | Bushing - Flange       | 2        |
| 31       | 323-6    | Screw - Cap Hex. Hd.   | 1        |



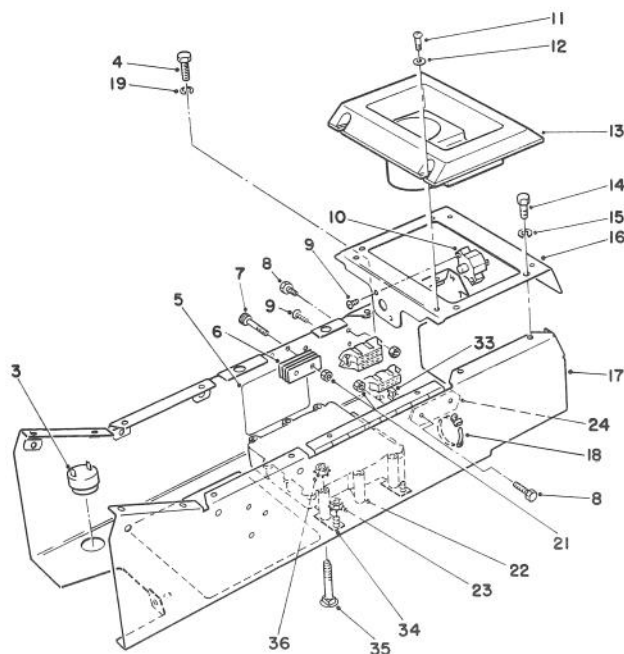
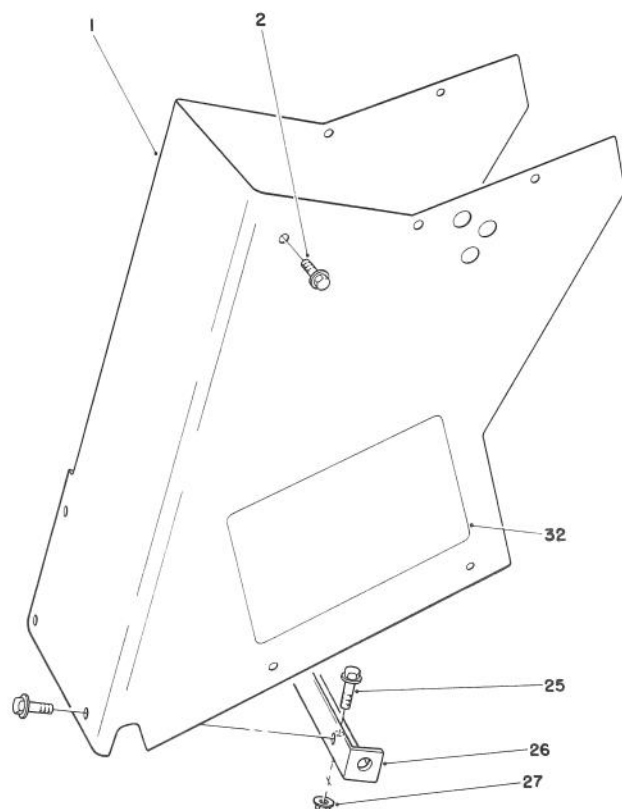
T-0876

**TOOL BOX ASSEMBLY**

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 1        | 69-8110  | Box - Tool       | 1        |
| 2        | 69-9430  | Foam - Tool Box  | 1        |
| 3        | 69-8080  | Cover - Tool Box | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 4        | 71-0410  | Cover - Abrasive        | 1        |
| 5        | 3234-14  | Screw - Hex. Flange Hd. | 4        |





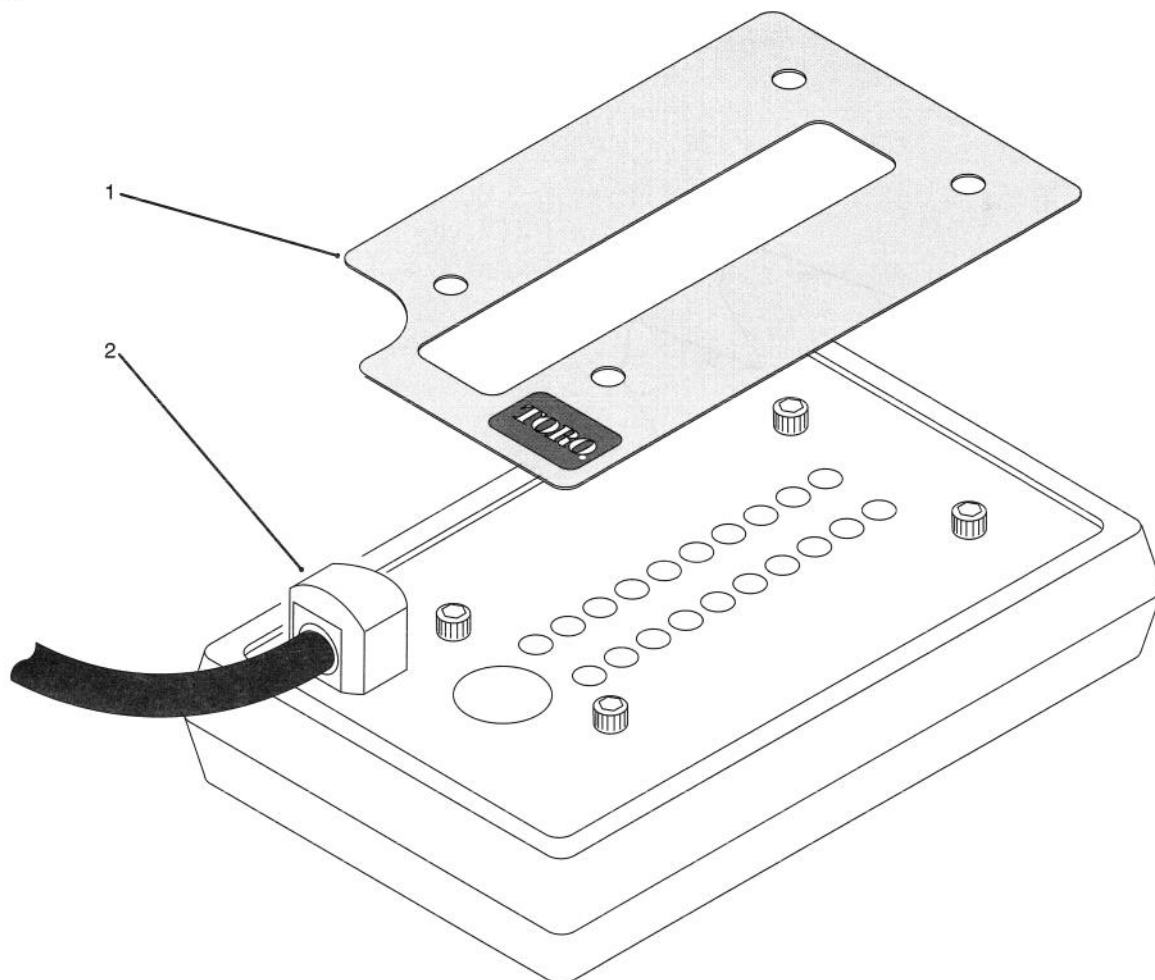
T-0340C

## CONTROL BOX ASSEMBLY

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 1        | 69-9560  | Housing - Control       | 1        |
| 2        | 3234-7   | Screw - Hex. Washer Hd. | 11       |
| 3        | 80-9330  | Alarm - Audio           | 1        |
| 4        | 323-4    | Screw - Cap Hex. Hd.    | 4        |
| 5        | 88-9430  | Decal - Fuse            | 1        |
| 6        | 69-6260  | Magnet                  | 1        |
| 7        | 32105-12 | Screw - Hex. Socket Hd. | 2        |
| 8        | 32105-13 | Screw - Hex. Hd.        | 4        |
| 9        | 32122-53 | Screw - Phil. Truss Hd. | 2        |
| 10       | 43-4000  | Breaker - Circuit 40A   | 1        |
| 11       | 3290-133 | Screw - Round Hd.       | 4        |
| 12       | 3256-22  | Washer - Flat           | 4        |
| 13       | 69-7040  | Holder - Cup            | 1        |
| 14       | 321-3    | Screw - Cap Hex. Hd.    | 4        |
| 15       | 3253-3   | Washer - Lock           | 4        |
| 16       | 71-2430  | Plate - Rear            | 1        |
| 17       | 71-4130  | Support - Control       | 1        |
| 18       | 3290-378 | Tie - Cable             | 2        |

| Ref. No. | Part No. | Description                               | No. Used |
|----------|----------|-------------------------------------------|----------|
| 19       | 3253-21  | Washer - Lock                             | 4        |
| 21       | 3296-2   | Nut - Lock                                | 6        |
| 22       | 92-5720  | Controller                                | 1        |
| 23       | 32149-7  | Nut - Keps                                | 3        |
| 24       | 67-7160  | Block - Fuse                              | 4        |
| 25       | 3234-14  | Screw - Cap Hex. Hd.                      | 2        |
| 26       | 69-8210  | Support - Cover                           | 1        |
| 27       | 32128-20 | Nut - Flange Lock                         | 2        |
| 32       | 80-4890  | Decal - Service                           | 1        |
| 33       | 218-581  | Fuse - 15A                                | 6        |
| 34       | 92-8661  | Tab                                       | 3        |
| 35       | 3229-8   | Bolt - Carriage                           | 3        |
| 36       | 32149-2  | Nut - Keps                                | 3        |
| *        | 88-9420  | Wire Harness Assembly<br>(Incl. Ref. #24) | 1        |
| *        | 218-573  | Fuse - 5A                                 | 1        |
| *        | 3290-378 | Tie - Cable                               | 25       |

\*Not Illustrated

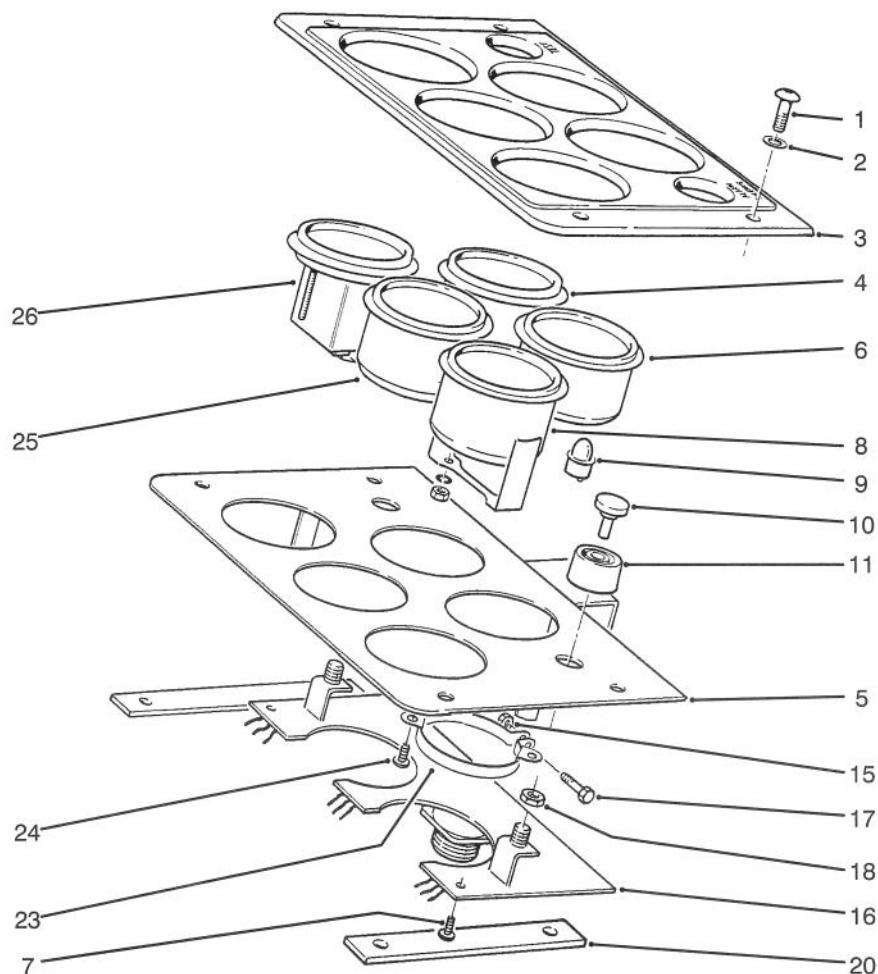


T-1458

## DIAGNOSTIC DISPLAY ASSEMBLY

| Ref. No. | Part No. | Description                        | No. Used |
|----------|----------|------------------------------------|----------|
| 1        | 92-4087  | Decal – Diagnostic V2.0<br>GM 580D | 1        |

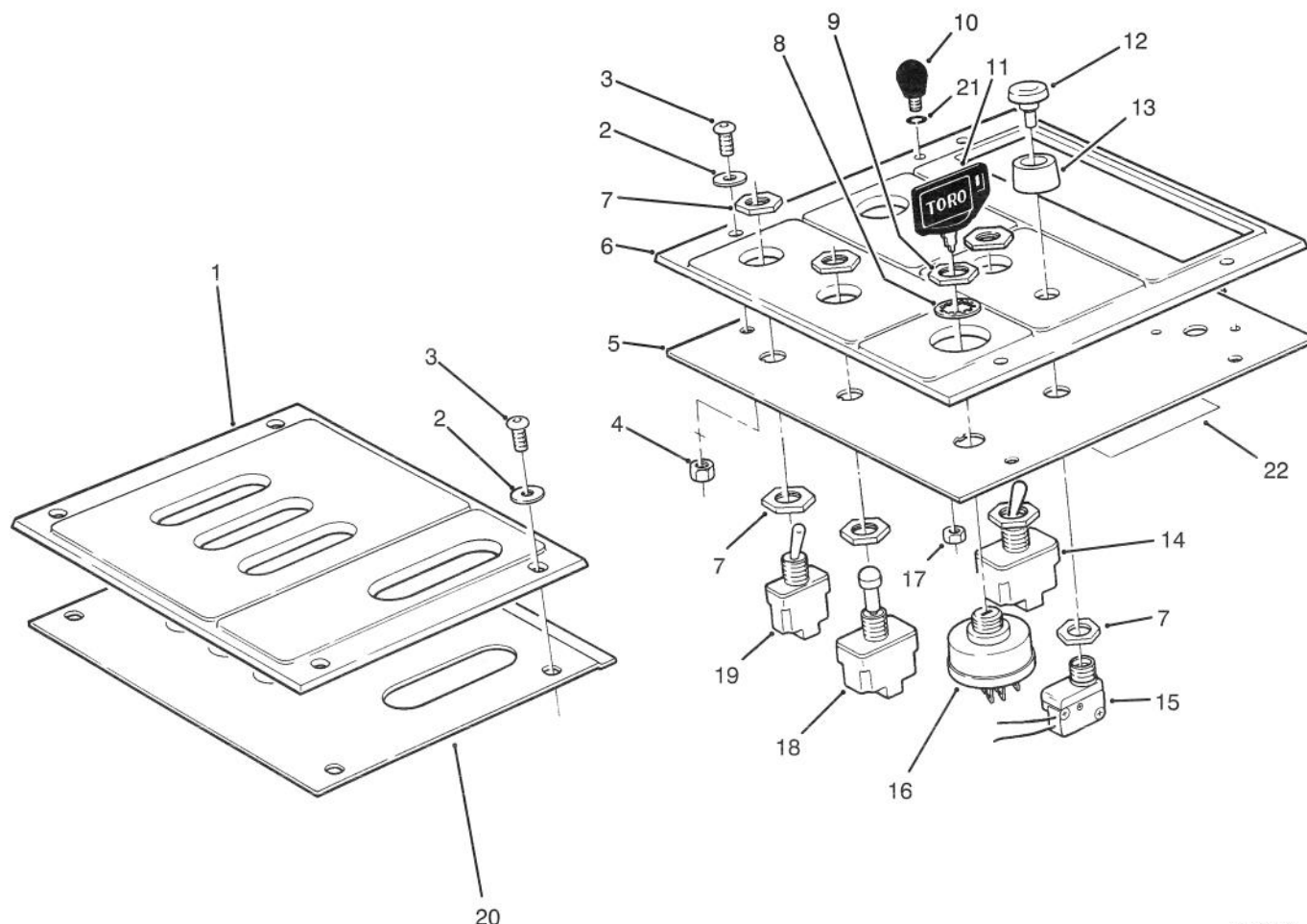
| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 2        | 85-4750  | Display – Diagnostic | 1        |



T-1448

## UPPER CONTROL PANEL ASSEMBLY

| Ref. No. | Part No. | Description             | No. Used | Ref. No. | Part No. | Description          | No. Used |
|----------|----------|-------------------------|----------|----------|----------|----------------------|----------|
| 1        | 3290-133 | Screw - Round Hd.       | 4        | 11       | 43-6420  | Bezel                | 2        |
| 2        | 3256-23  | Washer                  | 4        | 15       | 3296-2   | Nut - Lock           | 2        |
| 3        | 71-4230  | Panel                   | 1        | 16       | 92-1771  | Board - Instrument   | 1        |
| 4        | 71-4210  | Cluster - Warning Light | 1        | 17       | 32105-1  | Screw - Cap Hex. Hd. | 2        |
| 5        | 86-7410  | Plate - Gage            | 1        | 18       | 218-498  | Nut                  | 2        |
| 6        | 71-4200  | Cluster - Warning Light | 1        | 20       | 71-4250  | Spacer               | 2        |
| 7        | 32104-16 | Screw - Tapping         | 4        | 23       | 69-4780  | Clamp - Gauge        | 2        |
| 8        | 63-7430  | Gauge - Temperature     | 1        | 24       | 32144-19 | Screw - Round Hd.    | 4        |
| 9        | 219-17   | Bulb - Light            | 8        | 25       | 66-2940  | Gauge - Fuel         | 1        |
| 10       | 43-6280  | Button                  | 2        | 26       | 66-2950  | Hourmeter            | 1        |



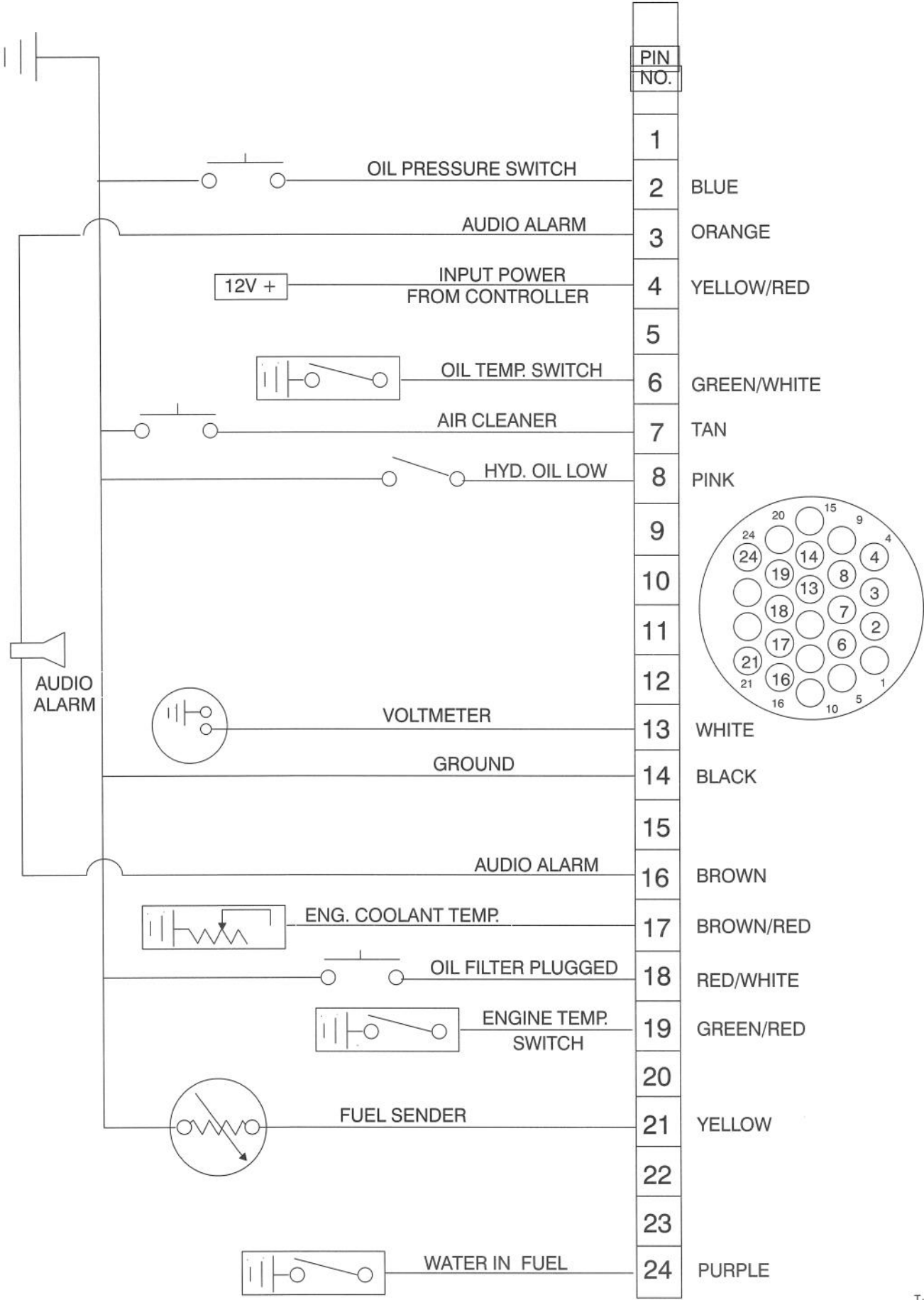
T-0371A

## LOWER CONTROL PANEL ASSEMBLY

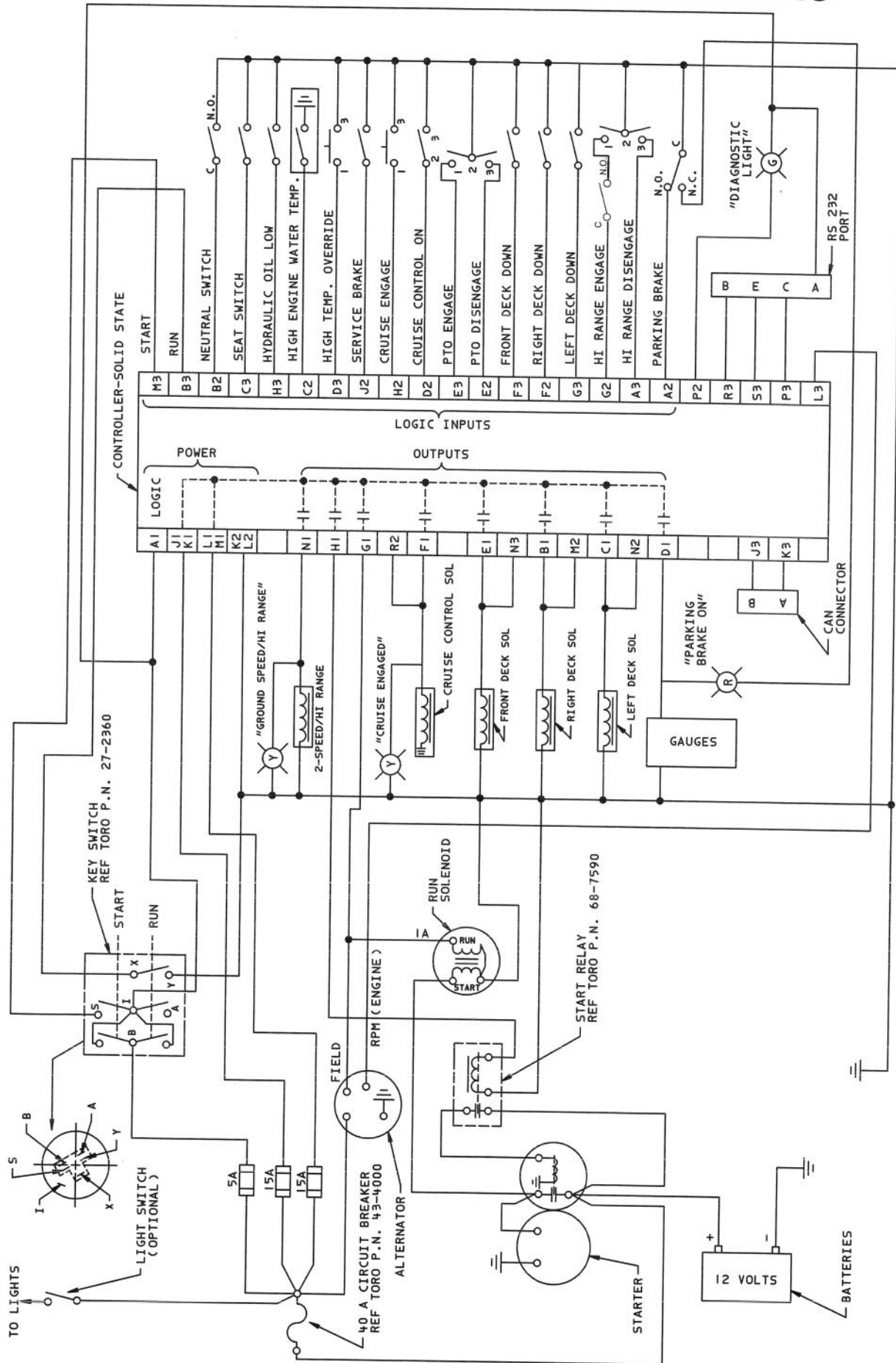
| Ref. No. | Part No. | Description                        | No. Used |
|----------|----------|------------------------------------|----------|
| 1        | 69-0980  | Panel - Lever                      | 1        |
| 2        | 3256-22  | Washer - Flat                      | 8        |
| 3        | 3290-133 | Screw - Round Hd.                  | 8        |
| 4        | 3296-42  | Nut - Lock                         | 4        |
| 5        | 71-2460  | Plate - Control                    | 1        |
| 6        | 69-0990  | Panel - Control                    | 1        |
| 7        | 218-498  | Nut - Hex                          | 10       |
| 8        | 218-447  | Washer - Lock                      | 1        |
| 9        | 218-446  | Nut - Hex                          | 1        |
| 10       | 233-66   | Knob                               | 1        |
| 11       | 63-8360  | Key - Ignition                     | 1        |
| 12       | 43-6280  | Button                             | 2        |
| 13       | 43-6420  | Bezel                              | 2        |
| 14       | 69-9740  | Switch - Toggle<br>(Incl. Ref. #7) | 1        |

| Ref. No. | Part No. | Description                              | No. Used |
|----------|----------|------------------------------------------|----------|
| 15       | 72-9760  | Switch<br>(Incl. Ref. #7, 12 & 13)       | 2        |
| 16       | 27-2360  | Switch - Ignition<br>(Incl. Ref. #8 & 9) | 1        |
| 17       | 3290-392 | Nut - Lock                               | 1        |
| 18       | 69-9730  | Switch - Toggle<br>(Incl. Ref. #7)       | 1        |
| 19       | 71-4170  | Switch - Toggle<br>(Incl. Ref. #7)       | 1        |
| 20       | 69-9310  | Plate - Lever                            | 1        |
| 21       | 3253-15  | Washer - Lock                            | A/R      |
| 22       | 74-2340  | Decal - Fuse                             | 1        |

ELECTRICAL SCHEMATIC

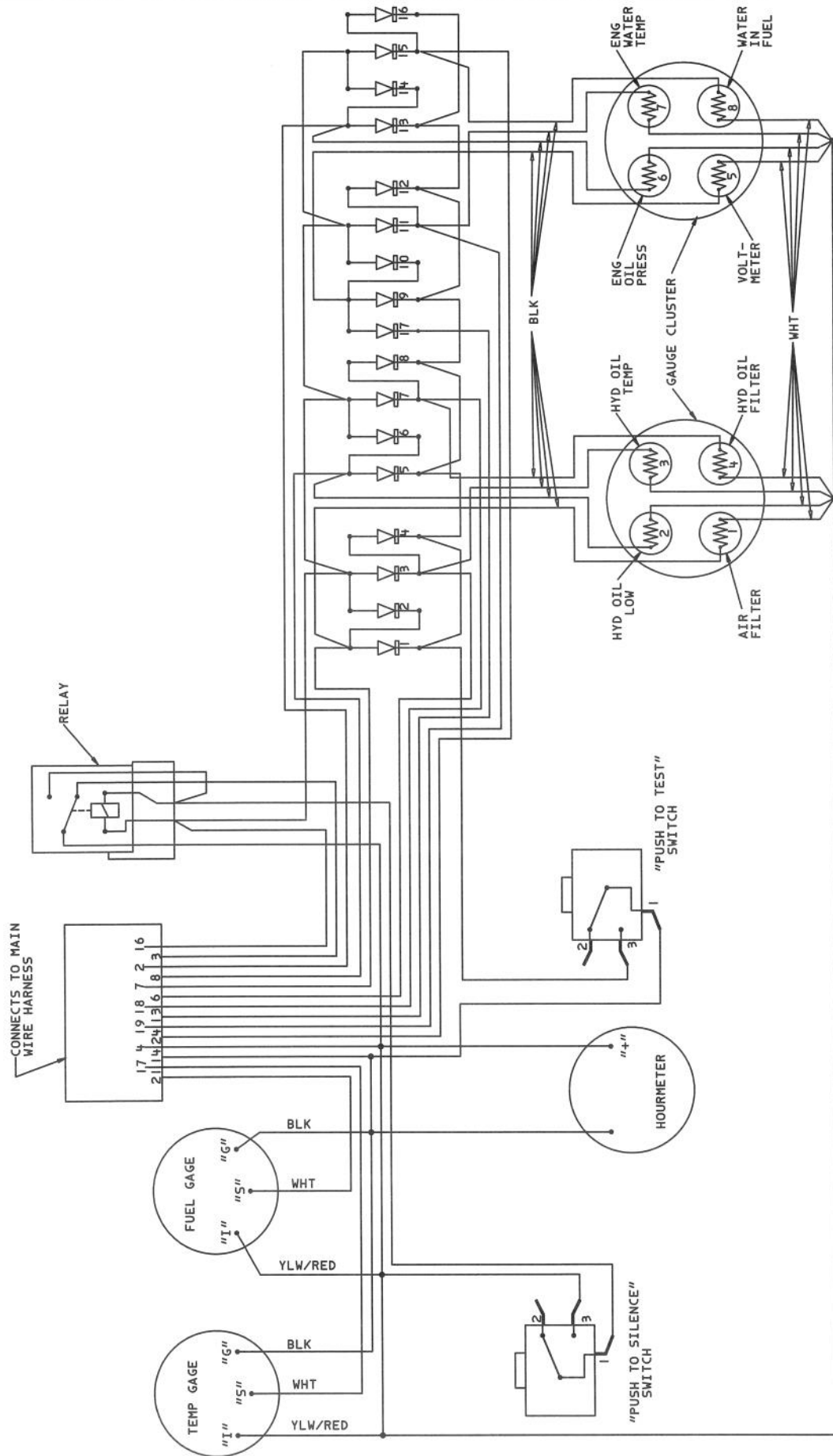


# CONTROLLER ELECTRICAL SCHEMATIC

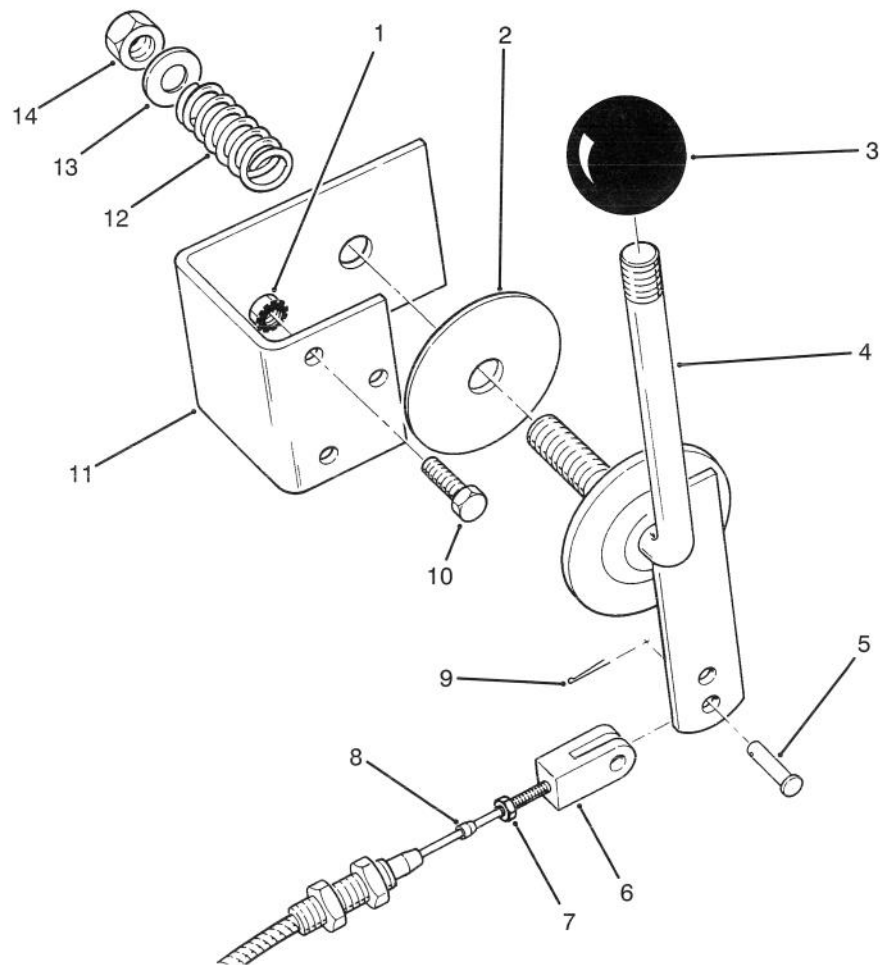


CONNECTION DIAGRAM

# OPERATORS CONTROL PANEL ELECTRICAL SCHEMATIC







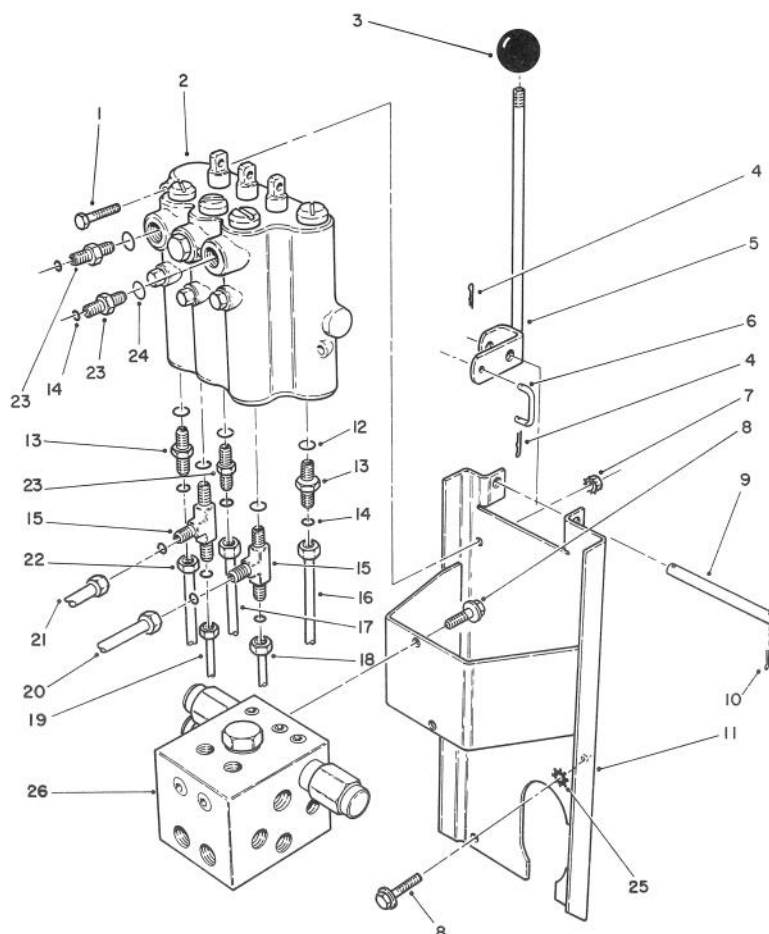
T-0352A

## THROTTLE ASSEMBLY

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 1        | 3296-42  | Nut - Keps              | 3        |
| 2        | 3-2858   | Disc - Friction         | 1        |
| 3        | 233-48   | Knob                    | 1        |
| 4        | 69-8040  | Arm - Throttle          | 1        |
| 5        | 283-67   | Pin - Clevis Arm End    | 1        |
| *        | 69-0090  | Pin - Clevis Engine End | 1        |
| 6        | 282-28   | Clevis - Adjustable     | 2        |
| 7        | 3219-14  | Nut - Hex.              | 2        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 8        | 77-2990  | Cable - Throttle     | 1        |
| 9        | 3272-1   | Pin - Cotter         | 3        |
| 10       | 321-3    | Screw - Cap Hex. Hd. | 3        |
| 11       | 69-9130  | Bracket - Throttle   | 1        |
| 12       | 3-8596   | Spring - Compression | 1        |
| 13       | 3256-26  | Washer - Flat        | 1        |
| 14       | 3296-23  | Nut - Lock           | 1        |

\*Not Illustrated

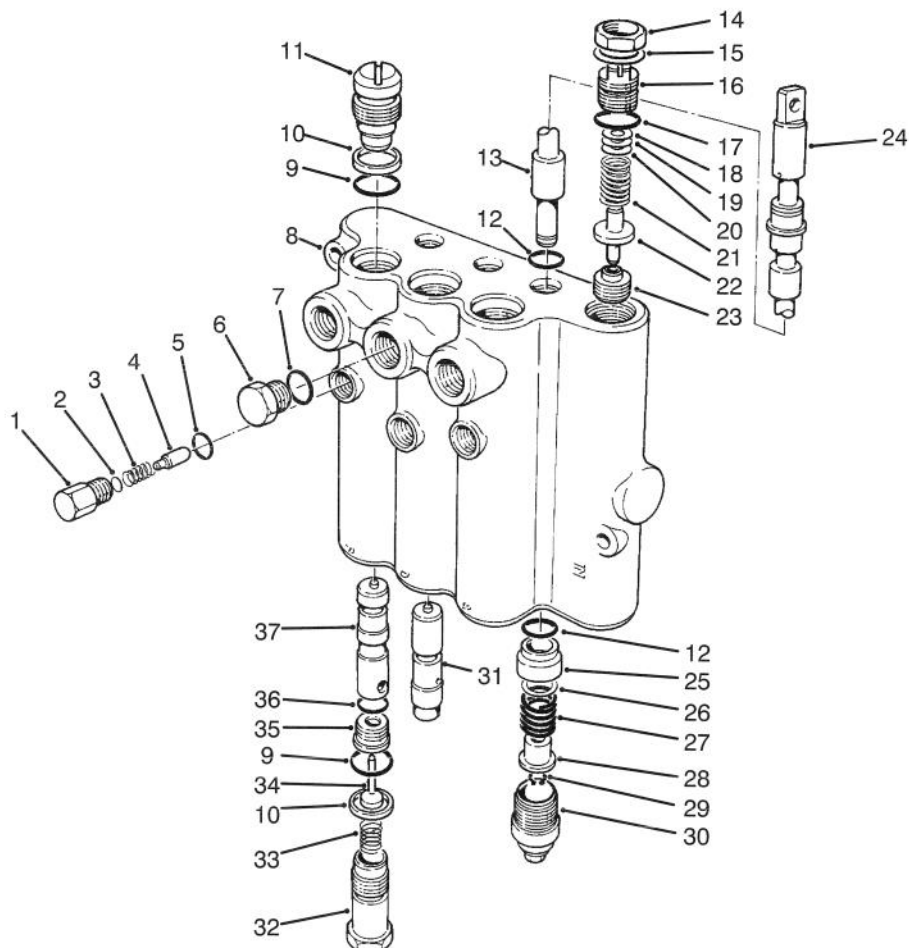


T-0355

## LIFT VALVE INSTALLATION ASSEMBLY

| Ref. No. | Part No. | Description                                           | No. Used | Ref. No. | Part No. | Description                                           | No. Used |
|----------|----------|-------------------------------------------------------|----------|----------|----------|-------------------------------------------------------|----------|
| 1        | 321-10   | Screw - Cap Hex. Hd.                                  | 2        | 14       | 237-22   | Seal - O-Ring                                         | 9        |
| 2        | 69-1780  | Lift Valve Assembly                                   | 1        | 15       | 340-86   | Fitting - Hydraulic Tee<br>(Incl. Ref. #14 & 24)      | 2        |
| 3        | 233-42   | Knob                                                  | 3        | 16       | 69-5860  | Tube - Hydraulic                                      | 1        |
| 4        | 3272-1   | Pin - Cotter                                          | 6        | 17       | 69-5720  | Tube - Hydraulic                                      | 1        |
| 5        | 69-7010  | Lever - Valve L.H.                                    | 1        | 18       | 69-5700  | Tube - Hydraulic                                      | 1        |
| *        | 69-6990  | Lever - Valve Mid.                                    | 1        | 19       | 69-5740  | Tube - Hydraulic                                      | 1        |
| *        | 69-7000  | Lever - Valve R.H.                                    | 1        | 20       | 69-5680  | Tube - Hydraulic                                      | 1        |
| 6        | 69-9140  | Link - Valve Lever                                    | 3        | 21       | 69-5890  | Tube - Hydraulic                                      | 1        |
| 7        | 32149-2  | Nut - Keps                                            | 2        | 22       | 69-5870  | Tube - Hydraulic                                      | 1        |
| 8        | 6234-14  | Screw - Hex. Flange Hd.                               | 6        | 23       | 340-2    | Fitting - Hydraulic Straight<br>(Incl. Ref. #14 & 24) | 3        |
| 9        | 69-9150  | Shaft - Valve Lever                                   | 1        | 24       | 237-42   | Seal - O-Ring                                         | 5        |
| 10       | 3272-6   | Pin - Cotter                                          | 2        | 25       | 3254-6   | Washer - Lock                                         | 1        |
| 11       | 69-7810  | Bracket - Valve                                       | 1        | 26       | 69-4060  | Counterbalance Manifold<br>Assembly                   | 1        |
| 12       | 237-79   | Seal - O-Ring                                         | 2        |          |          |                                                       |          |
| 13       | 340-3    | Fitting - Hydraulic Straight<br>(Incl. Ref. #12 & 14) | 2        |          |          |                                                       |          |

\*Not Illustrated



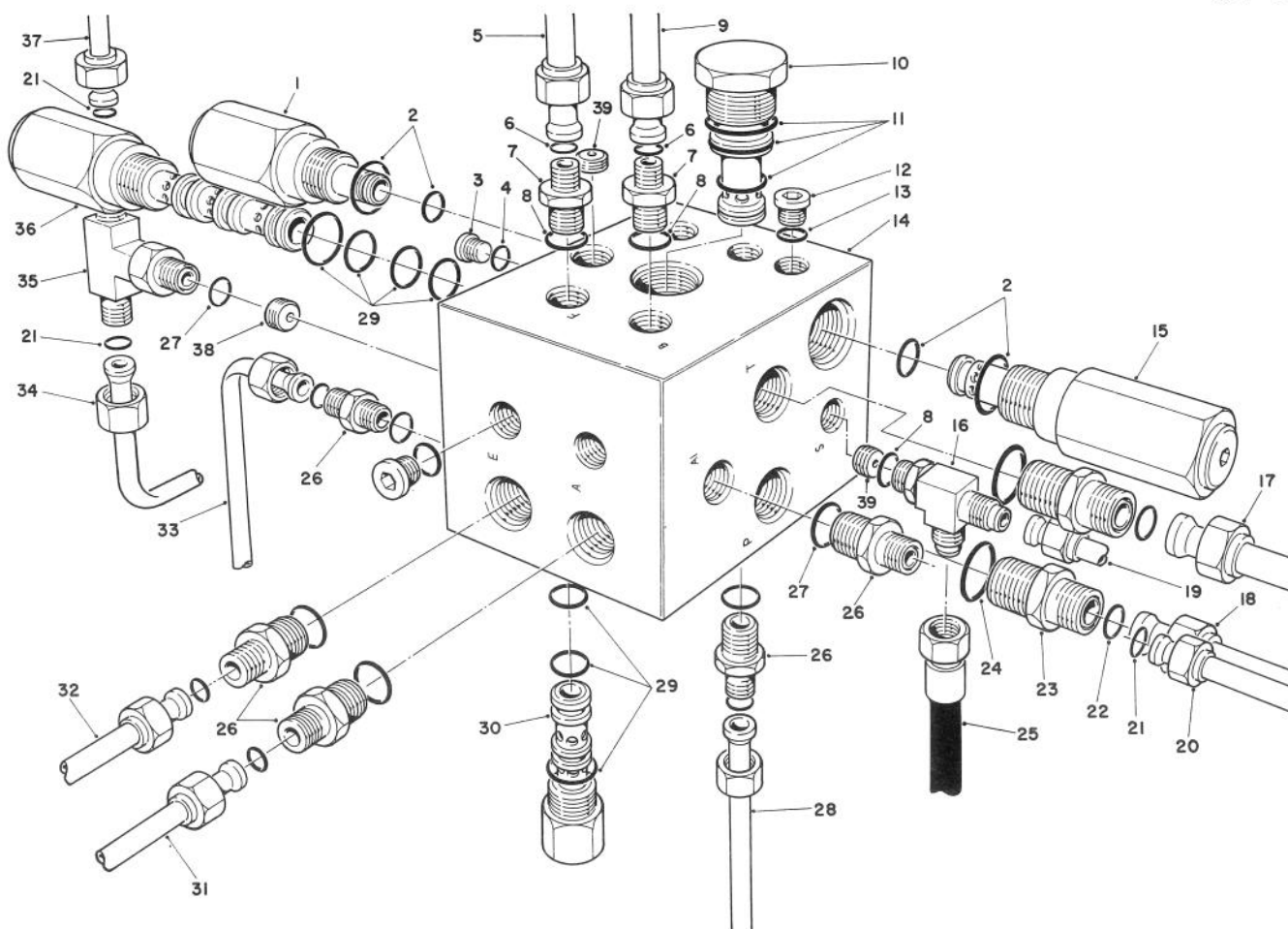
## LIFT VALVE ASSEMBLY NO. 69-1780

T-0379

| Ref. No. | Part No. | Description                             | No. Used | Ref. No. | Part No. | Description                                                  | No. Used |
|----------|----------|-----------------------------------------|----------|----------|----------|--------------------------------------------------------------|----------|
| 1        | 58-6780  | Plug Assy. (Incl. Ref. #5)              | 3        | 21       | 69-1820  | Spring - Black                                               | 1        |
| 2        | 60-6450  | Disc                                    | A/R      | 22       | 58-6440  | Poppet                                                       | 1        |
| 3        | 58-6760  | Spring                                  | 3        | †23      |          | Seat                                                         | 1        |
| 4        | 58-6770  | Plunger - Detent                        | 3        | 24       | 58-6320  | Wiper - Seal                                                 | 3        |
| 5        | 58-6790  | Seal - O-Ring                           | 3        | 25       | 58-6400  | Bushing                                                      | 3        |
| 6        | 58-6710  | Plug Assy. (Incl. Ref. #7)              | 1        | 26       | 58-6700  | Washer                                                       | 3        |
| 7        | 58-6720  | Seal - O-Ring                           | 1        | 27       | 58-6730  | Spring                                                       | 3        |
| †8       |          | Body                                    | 1        | 28       | 58-6310  | Spacer                                                       | 3        |
| 9        | 60-5720  | Seal - O-Ring                           | 6        | 29       | 58-6460  | Ring - Retaining                                             | 3        |
| 10       | 58-6370  | Washer - Back-Up                        | 6        | 30       | 58-6420  | Cap Assembly                                                 | 3        |
| 11       | 58-6350  | Plug Assembly (Incl. Ref. #9-10)        | 3        | 31       | 69-1840  | Plunger                                                      | 1        |
| 12       | 58-6450  | Seal - O-Ring                           | 6        | 32       | 69-1800  | Plug Assembly (Incl. Ref. #9-10)                             | 3        |
| †13      |          | Spool                                   | 3        | 33       | 69-1810  | Spring                                                       | 3        |
| 14       |          | Nut - Lock                              | 1        | 34       | 58-6290  | Poppet Assembly                                              | 3        |
| 15       |          | Washer                                  | 1        | 35       | 58-6330  | Seat Assy. (Incl. Ref. #36)                                  | 3        |
| 16       | 69-1830  | Plug Assembly (Incl. Ref. #14, 15 & 17) | 1        | 36       | 58-6340  | Seal - O-Ring                                                | 3        |
| 17       | 58-6750  | Seal - O-Ring                           | 1        | 37       | 69-1790  | Plunger                                                      | 2        |
| 18       | 58-6470  | Washer                                  | A/R      | *        | 60-3780  | Seal Kit (Incl. Ref. #5, 7, 9, 10, 12, 17, 24, 29, 34, & 36) |          |
| 19       | 58-6480  | Washer                                  | A/R      |          |          |                                                              |          |
| 20       | 58-6490  | Washer                                  | A/R      |          |          |                                                              |          |

\*Not Illustrated

†Not Serviceable Separately



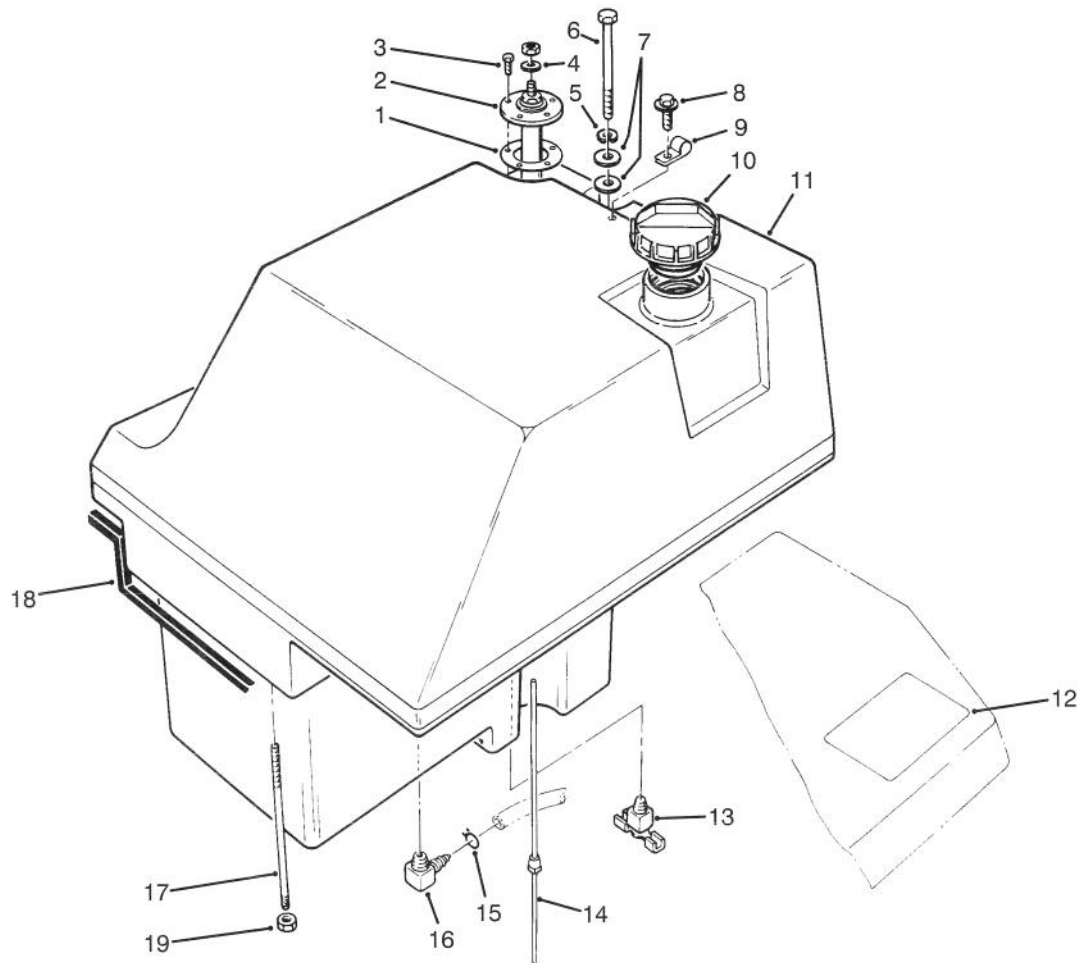
T-0356A

## COUNTERBALANCE MANIFOLD ASSEMBLY

| Ref. No. | Part No. | Description                                      | No. Used |
|----------|----------|--------------------------------------------------|----------|
| 1        | 69-4080  | Valve - Hydraulic Cartridge (Incl. Ref. #2)      | 1        |
| 2        | 75-2080  | Kit - Seal                                       | 2        |
| 3        | 353-990  | Plug - Hose (Incl. Ref. #4)                      | 2        |
| 4        | 237-78   | Seal - O-Ring                                    | 2        |
| 5        | 69-5890  | Tube - Hydraulic                                 | 1        |
| 6        | 237-21   | Seal - O-Ring                                    | 2        |
| 7        | 340-92   | Fitting - Hydraulic Straight (Incl. Ref. #6 & 8) | 2        |
| 8        | 237-78   | Seal - O-Ring                                    | 3        |
| 9        | 69-5680  | Tube - Hydraulic                                 | 1        |
| 10       | 69-4120  | Valve - Hydraulic Cartridge (Incl. Ref. #11)     | 1        |
| 11       | 69-4240  | Kit - Seal                                       | 1        |
| 12       | 353-991  | Plug - Hole (Incl. Ref. #13)                     | 8        |
| 13       | 237-156  | Seal - O-Ring                                    | 8        |
| 14       | 69-4070  | Manifold - Counter Balance                       | 1        |
| 15       | 69-4100  | Valve - Hydraulic Cartridge (Incl. Ref. #2)      | 1        |
| 16       | 353-566  | Tee - Hydraulic (Incl. Ref. #8)                  | 1        |
| 17       | 92-4967  | Tube - Hydraulic                                 | 1        |
| 18       | 69-5850  | Tube - Hydraulic                                 | 1        |
| 19       | 69-5910  | Tube - Hydraulic                                 | 1        |
| 20       | 69-5710  | Tube - Hydraulic                                 | 1        |
| 21       | 237-22   | Seal - O-Ring                                    | 7        |

| Ref. No. | Part No. | Description                                                   | No. Used |
|----------|----------|---------------------------------------------------------------|----------|
| 22       | 237-30   | Seal - O-Ring                                                 | 2        |
| 23       | 340-4    | Fitting - Hydraulic Straight (Incl. Ref. #22 & 24)            | 2        |
| 24       | 237-79   | Seal - O-Ring                                                 | 2        |
| 25       | 93-7192  | Hose - Hydraulic Diagnostic                                   | 1        |
| 26       | 340-2    | Fitting - Hydraulic Straight (Incl. Ref. #21 & 27)            | 5        |
| 27       | 237-42   | Seal - O-Ring                                                 | 6        |
| 28       | 69-5870  | Tube - Hydraulic                                              | 1        |
| 29       | 69-4250  | Kit - Seal                                                    | 3        |
| 30       | 69-4110  | Valve - Hydraulic Cartridge (Incl. Ref. #29)                  | 2        |
| 31       | 69-5820  | Tube - Hydraulic                                              | 1        |
| 32       | 69-5830  | Tube - Hydraulic                                              | 1        |
| 33       | 69-5730  | Tube - Hydraulic                                              | 1        |
| 34       | 69-5860  | Tube - Hydraulic                                              | 1        |
| 35       | 340-94   | Tee - Hydraulic (Incl. Ref. #21 & 27)                         | 1        |
| 36       | 69-4090  | Valve - Hydraulic Cartridge (Incl. Ref. #29)                  | 1        |
| 37       | 69-5920  | Tube - Hydraulic                                              | 1        |
| *        | 69-4060  | Counterbalance Manifold (Incl. Ref. #1-4, 10-15, 29, 30 & 36) | 1        |
| 38       | 69-4140  | Plug - Orifice .120                                           | 1        |
| 39       | 69-4130  | Plug - Orifice .047                                           | 2        |

\*Not Illustrated

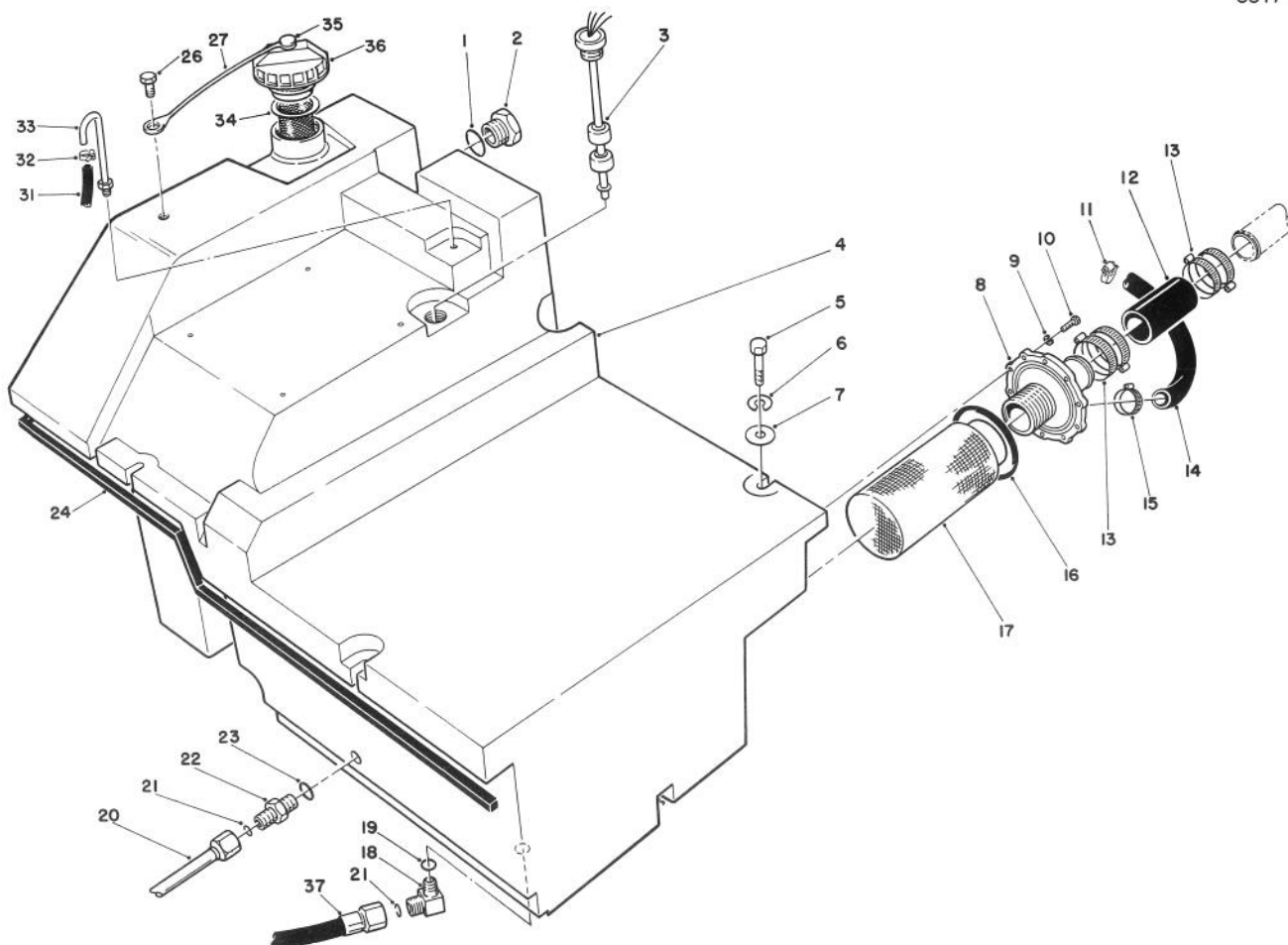


T-0353A

## FUEL TANK ASSEMBLY

| Ref. No. | Part No. | Description                 | No. Used |
|----------|----------|-----------------------------|----------|
| 1        | 62-7650  | Gasket - Level Sensing Unit | 1        |
| 2        | 70-6990  | Level Sensing Unit Assembly | 1        |
| 3        | 32140-40 | Screw - Cap Hex. Hd.        | 5        |
| 4        | 5-3637   | Spacer - Terminal           | 1        |
| 5        | 3253-21  | Washer - Lock               | 2        |
| 6        | 323-21   | Screw - Cap Hex. Hd.        | 1        |
| 7        | 3256-5   | Washer - Flat               | 2        |
| 8        | 3234-13  | Screw - Hex. Washer Hd.     | 1        |
| 9        | 2412-89  | Clamp - R                   | 1        |
| 10       | 93-3102  | Cap - Fuel                  | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 11       | 80-0010  | Tank - Fuel             | 1        |
| 12       | 69-0930  | Decal - Warning         | 1        |
| 13       | 304-46   | Drain - Fuel Tank       | 1        |
| 14       | 69-7200  | Tube - Vent             | 1        |
| 15       | 2412-6   | Clamp - Hose            | 1        |
| 16       | 353-536  | Fitting - Fuel 90 Elbow | 1        |
| 17       | 72-9550  | Stud - Fuel Tank        | 1        |
| 18       | 68-7572  | Strip - Sealing         | 1        |
| 19       | 3217-7   | Nut - Hex.              | 1        |

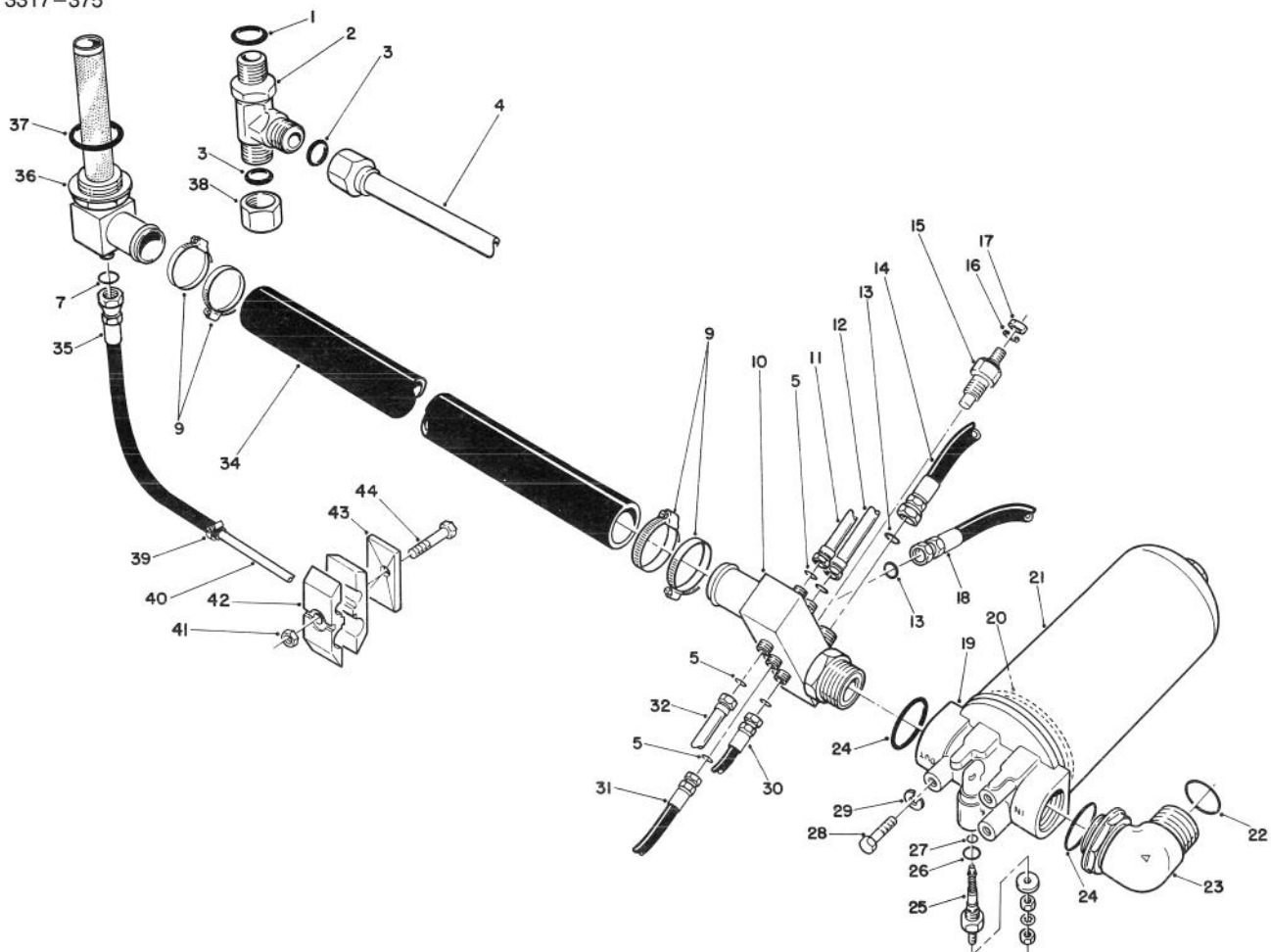


T-0354A

## HYDRAULIC TANK ASSEMBLY

| Ref. No. | Part No. | Description                      | No. Used |
|----------|----------|----------------------------------|----------|
| 1        | 237-81   | Seal - O-Ring                    | 1        |
| 2        | 69-1170  | Gauge - Sight<br>(Incl. Ref. #1) | 1        |
| 3        | 85-6260  | Level Sensing Unit               | 1        |
| 4        | 77-5390  | Tank - Hydraulic                 | 1        |
| 5        | 323-10   | Screw - Cap Hex. Hd.             | 4        |
| 6        | 3253-21  | Washer - Lock                    | 4        |
| 7        | 5-3177   | Washer - Flat                    | 4        |
| 8        | 69-1610  | Adapter - Suction Hose           | 1        |
| 9        | 3253-3   | Washer - Lock                    | 10       |
| 10       | 321-5    | Screw - Cap Hex. Hd.             | 10       |
| 11       | 2412-34  | Clamp - Hose                     | 1        |
| 12       | 69-5640  | Hose - Suction                   | 1        |
| 13       | 2412-42  | Clamp - Hose                     | 4        |
| 14       | 69-5370  | Hose - Auxiliary Suction         | 1        |
| 15       | 2412-3   | Clamp - Hose                     | 1        |
| 16       | 237-157  | Seal - O-Ring                    | 1        |
| 17       | 69-1650  | Screen - Suction                 | 1        |

| Ref. No. | Part No. | Description                                           | No. Used |
|----------|----------|-------------------------------------------------------|----------|
| 18       | 340-130  | Fitting - Hydraulic 90°<br>(Incl. Ref. #19 & 21)      | 1        |
| 19       | 237-80   | Seal - O-Ring                                         | 3        |
| 20       | 69-5800  | Tube - Hydraulic                                      | 1        |
| 21       | 237-22   | Seal - O-Ring                                         | 2        |
| 22       | 340-3    | Fitting - Hydraulic Straight<br>(Incl. Ref. #21 & 23) | 1        |
| 23       | 237-79   | Seal - O-Ring                                         | 1        |
| 24       | 68-7571  | Strip - Sealing                                       | 1        |
| 26       | 321-2    | Screw - Cap, Hex. Hd.                                 | 1        |
| 27       | 75-0540  | Tether - Cap, Reservoir                               | 1        |
| 31       | 71-2680  | Hose - Vent                                           | 1        |
| 32       | 2412-108 | Clamp - Hose                                          | 2        |
| 33       | 69-4280  | Tube - Hydraulic Vent                                 | 1        |
| 34       | 61-2790  | Filler - Screen                                       | 1        |
| 35       | 2410-73  | Pin - Tether                                          | 1        |
| 36       | 93-3103  | Cap - Hydraulic<br>(Incl. Ref. #27 & 35)              | 1        |
| 37       | 92-4970  | Hose - Hydraulic                                      | 1        |



T-0367A

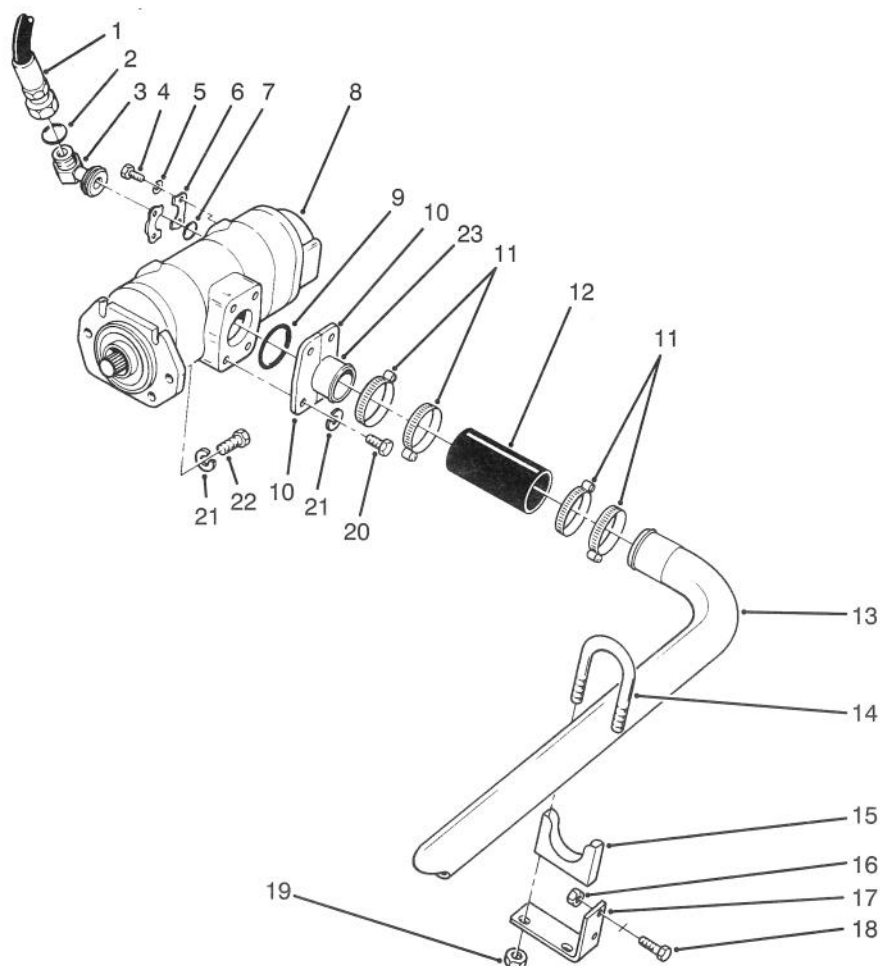
## HYDRAULIC FILTER ASSEMBLY

| Ref. No. | Part No. | Description                                               | No. Used |
|----------|----------|-----------------------------------------------------------|----------|
| 1        | 237-80   | Seal - O-Ring                                             | 1        |
| 2        | 340-22   | Fitting - Hydraulic Tee<br>(Incl. Ref. #1 & 3)            | 1        |
| 3        | 237-65   | Seal - O-Ring                                             | 2        |
| 4        | 92-4807  | Tube - Hydraulic                                          | 1        |
| 5        | 237-22   | Seal - O-Ring                                             | 3        |
| 7        | 237-58   | Seal - O-Ring                                             | 1        |
| 9        | 2412-92  | Clamp - Hose                                              | 4        |
| 10       | 69-5410  | Manifold - Return<br>(Incl. Ref. #5, 13 & 24)             | 1        |
| 11       | 69-6000  | Tube - Hydraulic<br>(Incl. Ref. #5)                       | 1        |
| 12       | 69-5990  | Tube - Hydraulic<br>(Incl. Ref. #5)                       | 1        |
| 13       | 237-30   | Seal - O-Ring                                             | 2        |
| 14       | 69-5460  | Hose - Hydraulic                                          | 1        |
| 15       | 39-7593  | Temperature Sending Unit                                  | 1        |
| 16       | 3253-2   | Washer - Lock                                             | 1        |
| 17       | 3219-14  | Nut - Hex.                                                | 1        |
| 18       | 69-5650  | Hose - Hydraulic                                          | 1        |
| 19       | 69-1700  | Hydraulic Filter Assembly<br>(Incl. Ref. #20, 21 & 25-27) | 1        |
| 20       | 237-155  | Seal - O-Ring                                             | 1        |
| 21       | 69-1720  | Element - Filter<br>(Incl. Ref. #20)                      | 1        |

| Ref. No. | Part No. | Description                                      | No. Used |
|----------|----------|--------------------------------------------------|----------|
| 22       | 340-65   | Seal - O-Ring                                    | 1        |
| 23       | 340-79   | Fitting - Hydraulic 90°<br>(Incl. Ref. #22 & 24) | 1        |
| 24       | 237-101  | Seal - O-Ring                                    | 2        |
| 25       | 69-1710  | Indicator - Filter<br>(Incl. Ref. #26 & 27)      | 1        |
| †26      |          | Seal - O-Ring                                    | 1        |
| †27      |          | Seal - O-Ring                                    | 1        |
| 28       | 323-4    | Screw - Cap Hex. Hd.                             | 3        |
| 29       | 3253-21  | Washer - Lock                                    | 3        |
| 30       | 69-5440  | Hose - Hydraulic                                 | 1        |
| 31       | 69-8440  | Hose - Hydraulic                                 | 1        |
| 32       | 69-5950  | Tube - Hydraulic                                 | 1        |
| 34       | 74-2660  | Hose - Hydraulic Return                          | 1        |
| 35       | 92-2352  | Hose - Hydraulic                                 | 1        |
| 36       | 92-2351  | Fitting - Tank Return<br>(Incl. Ref. #7 & 37)    | 1        |
| 37       | 340-136  | Seal - O-Ring                                    | 1        |
| 38       | 340-150  | Cap - Hydraulic                                  | 1        |
| 39       | 2412-129 | Clamp - Hose                                     | 1        |
| 40       | 92-1742  | Tube - Hydraulic                                 | 1        |
| 41       | 32152-1  | Nut - Lock                                       | 3        |
| 42       | 56-7978  | Clamp Half - Hydraulic Line                      | 6        |
| 43       | 69-9761  | Plate - Cover                                    | 3        |
| 44       | 322-12   | Screw - Cap Hex. Hd.                             | 3        |

†Not serviceable separately.





T-0349

## HYDRAULIC PUMP INSTALLATION ASSEMBLY

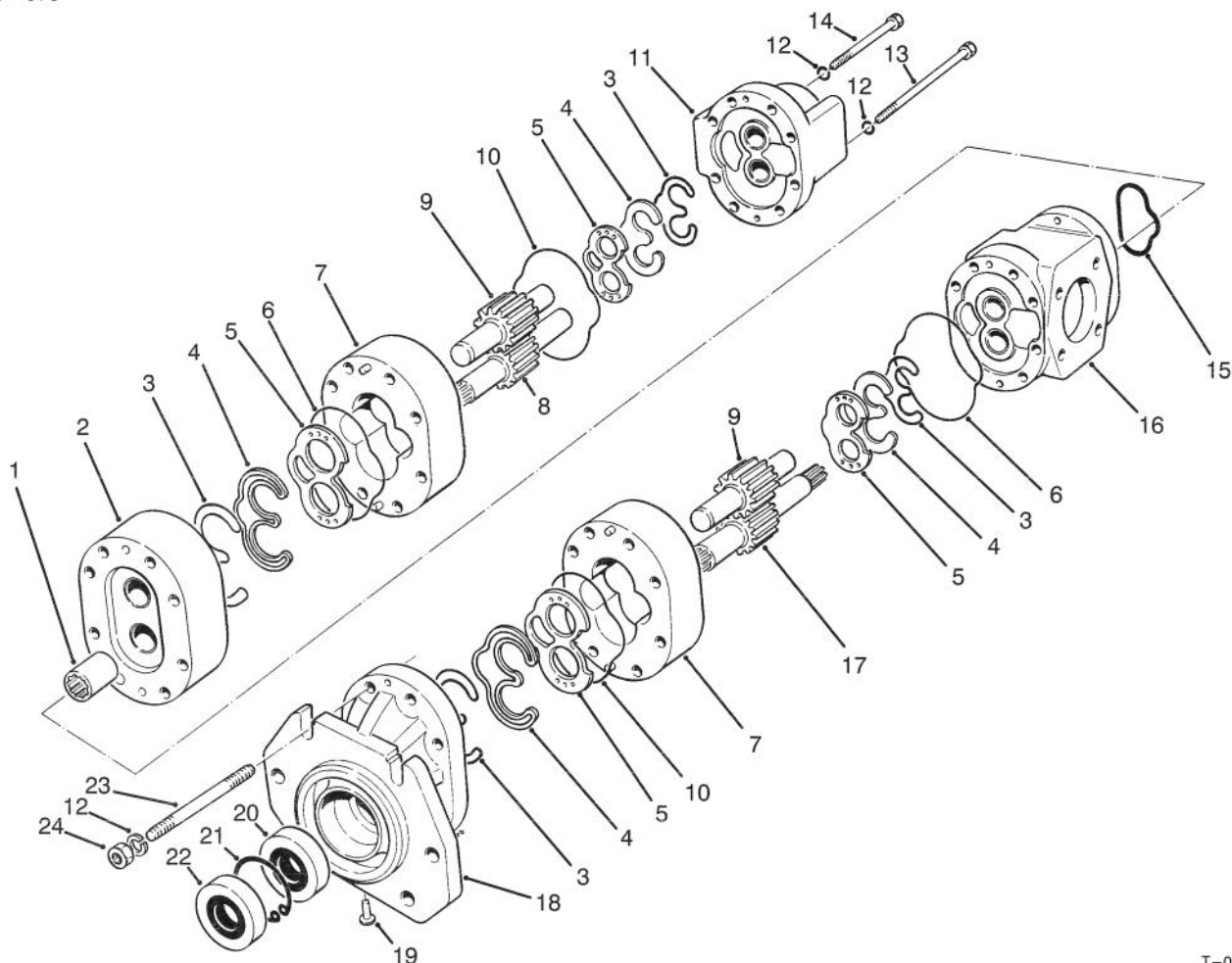
| Ref. No. | Part No. | Description                                    | No. Used |
|----------|----------|------------------------------------------------|----------|
| 1        | 69-5590  | Hydraulic Hose Assembly                        | 2        |
| 2        | 237-58   | Seal - O-Ring                                  | 2        |
| 3        | 69-6240  | Fitting - Hydraulic 90°<br>(Incl. Ref # 2 & 7) | 2        |
| 4        | 323-7    | Screw - Cap Hex. Hd.                           | 8        |
| 5        | 3253-21  | Washer - Lock                                  | 8        |
| 6        | 353-992  | Flange - Fitting                               | 4        |
| 7        | 340-135  | Seal - O-Ring                                  | 2        |
| 8        | 69-2050  | Hydraulic Pump Assembly                        | 1        |
| 9        | 237-116  | Seal - O-Ring                                  | 1        |
| 10       | 354-42   | Flange - Half                                  | 2        |
| 11       | 2412-42  | Clamp - Hose                                   | 4        |
| 12       | 69-5640  | Hose - Hydraulic                               | 1        |

| Ref. No. | Part No. | Description                        | No. Used |
|----------|----------|------------------------------------|----------|
| 13       | 69-6110  | Hydraulic Tube Assembly            | 1        |
| †14      |          | Bolt - U                           | 2        |
| 15       | 20-4840  | Clamp - Tube (Incl. Ref. #14 & 19) | 2        |
| 16       | 32152-2  | Nut - Lock                         | 4        |
| 17       | 69-9220  | Support - Tube Clamp               | 2        |
| 18       | 323-6    | Screw - Cap Hex. Hd.               | 4        |
| 19       | 32128-25 | Nut - Lock                         | 4        |
| 20       | 325-6    | Screw - Cap Hex. Hd.               | 4        |
| 21       | 3253-7   | Washer - Lock                      | 8        |
| 22       | 3213-2   | Screw - Cap Hex. Hd.               | 4        |
| 23       | 74-2270  | Fitting - Suction                  | 1        |

†Not serviceable separately.



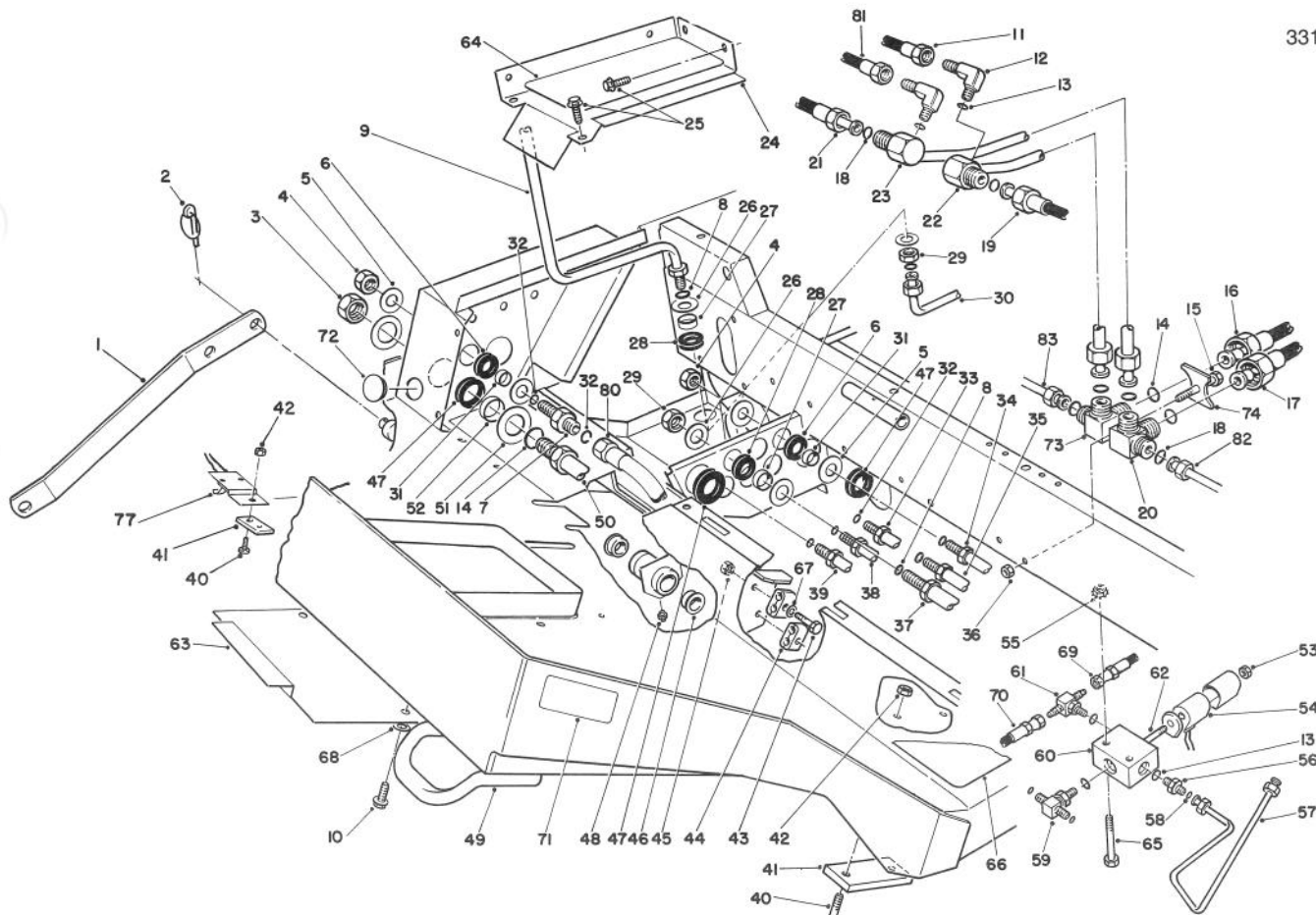


T-0382

## DOUBLE GEAR PUMP NO. 69-2050

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 1        | 69-2110  | Coupling                 | 1        |
| 2        | 69-2170  | Adapter Section Assembly | 1        |
| 3        | 59-7990  | Seal - Gland             | 4        |
| 4        | 59-8470  | Retainer - Seal          | 4        |
| 5        | 69-2070  | Plate - Flex             | 4        |
| 6        | 69-2200  | Seal - O-Ring            | 2        |
| 7        | 69-2080  | Center Section Assembly  | 2        |
| 8        | 69-2090  | Gear/Shaft - Rear Drive  | 1        |
| 9        | 59-8600  | Gear - Driven            | 2        |
| 10       | 69-2120  | Seal - O-Ring            | 2        |
| 11       | 69-2100  | Rear Cover Assembly      | 1        |
| 12       | 59-7590  | Washer - Lock            | 16       |
| 13       | 69-2150  | Screw - Cap Hex. Hd.     | 4        |

| Ref. No. | Part No. | Description                            | No. Used |
|----------|----------|----------------------------------------|----------|
| 14       | 69-2140  | Screw - Cap Hex. Hd.                   | 4        |
| 15       | 69-2210  | Seal - O-Ring                          | 1        |
| 16       | 69-2160  | Port Section Assembly                  | 1        |
| 17       | 59-8500  | Gear/Shaft - Front Drive               | 1        |
| 18       | 69-2060  | Shaft End Cover Assembly               | 1        |
| 19       | 69-2130  | Plug                                   | 1        |
| 20       | 59-8590  | Seal - Shaft                           | 1        |
| 21       | 59-8580  | Ring - Retaining                       | 1        |
| 22       | 59-8570  | Seal - Shaft                           | 1        |
| 23       | 59-7970  | Stud - Threaded                        | 8        |
| 24       | 59-7580  | Nut - Hex.                             | 8        |
| *        | 59-8610  | Repair Kit (Incl. Ref. #3, 4, 20 & 22) | 1        |



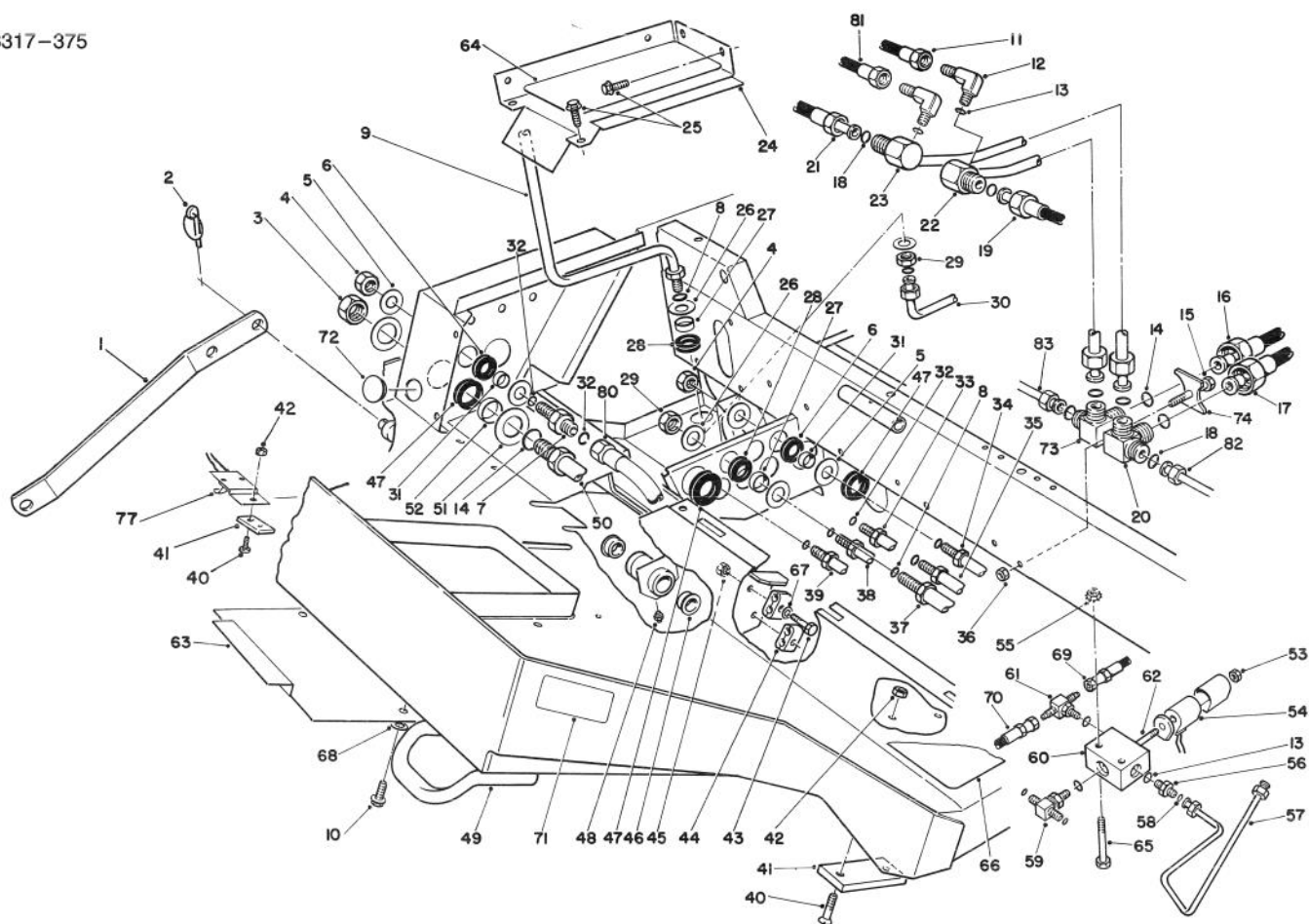
T-0357C

## FRAME ASSEMBLY

| Ref. No. | Part No. | Description                                       | No. Used |
|----------|----------|---------------------------------------------------|----------|
| 1        | 85-6190  | Link - Deck Tilt                                  | 1        |
| 2        | 3290-495 | Pin - Lynch                                       | 2        |
| 3        | 340-126  | Nut - Bulkhead                                    | 2        |
| 4        | 340-70   | Nut - Bulkhead                                    | 6        |
| 5        | 69-8940  | Washer                                            | 12       |
| 6        | 240-4    | Grommet                                           | 6        |
| 7        | 340-71   | Fitting - Hydraulic Bulkhead<br>(Incl. Ref. #32)  | 1        |
| 8        | 237-30   | Seal - O-Ring                                     | 3        |
| 9        | 92-4967  | Tube - Hydraulic<br>(Incl. Ref. #8)               | 1        |
| 10       | 3234-28  | Screw - Hex. Flange Hd.                           | 2        |
| 11       | 93-7422  | Hose - Hydraulic                                  | 1        |
| 12       | 353-375  | Fitting - Hydraulic 90°<br>(Incl. Ref. #13)       | 2        |
| 13       | 237-78   | Seal - O-Ring                                     | 5        |
| 14       | 237-58   | Seal - O-Ring                                     | 4        |
| 15       | 3274-86  | Screw - Cap Socket Hd.                            | 1        |
| 16       | 69-5470  | Hose - Hydraulic                                  | 1        |
| 17       | 69-5480  | Hose - Hydraulic                                  | 1        |
| 18       | 237-65   | Seal - O-Ring                                     | 6        |
| 19       | 93-7177  | Assy. - Tube, Traction L.H.                       | 1        |
| 20       | 83-8350  | Fitting - Traction, L.H.<br>(Incl. Ref. #14 & 18) | 1        |
| 21       | 93-7178  | Assy. - Tube, Traction R.H.                       | 1        |

| Ref. No. | Part No. | Description                          | No. Used |
|----------|----------|--------------------------------------|----------|
| 22       | 69-6200  | Tube - Hydraulic<br>(Incl. Ref. #18) | 1        |
| 23       | 69-6190  | Tube - Hydraulic<br>(Incl. Ref. #18) | 1        |
| 24       | 71-2450  | Cover - Access                       | 1        |
| 25       | 3234-14  | Screw - Hex. Flange Hd.              | 4        |
| 26       | 69-8930  | Washer                               | 4        |
| 27       | 69-8960  | Spacer                               | 2        |
| 28       | 240-5    | Grommet                              | 2        |
| 29       | 340-127  | Nut - Bulkhead                       | 2        |
| 30       | 85-6150  | Tube - Hydraulic                     | 1        |
| 31       | 69-8970  | Spacer                               | 6        |
| 32       | 237-22   | Seal - O-Ring                        | 7        |
| 33       | 69-6050  | Tube - Hydraulic<br>(Incl. Ref. #32) | 1        |
| 34       | 69-6040  | Tube - Hydraulic<br>(Incl. Ref. #32) | 1        |
| 35       | 69-6030  | Tube - Hydraulic<br>(Incl. Ref. #32) | 1        |
| 36       | 32152-1  | Nut - Lock                           | 1        |
| 37       | 69-5790  | Tube - Hydraulic<br>(Incl. Ref. #8)  | 1        |
| 38       | 69-6060  | Tube - Hydraulic<br>(Incl. Ref. #32) | 1        |
| 39       | 93-7426  | Tube - Hydraulic<br>(Incl. Ref. #32) | 1        |

\*Not Illustrated



T-0357C

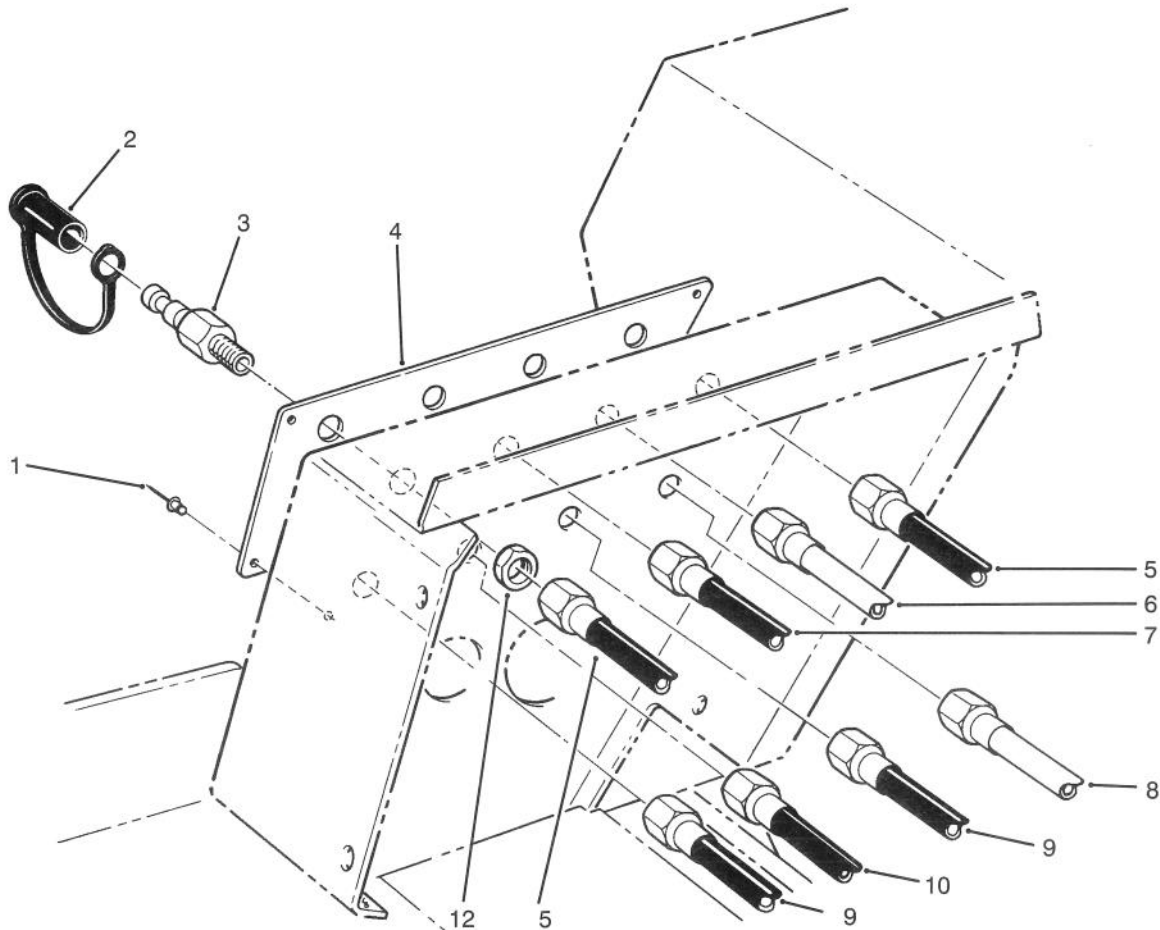
## FRAME ASSEMBLY (Continued)

| Ref. No. | Part No.  | Description                                   | No. Used |
|----------|-----------|-----------------------------------------------|----------|
| 40       | 32108-103 | Screw - Machine Flat Hd.                      | 4        |
| 41       | 69-9300   | Cushion - Rubber                              | 2        |
| 42       | 32152-1   | Nut - Lock                                    | 4        |
| 43       | 321-9     | Screw - Cap Hex. Hd.                          | 2        |
| 44       | 56-7973   | Clamp Half - Hydraulic Line                   | 4        |
| 45       | 32152-4   | Nut - Lock                                    | 2        |
| 46       | 256-247   | Bushing - Flange                              | 2        |
| 47       | 240-7     | Grommet                                       | 4        |
| 48       | 302-5     | Fitting - Grease                              | 1        |
| 49       | 69-0100   | Frame - Assembly<br>(Incl. Ref. #46 & 48)     | 1        |
| 50       | 69-6100   | Tube - Hydraulic Pressure<br>(Incl. Ref. #14) | 1        |
| *        | 69-5810   | Tube - Hydraulic Return<br>(Incl. Ref. #14)   | 1        |
| 51       | 69-8910   | Washer                                        | 4        |
| 52       | 69-8900   | Spacer                                        | 2        |
| 53       | 3220-4    | Nut                                           | 1        |
| 54       | 92-3048   | Solenoid Coil Kit                             | 3        |
| 55       | 32149-2   | Nut - Keys                                    | 2        |
| 56       | 340-92    | Fitting - Hydraulic<br>(Incl. Ref. #13 & 58)  | 1        |
| 57       | 69-5950   | Tube - Hydraulic                              | 1        |
| 58       | 237-21    | Seal - O-Ring                                 | 3        |
| 59       | 340-125   | Fitting - Hydraulic<br>(Incl. Ref. #13 & 58)  | 1        |

| Ref. No. | Part No. | Description                                                                       | No. Used |
|----------|----------|-----------------------------------------------------------------------------------|----------|
| †60      |          | Body - Valve                                                                      | 1        |
| 61       | 340-123  | Fitting - Hydraulic<br>(Incl. Ref. #13)                                           | 1        |
| 62       | 92-3047  | Valve - Solenoid<br>(Incl. Ref. #53)                                              | 1        |
| 63       | 69-9470  | Cover - Access                                                                    | 1        |
| 64       | 71-0430  | Cover - Abrasive                                                                  | 1        |
| 65       | 321-11   | Screw - Cap Hex. Hd.                                                              | 2        |
| 66       | 71-0420  | Floor - Abrasive                                                                  | 1        |
| 67       | 3256-56  | Washer - Flat                                                                     | 2        |
| 68       | 3256-23  | Washer - Flat                                                                     | 2        |
| 69       | 93-7424  | Hose - Diagnostic                                                                 | 1        |
| 70       | 93-7193  | Hose - Diagnostic                                                                 | 1        |
| 71       | 72-4080  | Decal - Danger                                                                    | 2        |
| 72       | 2410-10  | Plug - Button                                                                     | 1        |
| 73       | 83-8360  | Fitting - Traction, R.H.                                                          | 1        |
| 74       | 83-8370  | Plate - Clamp                                                                     | 1        |
| 77       | 93-7038  | Bracket - Switch                                                                  | 1        |
| 80       | 92-4970  | Hose - Hydraulic                                                                  | 1        |
| 81       | 93-7192  | Hose - Diagnostic                                                                 | 1        |
| 82       | 83-4330  | Assy. - Tube, Traction LH                                                         | 1        |
| 83       | 83-4340  | Assy. - Tube, Traction RH                                                         | 1        |
| *        | 92-3049  | Valve Seal Kit                                                                    | 1        |
| *        | 71-2630  | Solenoid Valve Assembly<br>(Incl. Ref. #53, 54, 60, 62 & Valve Seal Kit #92-3049) | 1        |

\*Not Illustrated

†Not serviceable separately.

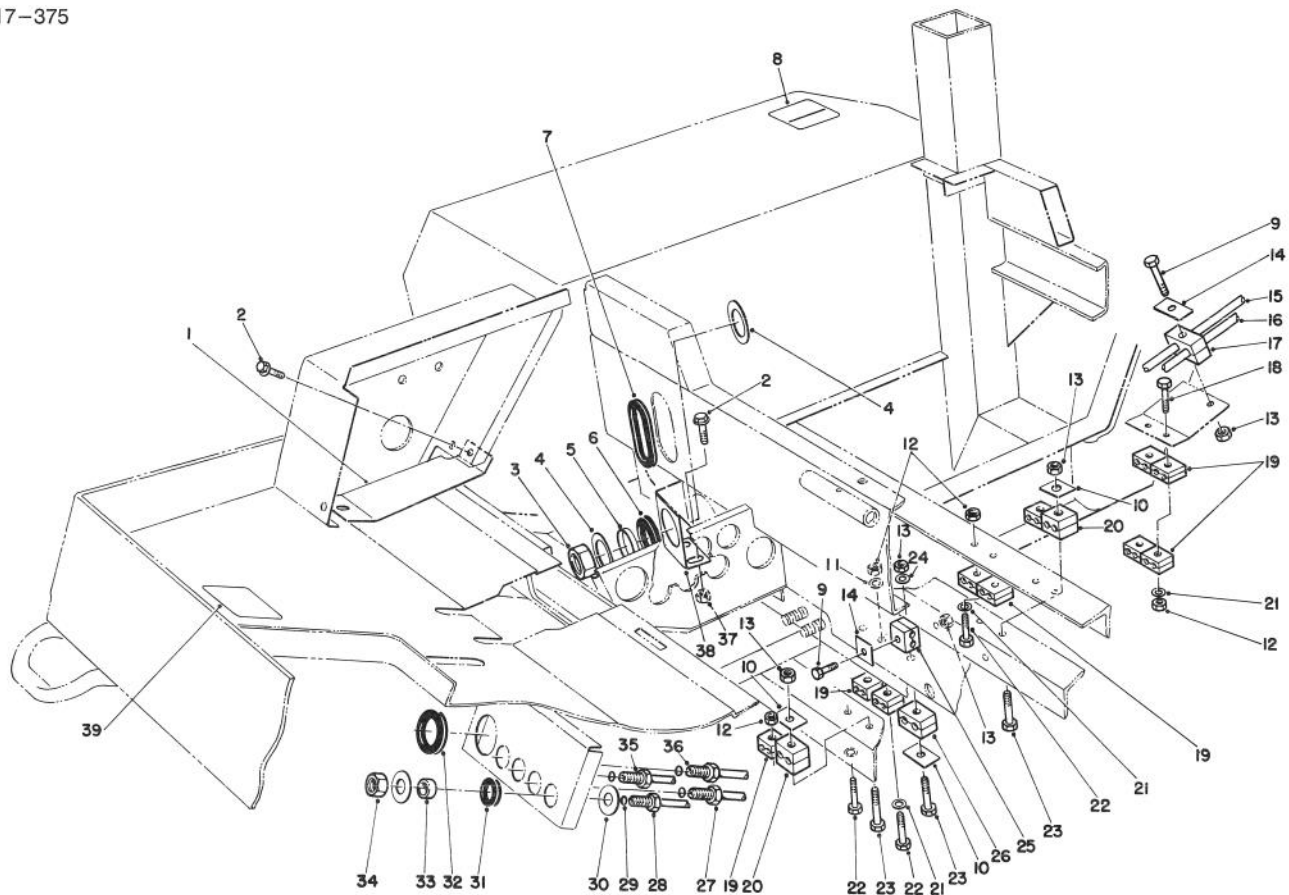


T-0363B

## HYDRAULIC SYSTEM DIAGNOSTIC PANEL ASSEMBLY

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 1        | 3269-25  | Rivet - Pop                                   | 4        |
| 2        | 353-947  | Cap - Fitting                                 | 8        |
| 3        | 353-997  | Fitting - Hydraulic Bulkhead (Incl. Ref. #12) | 8        |
| 4        | 69-0960  | Panel - Diagnostic                            | 1        |
| 5        | 93-7422  | Hose - Hydraulic Diagnostic                   | 1        |

| Ref. No. | Part No. | Description                 | No. Used |
|----------|----------|-----------------------------|----------|
| 6        | 69-5910  | Tube - Hydraulic Diagnostic | 1        |
| 7        | 93-7193  | Hose - Hydraulic Diagnostic | 1        |
| 8        | 69-5920  | Tube - Diagnostic           | 1        |
| 9        | 93-7423  | Hose - Hydraulic Diagnostic | 2        |
| 10       | 93-7425  | Hose - Hydraulic Diagnostic | 1        |
| 12       | 3220-4   | Nut - Bulkhead              | 8        |



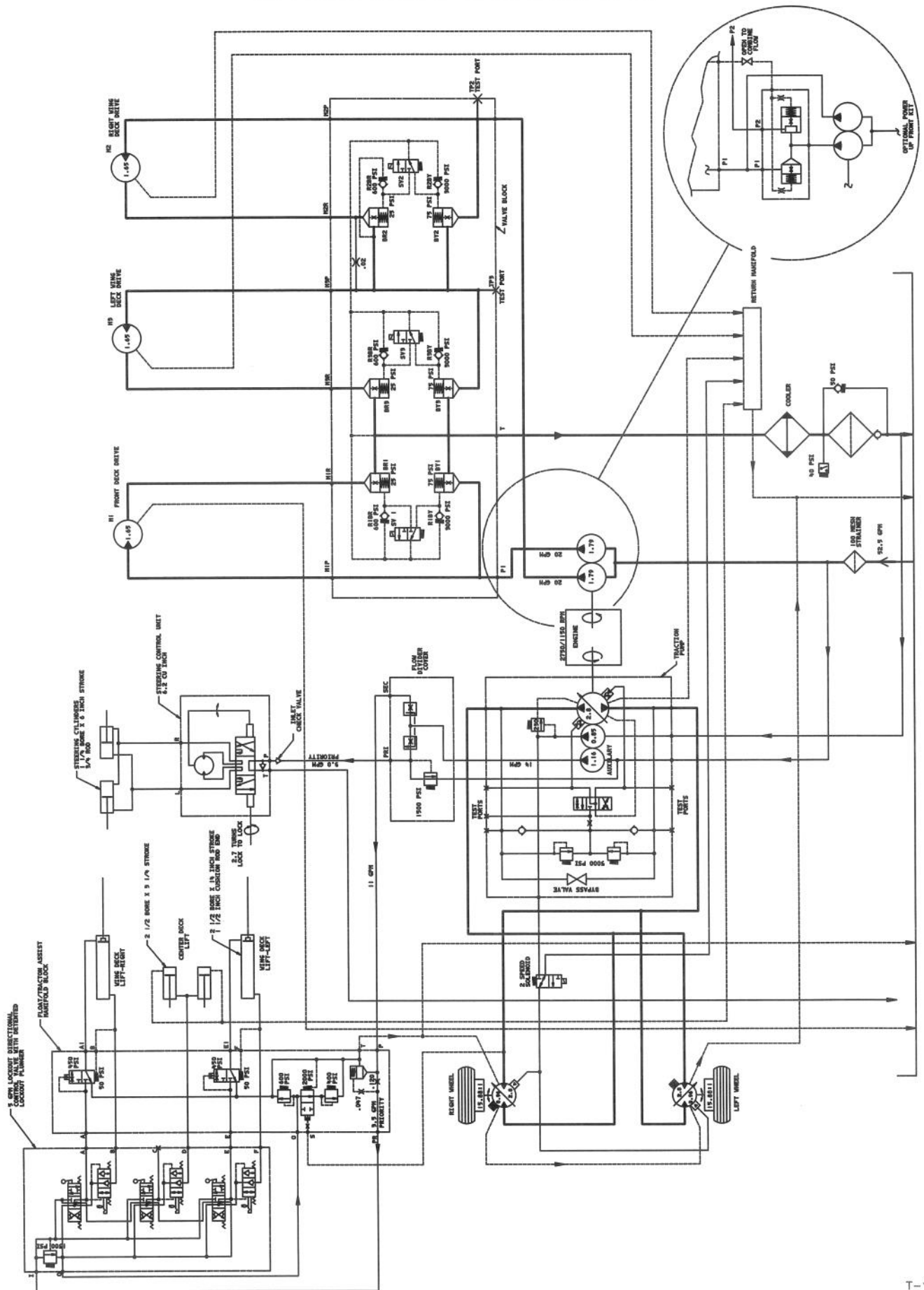
T-0358A

## HYDRAULIC LINE CLAMPS ASSEMBLY

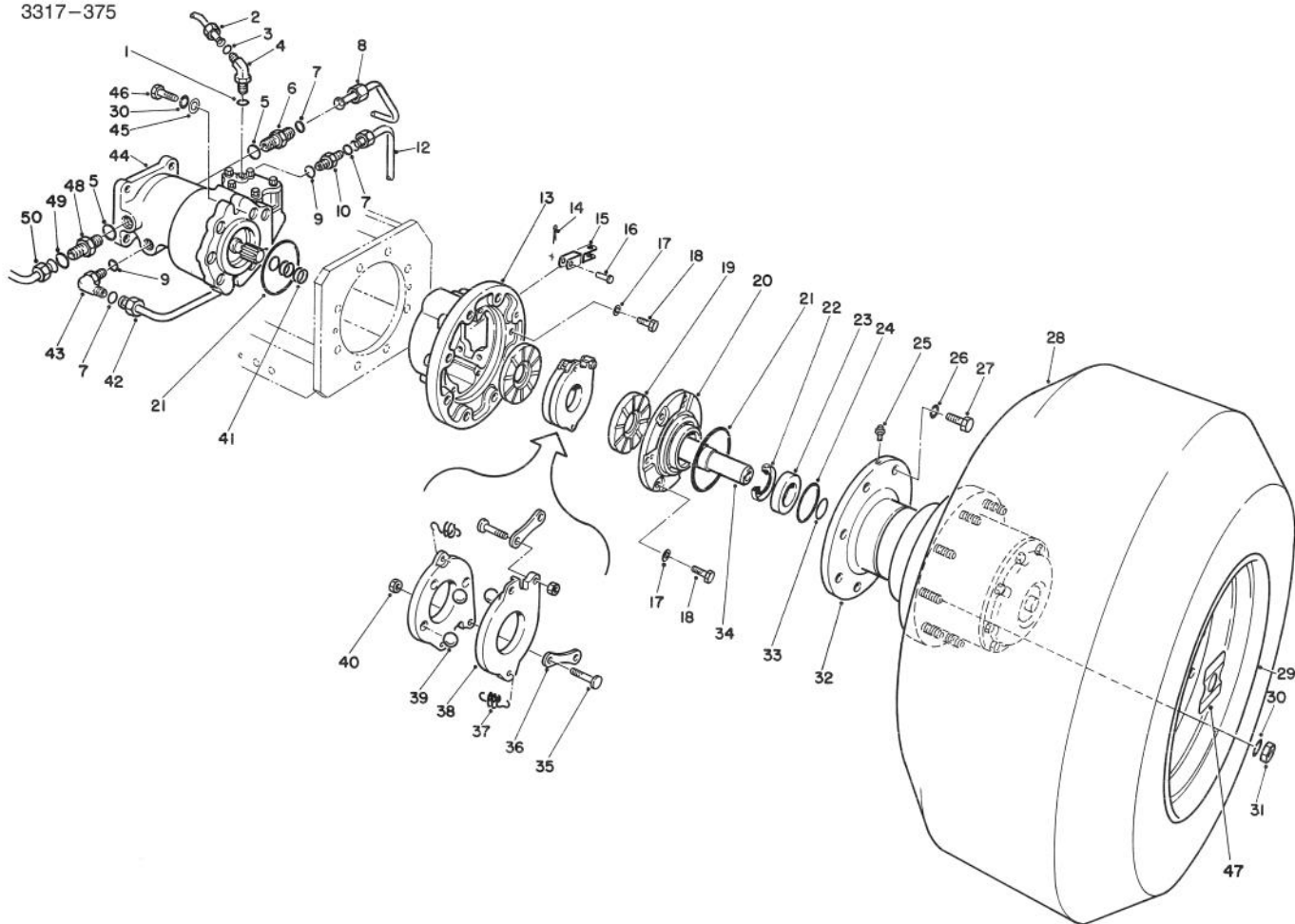
| Ref. No. | Part No. | Description                 | No. Used |
|----------|----------|-----------------------------|----------|
| 1        | 69-9330  | Cover                       | 1        |
| 2        | 3234-14  | Screw - Hex. Flange Hd.     | 6        |
| 3        | 340-128  | Nut - Bulkhead              | 2        |
| 4        | 69-8920  | Washer                      | 4        |
| 5        | 69-8950  | Spacer                      | 2        |
| 6        | 240-2    | Grommet                     | 2        |
| 7        | 237-164  | Grommet                     | 1        |
| 8        | 69-0920  | Decal - Hydraulic Oil       | 1        |
| 9        | 322-12   | Screw - Cap Hex. Hd.        | 4        |
| 10       | 69-9760  | Plate - Cover               | 3        |
| 11       | 3256-22  | Washer - Flat               | 2        |
| 12       | 32152-4  | Nut - Lock                  | 6        |
| 13       | 32152-1  | Nut - Lock                  | 8        |
| 14       | 69-9761  | Plate - Cover               | 5        |
| 15       | 69-6130  | Tube - Hydraulic            | 1        |
| 16       | 69-6120  | Tube - Hydraulic            | 1        |
| 17       | 56-7974  | Clamp Half - Hydraulic Line | 2        |
| 18       | 321-15   | Screw - Cap Hex. Hd.        | 2        |
| 19       | 56-7973  | Clamp Half - Hydraulic Line | 20       |
| 20       | 56-7972  | Clamp Half - Hydraulic Line | 4        |
| 21       | 3256-56  | Washer - Flat               | 8        |
| 22       | 321-9    | Screw - Cap Hex. Hd.        | 6        |

| Ref. No. | Part No. | Description                          | No. Used |
|----------|----------|--------------------------------------|----------|
| 23       | 322-21   | Screw - Cap Hex. Hd.                 | 3        |
| 24       | 3256-23  | Washer - Flat                        | 1        |
| 25       | 56-7978  | Clamp Half - Hydraulic Line          | 8        |
| 26       | 56-7971  | Clamp Half - Hydraulic Line          | 2        |
| 27       | 93-7179  | Tube - Hydraulic<br>(Incl. Ref. #29) | 1        |
| 28       | 69-5800  | Tube - Hydraulic<br>(Incl. Ref. #29) | 1        |
| 29       | 237-21   | Seal - O-Ring                        | 4        |
| 30       | 69-8980  | Washer                               | 8        |
| 31       | 240-6    | Grommet                              | 4        |
| 32       | 240-7    | Grommet                              | 1        |
| 33       | 69-8990  | Spacer                               | 4        |
| 34       | 340-78   | Nut - Bulkhead                       | 4        |
| 35       | 69-6080  | Tube - Hydraulic<br>(Incl. Ref. #29) | 1        |
| 36       | 69-6070  | Tube - Hydraulic<br>(Incl. Ref. #29) | 1        |
| 37       | 32128-20 | Nut - Lock                           | 4        |
| 38       | 71-2560  | Support - Bulkhead                   | 2        |
| 39       | 69-0940  | Decal - Caution                      | 1        |

## HYDRAULIC SCHEMATIC







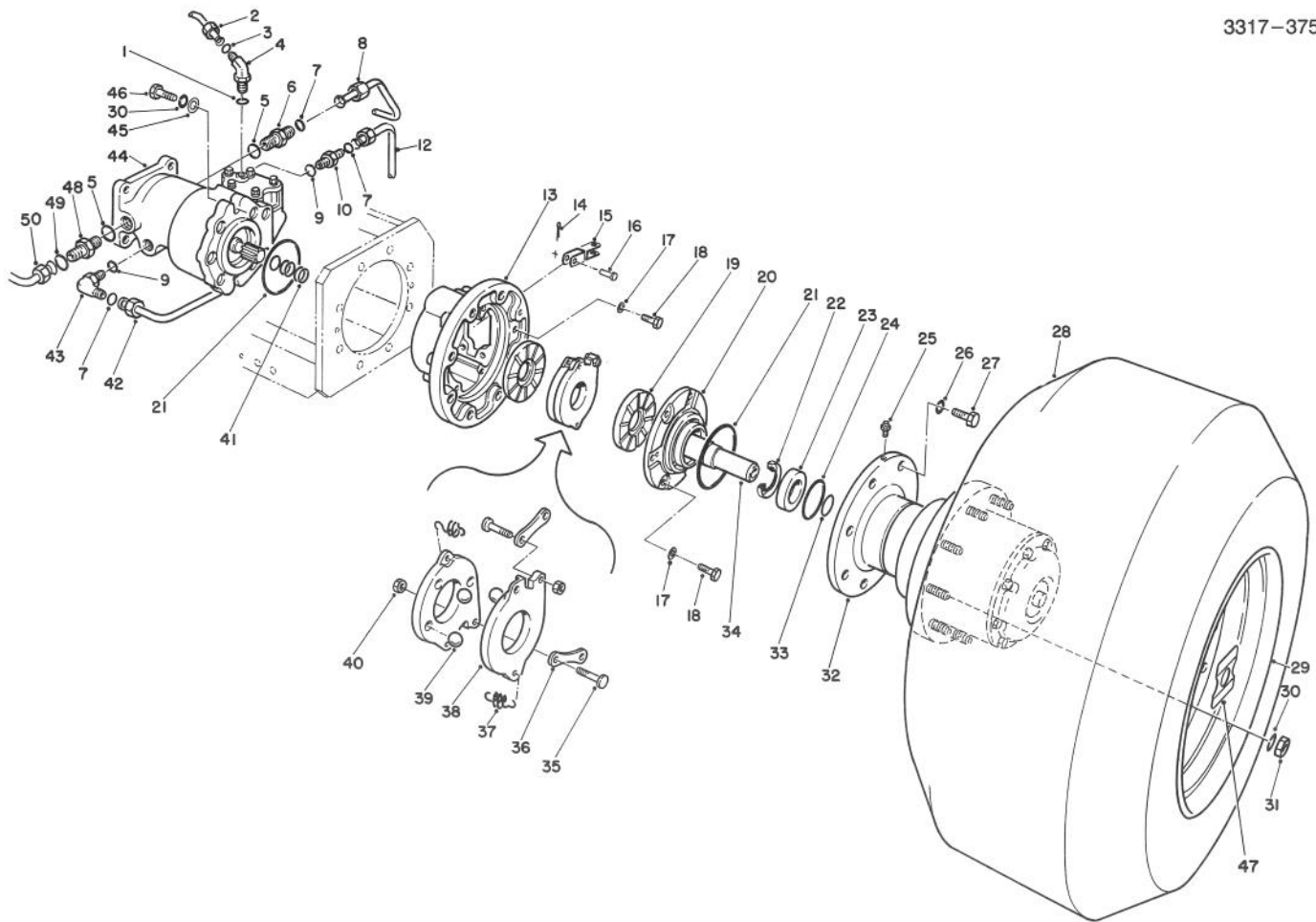
T-0342B

## FRONT WHEEL ASSEMBLY

| Ref. No. | Part No. | Description                                         | No. Used |
|----------|----------|-----------------------------------------------------|----------|
| 1        | 237-42   | Seal - O-Ring                                       | 2        |
| 2        | 69-5940  | Tube - Hydraulic L.H.                               | 1        |
| *        | 69-5930  | Tube - Hydraulic R.H.                               | 1        |
| 3        | 237-21   | Seal - O-Ring                                       | 2        |
| 4        | 340-82   | Fitting - Hydraulic Elbow<br>(Incl. Ref. #1 & 3)    | 2        |
| 5        | 237-146  | Seal - O-Ring                                       | 4        |
| 6        | 340-91   | Fitting - Hydraulic Straight<br>(Incl. Ref. #5 & 7) | 2        |
| 7        | 237-58   | Seal - O-Ring                                       | 7        |
| 8        | 83-4330  | Tube - Hydraulic L.H.                               | 1        |
| *        | 83-4340  | Tube - Hydraulic R.H.                               | 1        |
| 9        | 237-81   | Seal - O-Ring                                       | 4        |
| 10       | 340-9    | Fitting - Hydraulic St. L.H.<br>(Incl. Ref. #7 & 9) | 1        |
| *        | 340-148  | Fitting - Hydraulic Tee R.H.<br>(Incl. Ref. #7 & 9) | 1        |
| 12       | 92-1742  | Tube - Hydraulic L.H.                               | 1        |
| *        | 92-4807  | Tube - Hyd. R.H. Run                                | 1        |
| *        | 85-6150  | Tube - Hyd. R.H. Branch                             | 1        |
| 13       | 71-4010  | Housing - Brake                                     | 2        |
| 14       | 3272-6   | Pin - Cotter                                        | 2        |
| 15       | 71-3880  | Clevis - Brake Cable                                | 2        |
| 16       | 283-2    | Pin - Clevis                                        | 2        |
| 17       | 3253-21  | Washer - Lock                                       | 14       |
| 18       | 323-6    | Screw - Cap Hex. Hd.                                | 14       |
| 19       | 71-0470  | Disc - Middle                                       | 4        |
| 20       | 71-3990  | Cap - Brake Housing                                 | 2        |

| Ref. No. | Part No. | Description                                       | No. Used |
|----------|----------|---------------------------------------------------|----------|
| 21       | 237-158  | Seal - O-Ring                                     | 4        |
| 22       | 253-156  | Seal - Oil                                        | 2        |
| 23       | 251-340  | Bearing - Ball                                    | 2        |
| 24       | 32120-22 | Ring - Retaining Internal                         | 2        |
| 25       | 302-39   | Vent                                              | 2        |
| 26       | 3253-8   | Washer - Lock                                     | 16       |
| 27       | 327-22   | Screw - Cap Hex. Hd.                              | 16       |
| 28       | 69-9800  | Tire                                              | 2        |
| *        | 58-5620  | Tube - Inner                                      | 2        |
| *        | 231-140  | Tire - (Optional)                                 | 2        |
| 29       | 71-2470  | Rim                                               | 2        |
| 30       | 3253-7   | Washer - Lock                                     | 22       |
| 31       | 3219-5   | Nut - Hex.                                        | 18       |
| 32       | 69-1730  | Planetary Gear Drive Assy.                        | 2        |
| 33       | 32120-84 | Ring - Retaining External                         | 2        |
| 34       | 71-3810  | Coupling - Hydraulic Motor                        | 2        |
| 35       | 69-9970  | Stud                                              | 4        |
| 36       | 69-9960  | Link                                              | 4        |
| 37       | 69-9950  | Spring - Extension                                | 4        |
| 38       | 69-9990  | Disc - Actuating                                  | 4        |
| 39       | 69-9980  | Ball                                              | 6        |
| 40       | 69-9940  | Nut - Jam                                         | 4        |
| 41       | 253-157  | Ring - Cup                                        | 8        |
| 42       | 92-1741  | Tube - Hydraulic                                  | 1        |
| 43       | 340-142  | Fitting - Hydraulic Elbow<br>(Incl. Ref. #9 & 11) | 2        |
| 44       | 69-3050  | Motor - Hydraulic Wheel                           | 2        |
| 45       | 3256-26  | Washer - Flat                                     | 4        |

\*Not Illustrated

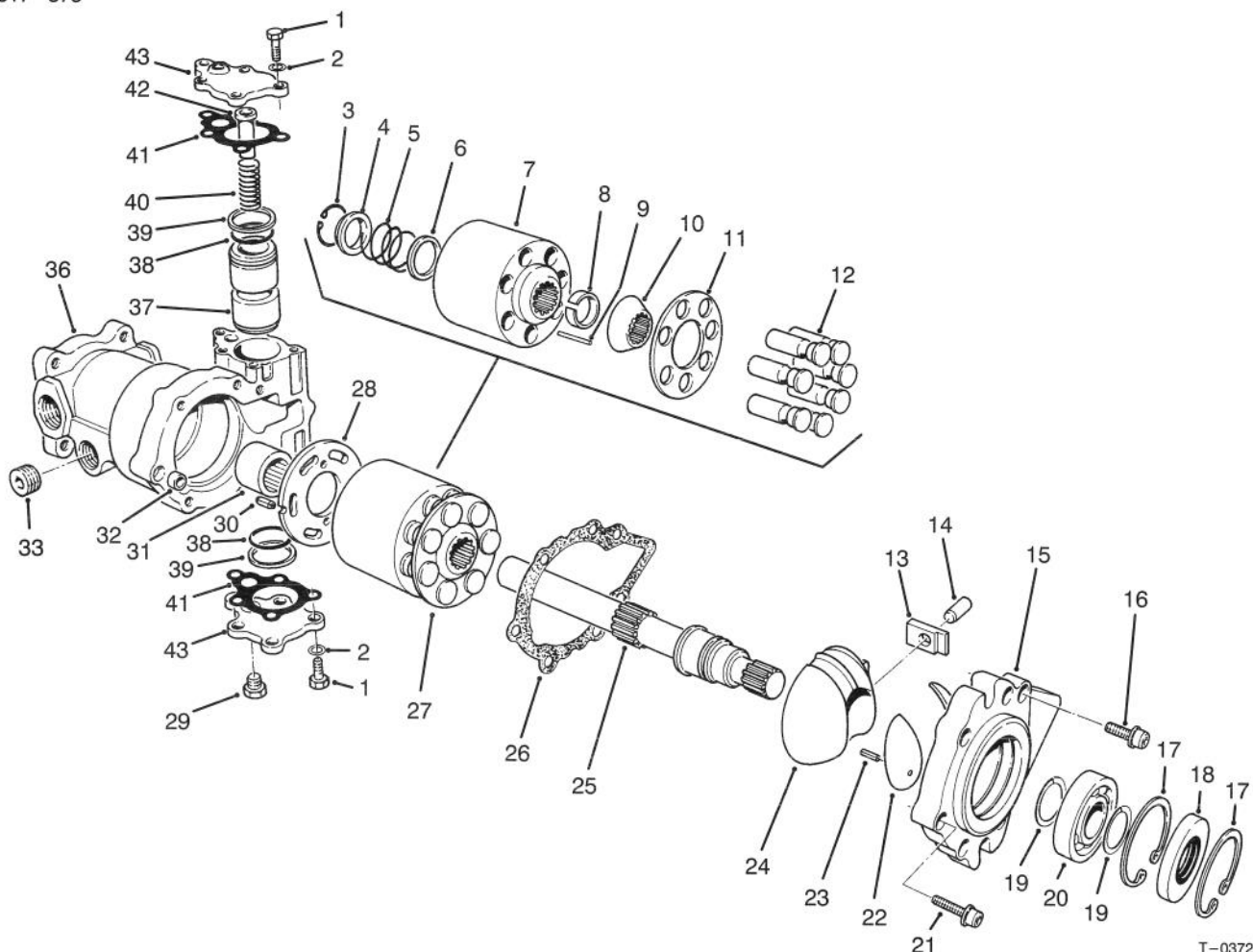


T-0342B

## FRONT WHEEL ASSEMBLY (Continued)

| Ref. No. | Part No. | Description          | No. Used | Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|----------|----------|----------------------|----------|
| 46       | 325-7    | Screw - Cap Hex. Hd. | 4        | 49       | 237-65   | O-Ring               | 2        |
| 47       | 72-4070  | Decal - Danger       | 2        | 50       | 93-7177  | Tube - Hydraulic, LH | 1        |
| 48       | 93-7176  | Fitting - 45° ORFS   | 2        | *        | 93-7178  | Tube - Hydraulic, RH | 1        |





T-0372

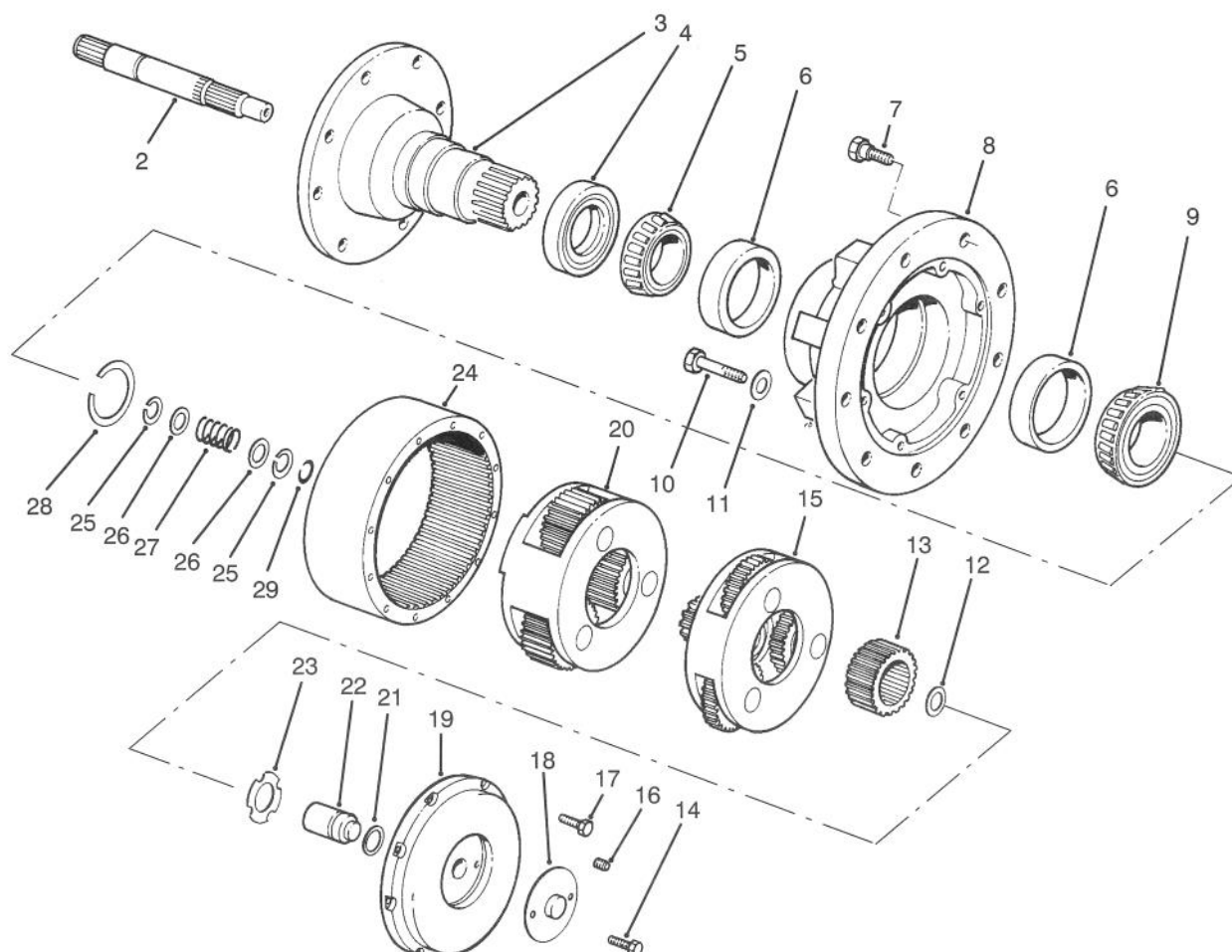
## WHEEL MOTOR NO. 69-3050

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 1        | 69-3150  | Screw Hex. Hd.          | 10       |
| 2        | 69-3070  | Washer - Plain          | 10       |
| †3       |          | Ring - Retaining        | 1        |
| †4       |          | Washer                  | 1        |
| †5       |          | Spring - Compression    | 1        |
| †6       |          | Washer                  | 1        |
| †7       |          | Block - Cylinder        | 1        |
| †8       |          | Retainer                | 1        |
| †9       |          | Pin - Slipper Hold Down | 3        |
| †10      |          | Guide - Retainer        | 1        |
| †11      |          | Guide - Slipper         | 1        |
| †12      |          | Piston Assembly         | 7        |
| 13       | 69-3500  | Bearing - Sleeve        | 1        |
| 14       | 69-3510  | Pin                     | 1        |
| 15       | 76-4610  | Cover - Front           | 1        |
| 16       | 76-4590  | Screw                   | 6        |
| 17       | 69-3200  | Ring - Retaining        | 2        |
| 18       | 69-3190  | Seal - Lip              | 1        |
| 19       | 69-3170  | Ring - Retaining        | 2        |
| 20       | 69-3210  | Bearing - Ball          | 1        |
| 21       | 69-3960  | Screw                   | 1        |
| 22       | 69-3970  | Bearing - Journal       | 2        |

| Ref. No. | Part No. | Description                                       | No. Used |
|----------|----------|---------------------------------------------------|----------|
| 23       | 69-3520  | Pin - Spring                                      | 2        |
| 24       | 69-3980  | Swashplate - Variable                             | 1        |
| 25       | 69-3950  | Shaft - Motor                                     | 1        |
| 26       | 76-4600  | Gasket - Front Cover                              | 1        |
| 27       | 69-3910  | Cylinder Block Kit<br>(Incl. Ref. #3-12)          | 1        |
| 28       | 69-3990  | Plate - Motor Valve                               | 1        |
| 29       | 69-3940  | Plug                                              | 1        |
| 30       | 69-3450  | Pin                                               | 1        |
| 31       | 69-3370  | Bearing - Needle                                  | 1        |
| 32       | 69-3230  | Pin - Spring                                      | 1        |
| 33       | 69-3130  | Plug - Hole                                       | 1        |
| †36      |          | Housing                                           | 1        |
| 37       | 69-4020  | Piston - Servo                                    | 1        |
| 38       | 69-3560  | Seal - O-Ring                                     | 2        |
| 39       | 69-3570  | Ring - Piston                                     | 2        |
| 40       | 69-4030  | Spring - Servo                                    | 1        |
| 41       | 69-3710  | Gasket - Servo Cover                              | 2        |
| 42       | 69-4040  | Stop - Servo Piston                               | 1        |
| 43       | 69-3720  | Cover - Servo                                     | 2        |
| *        | 69-3920  | Piston Ring & O-Ring Kit<br>(Incl. Ref. #38 & 39) | 1        |

\*Not Illustrated

†Not serviceable separately.



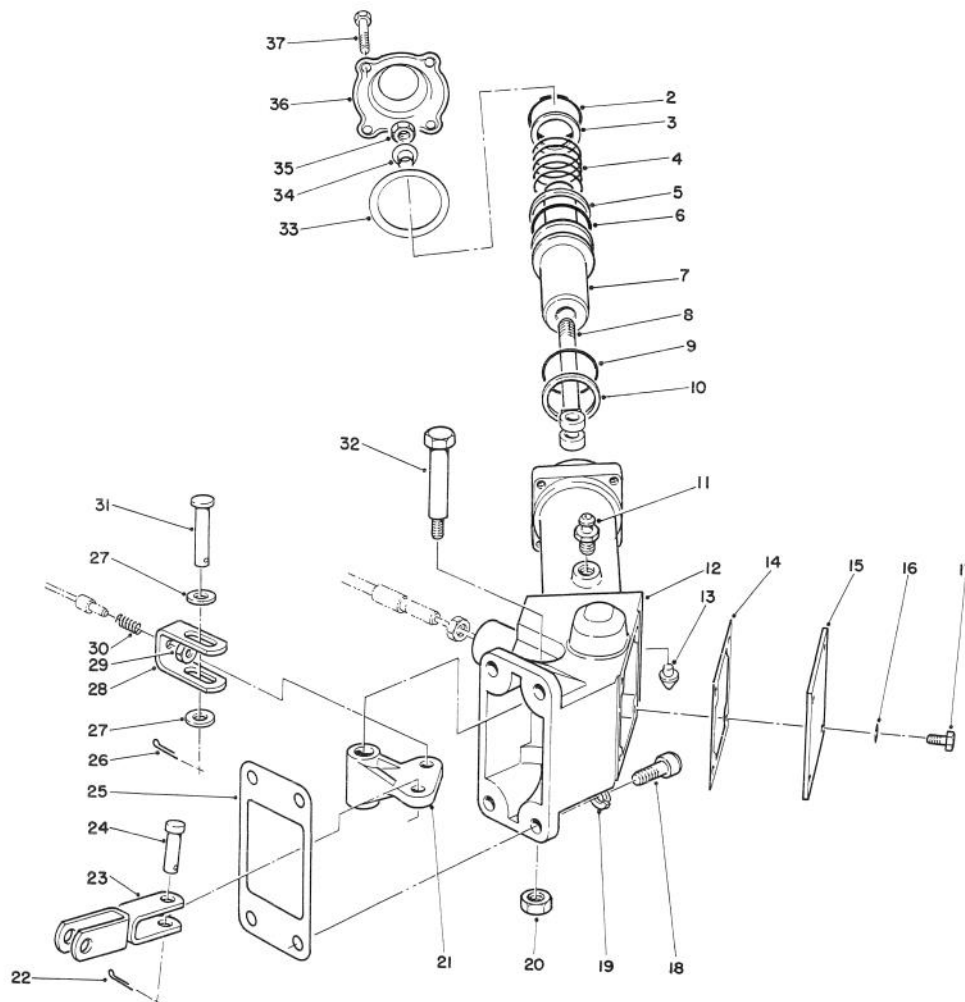
T-0140

## PLANETARY GEAR ASSEMBLY NO. 69-1730

| Ref. No. | Part No. | Description              | No. Used | Ref. No. | Part No. | Description             | No. Used |
|----------|----------|--------------------------|----------|----------|----------|-------------------------|----------|
| 2        | 60-3810  | Shaft - Input            | 1        | 16       | 60-4040  | Plug - Pipe             | 1        |
| 3        | 69-1740  | Spindle                  | 1        | 17       | 60-4030  | Bolt - Hex. Hd.         | 8        |
| 4        | 60-3830  | Seal - Oil               | 1        | 18       | 60-4060  | Cover - Disengage       | 1        |
| 5        | 60-3840  | Cone - Bearing           | 1        | 19       | 60-4050  | Cover - Large           | 1        |
| 6        | 60-3850  | Cup - Bearing            | 2        | 20       | 60-4000  | Secondary Carrier Assy. | 1        |
| 7        | 60-3860  | Bolt - Wheel             | 9        | 21       | 60-4020  | Seal - O-Ring           | 1        |
| 8        | 60-3870  | Hub                      | 1        | 22       | 60-4010  | Plunger - Disengage     | 1        |
| 9        | 60-3880  | Cone - Bearing           | 1        | 23       | 60-3990  | Washer - Thrust         | 1        |
| 10       | 60-3890  | Bolt - Hex. Hd.          | 6        | 24       | 60-3900  | Gear - Ring             | 1        |
| 11       | 60-3910  | Washer - Flat            | 6        | 25       | 60-3930  | Ring - Retaining        | 2        |
| 12       | 60-3980  | Washer - Thrust          | 1        | 26       | 60-3940  | Washer                  | 2        |
| 13       | 60-3970  | Gear - Primary Sun       | 1        | 27       | 60-3950  | Spring - Disengage      | 1        |
| 14       | 60-4070  | Bolt - Hex. Hd.          | 2        | †28      | 62-6450  | Kit - Retaining Ring    | 1        |
| 15       | 60-3960  | Primary Carrier Assembly | 1        | *        | 62-6460  | Sealant - RTV (Tube)    | 1        |

\*Not Illustrated

†Includes 7 different thickness retaining rings for service adjustment of bearings.



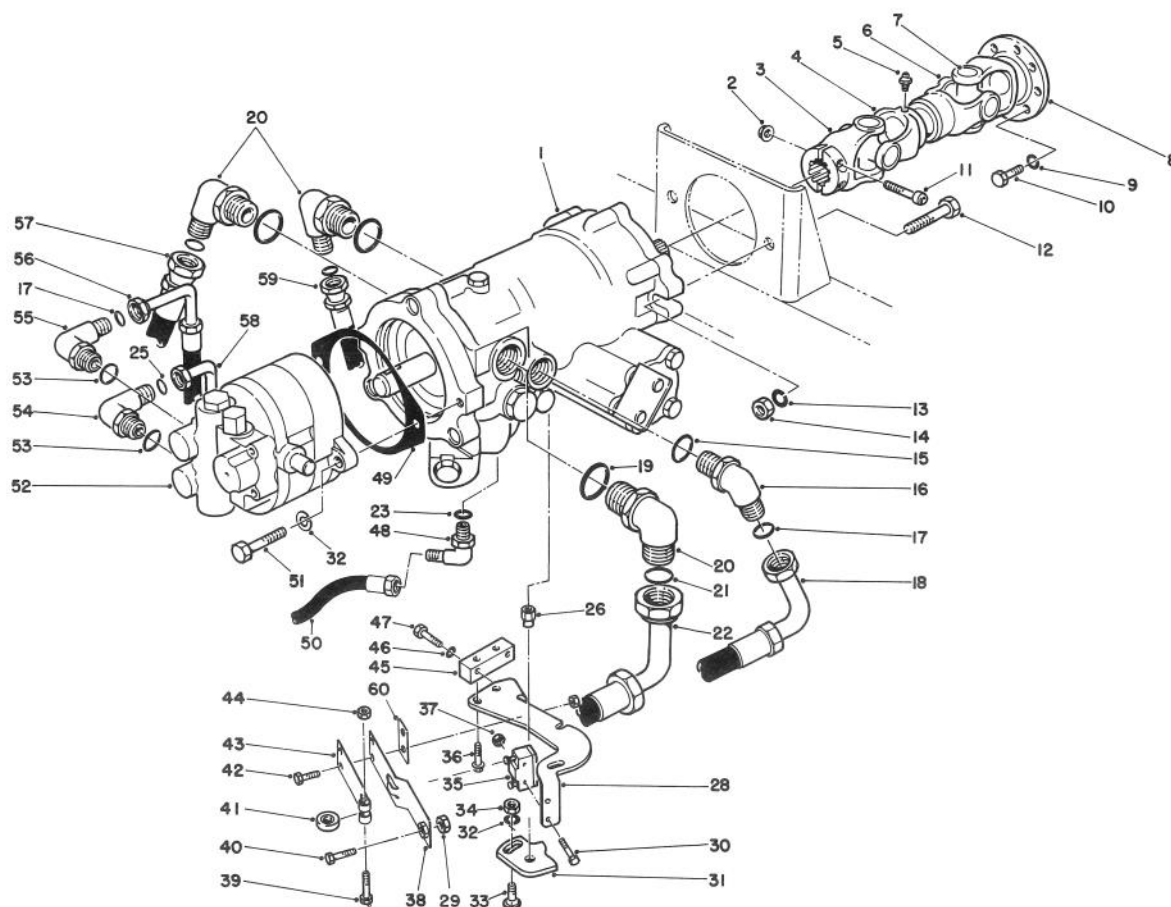
T-1277A

## WHEEL BRAKE ASSEMBLY

| Ref. No. | Part No.  | Description              | No. Used |
|----------|-----------|--------------------------|----------|
| 2        | 32151-100 | Ring - Retaining         | 2        |
| 3        | 69-8910   | Washer                   | 2        |
| 4        | 82-7850   | Spring - Compression     | 2        |
| 5        | 354-104   | Ring - Backup            | 2        |
| 6        | 237-175   | O-Ring                   | 2        |
| 7        | 82-7840   | Piston - Brake           | 2        |
| 8        | 21-2070   | Yoke - End               | 2        |
| 9        | 237-174   | O-Ring                   | 2        |
| 10       | 354-105   | Ring - Backup            | 2        |
| 11       | 82-7830   | Screw - Bleed, Brake     | 2        |
| 12       | 92-8003   | Housing - Actuator, R.H. | 1        |
| *        | 92-8004   | Housing - Actuator, L.H. | 1        |
| 13       | 82-7820   | Seat - Brake, Tube       | 2        |
| 14       | 71-3870   | Gasket                   | 2        |
| 15       | 71-3850   | Cover - Housing          | 2        |
| 16       | 3253-3    | Washer - Lock            | 8        |
| 17       | 321-2     | Screw - Cap Hex. Hd.     | 8        |
| 18       | 3274-7    | Screw - Cap Socket Hd.   | 8        |
| 19       | 3253-21   | Washer - Lock            | 8        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 20       | 32128-25 | Nut - Lock           | 2        |
| 21       | 71-3830  | Bellcrank - Brake    | 2        |
| 22       | 3272-6   | Pin - Cotter         | 2        |
| 23       | 71-3880  | Clevis - Brake Cable | 2        |
| 24       | 283-2    | Pin - Clevis         | 2        |
| 25       | 71-3900  | Gasket               | 2        |
| 26       | 3272-10  | Pin - Cotter         | 2        |
| 27       | 3256-24  | Washer - Flat        | 4        |
| 28       | 71-3860  | Clevis               | 2        |
| 29       | 3296-3   | Nut - Lock           | 2        |
| 30       | 69-0030  | Spring - Compression | 2        |
| 31       | 283-15   | Pin - Clevis         | 2        |
| 32       | 12-8900  | Bolt - Shoulder      | 2        |
| 33       | 93-7417  | Gasket               | 2        |
| 34       | 71-3910  | Collar               | 2        |
| 35       | 3296-59  | Nut - Lock           | 2        |
| 36       | 93-7418  | Cap - Actuator       | 2        |
| 37       | 321-6    | Screw - Cap Hex. Hd. | 8        |

\*Not Illustrated

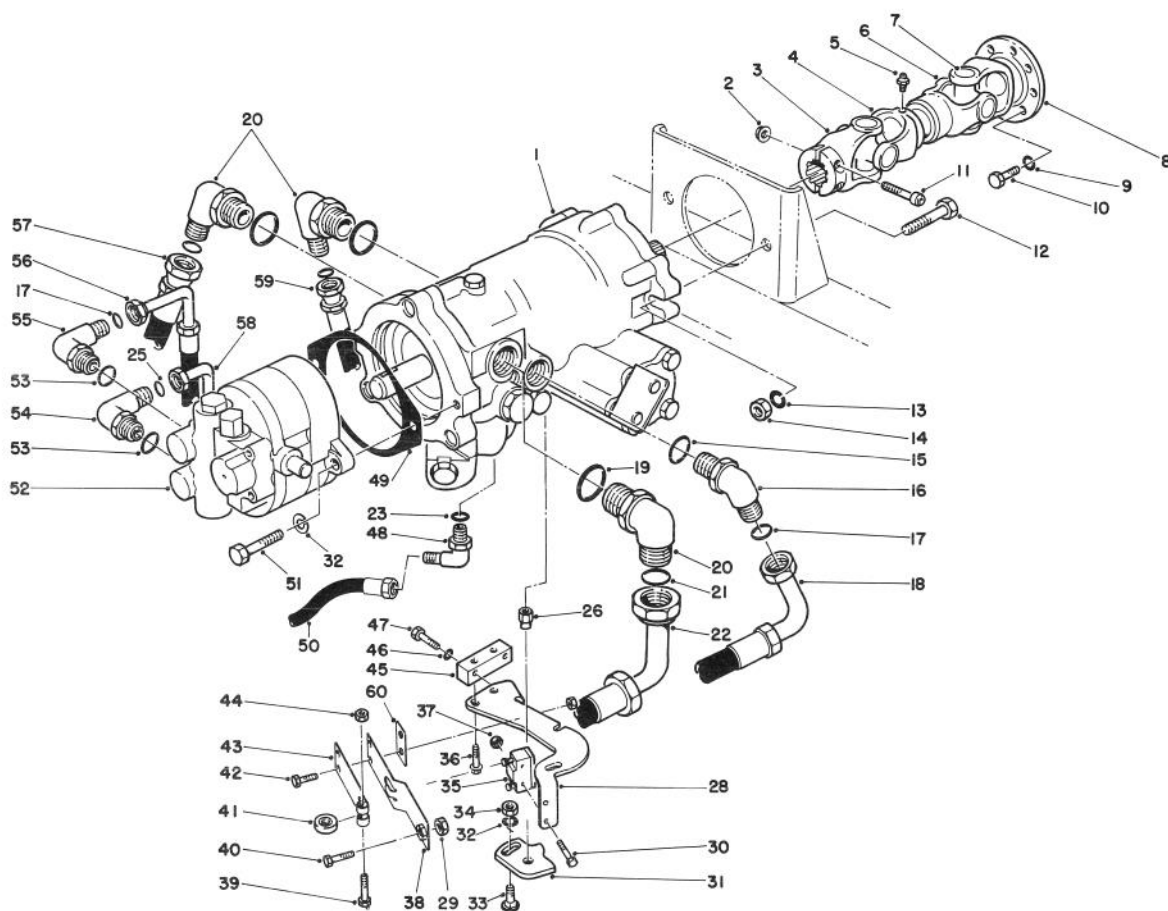


T-0350A

## VARIABLE DISPLACEMENT PUMP INSTALLATION

| Ref. No. | Part No. | Description                                        | No. Used |
|----------|----------|----------------------------------------------------|----------|
| 1        | 69-3040  | Variable Displacement Pump                         | 1        |
| 2        | 32128-21 | Nut - Flange Lock                                  | 2        |
| 3        | 93-7189  | Yoke - Pump End                                    | 1        |
| 4        | 93-7191  | Tube - Slip Yoke                                   | 1        |
| 5        | 302-2    | Fitting - Grease                                   | 1        |
| 6        | 93-7188  | Shaft - Slip Yoke                                  | 1        |
| 7        | 93-7190  | Kit - Universal Joint                              | 2        |
| 8        | 93-7187  | Yoke - Engine End                                  | 1        |
| 9        | 48-9570  | Washer - Lock                                      | 8        |
| 10       | 48-7710  | Screw - Cap Hex. Hd.                               | 8        |
| 11       | 3274-75  | Screw - Hex. Socket Hd.                            | 2        |
| 12       | 325-7    | Screw - Cap Hex. Hd.                               | 2        |
| 13       | 3253-7   | Washer - Lock                                      | 2        |
| 14       | 3217-9   | Nut - Hex.                                         | 2        |
| 15       | 237-81   | Seal - O-Ring                                      | 1        |
| 16       | 340-131  | Fitting - Hydraulic Elbow<br>(Incl. Ref. #15 & 17) | 1        |
| 17       | 237-30   | Seal - O-Ring                                      | 2        |
| 18       | 69-5460  | Hose - Hydraulic                                   | 1        |
| 19       | 237-146  | Seal - O-Ring                                      | 3        |
| 20       | 340-15   | Fitting - Hydraulic Elbow<br>(Incl. Ref. #19 & 21) | 3        |
| 21       | 237-58   | Seal - O-Ring                                      | 3        |
| 22       | 69-5650  | Hose - Hydraulic                                   | 1        |
| 23       | 237-42   | Seal - O-Ring                                      | 1        |
| 26       | 69-9020  | Nut - Special                                      | 1        |
| 27       | 32152-4  | Nut - Lock                                         | 2        |

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 28       | 69-9480  | Bracket - Neutral Device                      | 1        |
| 29       | 3219-2   | Nut - Hex.                                    | 1        |
| 30       | 32144-1  | Screw - Hex. Hd.                              | 2        |
| 31       | 69-9040  | Cam - Neutral Device                          | 1        |
| 32       | 3253-21  | Washer - Lock                                 | 3        |
| 33       | 3231-30  | Bolt - Carriage                               | 1        |
| 34       | 3217-7   | Nut - Hex.                                    | 1        |
| 35       | 93-7037  | Bracket - Switch, Lever                       | 1        |
| 36       | 3234-13  | Screw - Hex. Flange Hd.                       | 4        |
| 37       | 32127-11 | Nut - Flexlok                                 | 2        |
| 38       | 29-6170  | Leaf Spring Assembly                          | 1        |
| 39       | 322-17   | Screw - Cap Hex. Hd.                          | 1        |
| 40       | 3210-7   | Screw - Cap Hex. Hd.                          | 1        |
| 41       | 251-259  | Bearing - Neutral Detent                      | 1        |
| 42       | 321-4    | Screw - Cap Hex. Hd.                          | 2        |
| 43       | 29-6150  | Spring - Leaf                                 | 1        |
| 44       | 32153-3  | Nut - Lock                                    | 1        |
| 45       | 69-9050  | Bar - Neutral Device                          | 1        |
| 46       | 3253-3   | Washer - Lock                                 | 2        |
| 47       | 321-10   | Screw - Cap Hex. Hd.                          | 2        |
| 48       | 340-134  | Fitting - Hydraulic Elbow<br>(Incl. Ref. #23) | 1        |
| 49       | 41-8760  | Gasket - Pump                                 | 1        |
| 50       | 93-7424  | Hose - Hydraulic                              | 1        |
| 51       | 323-7    | Screw - Cap Hex. Hd.                          | 2        |
| 52       | 69-2220  | Pump/Valve                                    | 1        |
| 53       | 327-80   | Seal - O-Ring                                 | 2        |

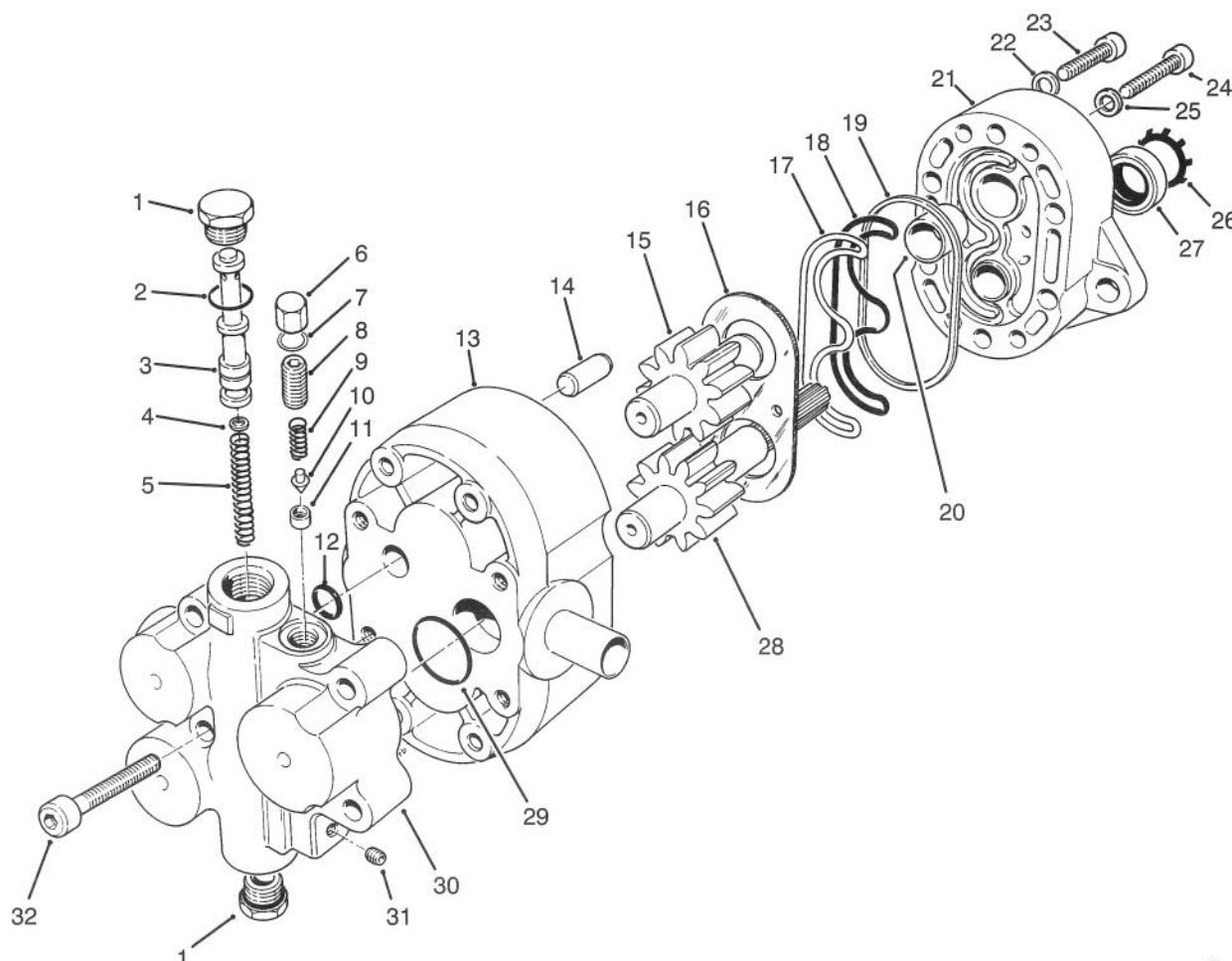


T-0350A

## VARIABLE DISPLACEMENT PUMP INSTALLATION (Cont.)

| Ref. No. | Part No. | Description                                        | No. Used |
|----------|----------|----------------------------------------------------|----------|
| 54       | 340-130  | Fitting - Hydraulic Elbow<br>(Incl. Ref. #25 & 53) | 1        |
| 55       | 340-105  | Fitting - Hydraulic Elbow<br>(Incl. Ref. #17 & 53) | 1        |
| 56       | 69-5450  | Hose - Hydraulic                                   | 1        |
| 57       | 69-5470  | Hose - Hydraulic                                   | 1        |

| Ref. No. | Part No. | Description                                    | No. Used |
|----------|----------|------------------------------------------------|----------|
| 58       | 69-5440  | Hose - Hydraulic                               | 1        |
| 59       | 69-5480  | Hose - Hydraulic                               | 1        |
| 60       | 51-3150  | Shim - Spring                                  | A/R      |
| *        | 93-3219  | Pump Drive Shaft Assembly<br>(incl. Ref. #3-8) | 1        |



T-0374

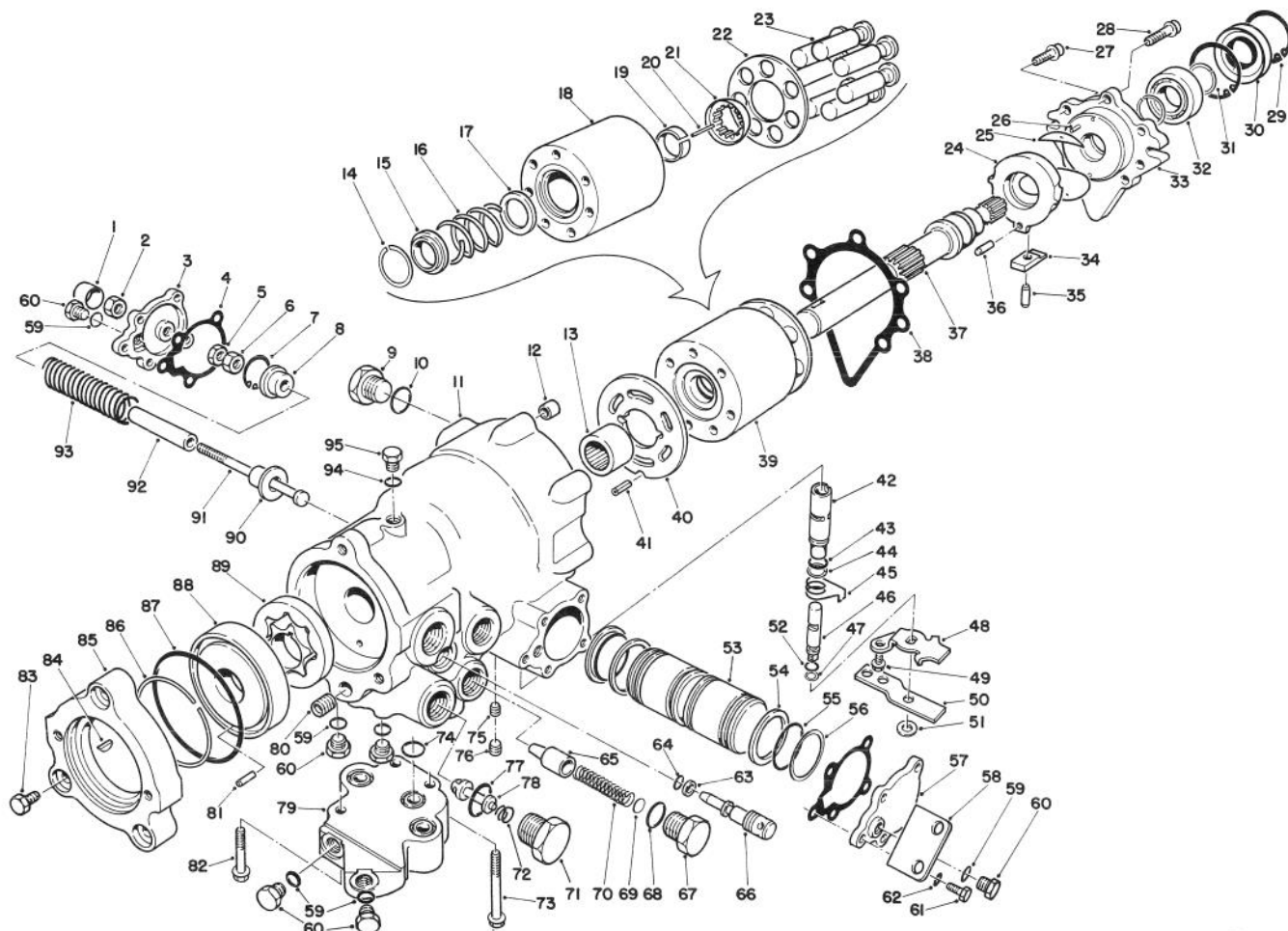
## GEAR PUMP & FLOW DIVIDER NO. 69-2220

| Ref. No. | Part No. | Description                     | No. Used |
|----------|----------|---------------------------------|----------|
| 1        | 69-2410  | Plug (Incl. Ref. #2)            | 2        |
| 2        | 69-2420  | Seal - O-Ring                   | 2        |
| 3        | 69-2450  | Piston                          | 1        |
| 4        | 69-2440  | Orifice                         | 1        |
| 5        | 69-2430  | Spring - Compression            | 1        |
| 6        | 69-2460  | Cap                             | 1        |
| 7        | 69-2470  | Gasket - Cap                    | 1        |
| 8        | 69-2480  | Screw - Set                     | 1        |
| 9        | 69-2490  | Spring - Compression            | 1        |
| 10       | 69-2500  | Poppet                          | 1        |
| 11       | 69-2510  | Seat                            | 1        |
| 12       | 69-2530  | Seal - O-Ring                   | 1        |
| 13       | 69-2540  | Cover Assembly (Incl. Ref. #20) | 1        |
| 14       | 69-2340  | Pin - Dowel                     | 2        |
| 15       | 69-2280  | Shaft/Gear - Idler              | 1        |
| 16       | 69-2320  | Plate - Wear                    | 1        |
| 17       | 69-2260  | Seal - Load                     | 1        |
| 18       | 69-2270  | Seal - Pre-Load                 | 1        |
| 19       | 69-2350  | Ring - Sealing                  | 1        |

| Ref. No. | Part No. | Description                                                                     | No. Used |
|----------|----------|---------------------------------------------------------------------------------|----------|
| 20       | 69-2250  | Bearing - Sleeve                                                                | 4        |
| 21       | 69-2330  | Body Assembly (Incl. Ref. #20)                                                  | 1        |
| 22       | 69-2370  | Washer                                                                          | 4        |
| 23       | 69-2360  | Screw                                                                           | 4        |
| 24       | 69-2380  | Screw                                                                           | 4        |
| 25       | 69-2390  | Washer                                                                          | 4        |
| 26       | 69-2300  | Ring - Retaining                                                                | 1        |
| 27       | 69-2310  | Seal - Shaft                                                                    | 1        |
| 28       | 69-2290  | Shaft/Gear - Drive                                                              | 1        |
| 29       | 69-2400  | Seal - O-Ring                                                                   | 1        |
| 30       | 69-2230  | Flow Divider Assembly (Incl. Ref. #1-11 & 31)                                   | 1        |
| 31       | 69-2520  | Plug - Pipe                                                                     | 1        |
| 32       | 69-2240  | Screw                                                                           | 4        |
| *        | 69-2550  | Repair Kit - Pump (Incl. Ref. #16-19, 22 & 25-27)                               | 1        |
| *        | 69-2560  | Repair Kit - Pump & Divider (Incl. Ref. #2, 7, 9-10, 12, 16-19, 22, 25-27 & 29) | 1        |

\*Not Illustrated





T-0373

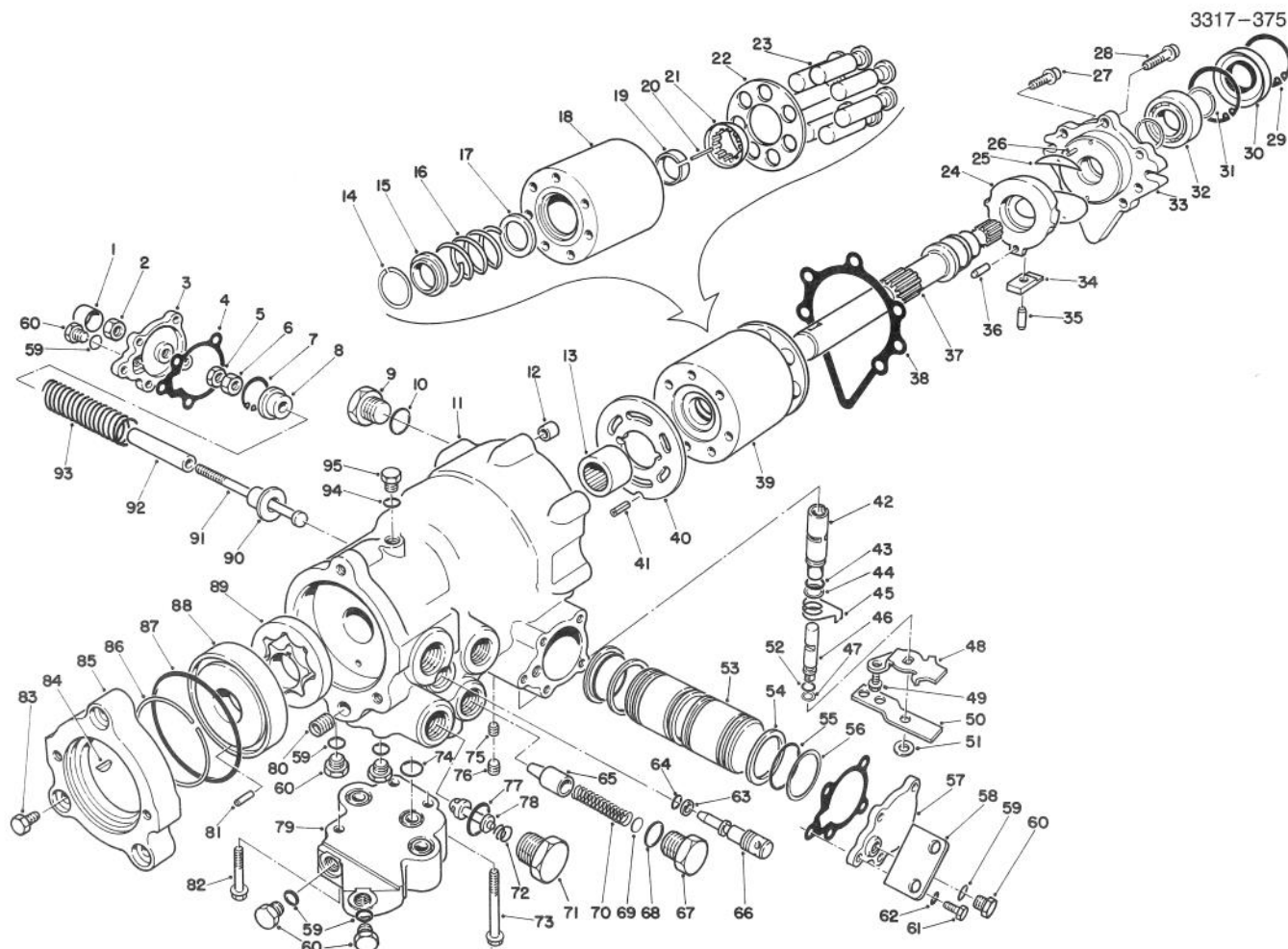
## VARIABLE DISPLACEMENT PUMP NO. 69-3040

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 1        | 69-3620  | Cover - Servo Adjustment | 1        |
| 2        | 69-3630  | Nut Special              | 1        |
| 3        | 69-3640  | Cover - Servo            | 1        |
| 4        | 69-3710  | Gasket - Servo           | 2        |
| 5        | 69-3610  | Nut - Jam                | 1        |
| 6        | 69-3600  | Nut - Hex.               | 1        |
| 7        | 69-3590  | Ring - Retaining         | 1        |
| 8        | 69-3580  | Guide - Spring           | 1        |
| 9        | 69-3130  | Plug (Incl. Ref. #10)    | 1        |
| †10      |          | Seal - O-Ring            | 1        |
| †11      |          | Housing - Pump           | 1        |
| 12       | 69-3230  | Pin - Spring             | 1        |
| 13       | 69-3370  | Bearing - Needle         | 1        |
| †14      |          | Ring - Retaining         | 1        |
| †15      |          | Washer                   | 1        |
| †16      |          | Spring - Compression     | 1        |
| †17      |          | Washer                   | 1        |
| †18      |          | Block - Cylinder         | 1        |
| †19      |          | Retainer                 | 1        |
| †20      |          | Pin - Slipper Hold Down  | 3        |
| †21      |          | Guide - Retainer         | 1        |
| †22      |          | Guide - Slipper          | 1        |
| †23      |          | Piston - Assembly        | 7        |
| 24       | 69-3250  | Swashplate - Variable    | 1        |
| 25       | 69-3240  | Bearing - Journal        | 2        |
| 26       | 69-3520  | Pin                      | 2        |
| 27       | 76-4590  | Screw                    | 6        |

| Ref. No. | Part No. | Description                                | No. Used |
|----------|----------|--------------------------------------------|----------|
| 28       | 69-3220  | Screw                                      | 1        |
| 29       | 69-3200  | Ring - Retaining                           | 2        |
| 30       | 69-3190  | Seal - Lip                                 | 1        |
| 31       | 69-3170  | Ring - Retaining                           | 2        |
| 32       | 69-3210  | Bearing - Ball                             | 1        |
| 33       | 76-4610  | Cover                                      | 1        |
| 34       | 69-3500  | Sleeve - Bearing                           | 1        |
| 35       | 69-3510  | Pin                                        | 1        |
| 36       | 69-3470  | Pin                                        | 1        |
| 37       | 69-3180  | Shaft Pump                                 | 1        |
| 38       | 76-4600  | Gasket - Cover                             | 1        |
| 39       | 69-3910  | Cylinder Block Assembly (Incl. Ref #14-23) | 1        |
| 40       | 69-3360  | Plate - Valve L.H.                         | 1        |
| 41       | 69-3450  | Pin                                        | 1        |
| 42       | 69-3820  | Sleeve - Control Valve                     | 1        |
| 43       | 28-3590  | Seal O-Ring                                | 1        |
| 44       | 28-3580  | Ring - Back Up                             | 1        |
| 45       | 69-3880  | Spring - Neutral Return                    | 1        |
| 46       | 69-3830  | Spool - Rotary Valve                       | 1        |
| 47       | 25-2630  | Ring Back Up                               | 1        |
| 48       | 69-3890  | Bracket - Neutral Return                   | 1        |
| 49       | 69-3860  | Screw - Flange Hd.                         | 1        |
| 50       | 69-3870  | Handle - Control Valve                     | 1        |
| 51       | 69-3900  | Washer                                     | 1        |
| 52       | 69-3840  | Seal - O-Ring                              | 1        |
| 53       | 69-3650  | Piston - Servo                             | 1        |

†Not serviceable separately.



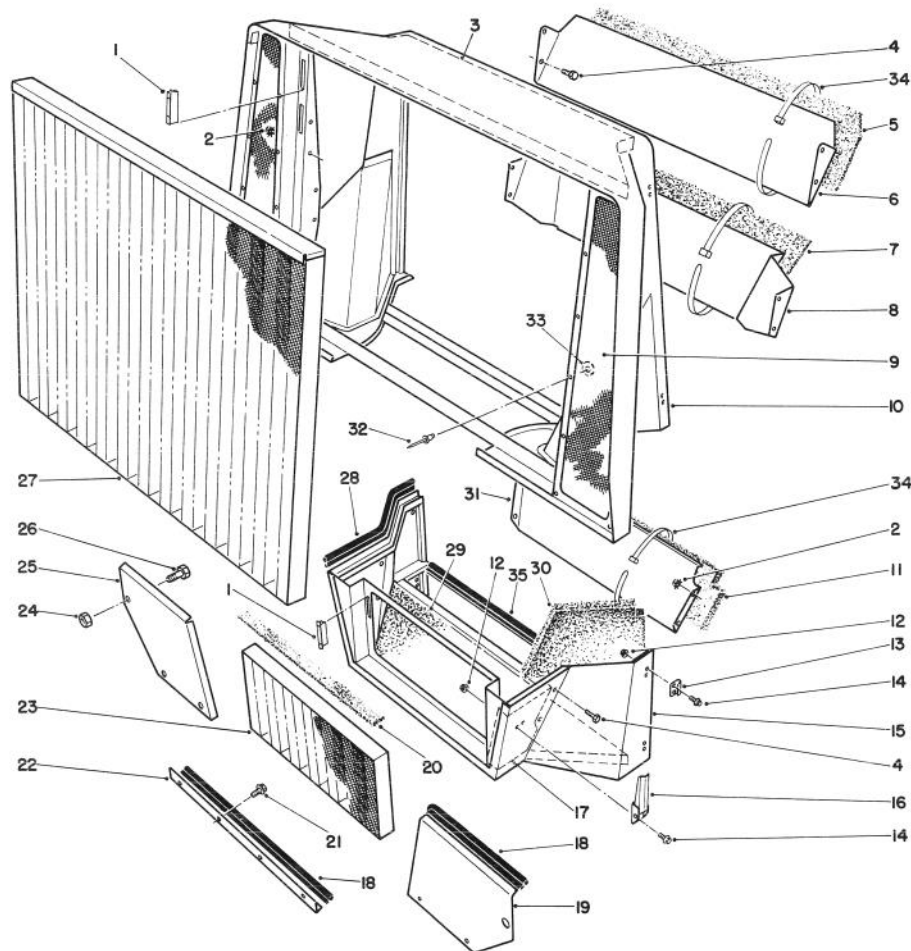


T-0373

## VARIABLE DISPLACEMENT PUMP NO. 69-3040 (Cont.)

| Ref. No. | Part No. | Description                   | No. Used | Ref. No. | Part No. | Description               | No. Used |
|----------|----------|-------------------------------|----------|----------|----------|---------------------------|----------|
| 54       | 69-3690  | Bearing                       | 2        | 76       | 285-17   | Plug - Pipe               | 2        |
| 55       | 69-3560  | Seal - O-Ring                 | 2        | 77       | 69-3750  | Seal - O-Ring             | 2        |
| 56       | 69-3570  | Ring - Piston                 | 2        | 78       | 69-3730  | Valve - Relief            |          |
| 57       | 69-3720  | Cover Servo                   | 1        |          |          | (Incl. Ref. #71, 72 & 77) | 2        |
| 58       | 69-3140  | Bracket - Lifting             | 1        | 79       | 69-3090  | Adapter - Suction         | 1        |
| †59      |          | Seal - O-Ring                 | 6        | 80       | 69-3460  | Plug Expansion            | 1        |
| 60       | 69-3080  | Plug (Incl. Ref. #59)         | 6        | 81       | 69-3550  | Pin                       | 1        |
| 61       | 69-3150  | Screw - Hex. Hd.              | 10       | 82       | 69-3100  | Screw                     | 1        |
| 62       | 69-3070  | Washer - Lock                 | 10       | 83       | 69-3400  | Screw Hex. Hd.            | 3        |
| 63       | 25-2630  | Ring - Back Up                | 1        | 84       | 69-3430  | Key - Woodruff            | 1        |
| 64       | 237-22   | Seal - O-Ring                 | 1        | 85       | 69-3410  | Adapter - A Flange        | 1        |
| 65       | 69-3800  | Valve                         | 1        | 86       | 69-3420  | Ring - Temper Load        | 1        |
| 66       | 69-3810  | Valve - By Pass               | 1        | 87       | 69-3440  | Seal - O-Ring             | 1        |
| 67       | 69-3780  | Plug (Incl. Ref. #68)         | 1        | 88       | 69-3540  | Cover - Gerotor           | 1        |
| 68       | 237-80   | Seal - O-Ring                 | 1        | 89       | 69-3390  | Gerotor Assembly          | 1        |
| 69       | 69-3770  | Shim                          | 1        | 90       | 69-3700  | Guide - Spring            | 1        |
| 70       | 69-3790  | Spring Compression            | 1        | 91       | 69-3660  | Screw - Special           | 1        |
| 71       | 69-3760  | Plug Special (Incl. Ref. #77) | 2        | 92       | 69-3680  | Stop - Servo              | 1        |
| 72       | 69-3740  | Spring - Compression          | 2        | 93       | 69-3670  | Spring - Compression      | 1        |
| 73       | 69-3110  | Screw                         | 2        | †94      |          | Seal O-Ring               | 1        |
| 74       | 69-3160  | Seal - O-Ring                 | 3        | 95       | 69-3120  | Plug (Incl. Ref. #94)     | 1        |
| 75       | 69-3530  | Plug - Orifice                | 1        |          |          |                           |          |

†Not serviceable separately.



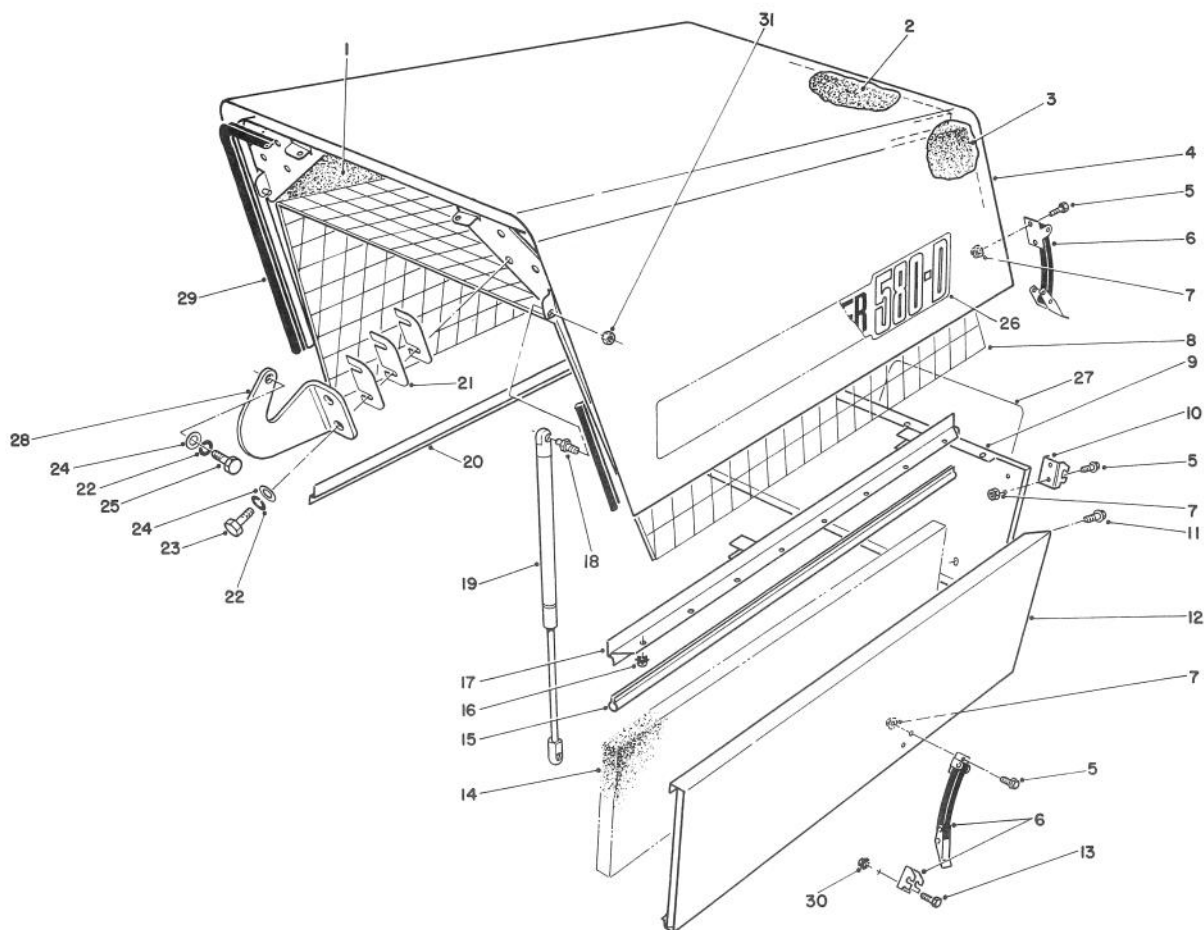
T-0368

## COWL ASSEMBLY

| Ref. No. | Part No. | Description                | No. Used |
|----------|----------|----------------------------|----------|
| 1        | 58-4250  | Magnet                     | 6        |
| 2        | 32149-2  | Nut - Keps                 | 16       |
| 3        | 71-0280  | Foam - Cowl Top            | 1        |
| 4        | 321-2    | Screw - Cap Hex. Hd.       | 16       |
| 5        | 71-0240  | Foam - Louver Top          | 2        |
| 6        | 69-9370  | Louver - Top               | 2        |
| 7        | 71-0230  | Foam - Louver Middle       | 1        |
| 8        | 69-1130  | Louver - Middle            | 1        |
| 9        | 69-9650  | Screen - Cowl              | 2        |
| 10       | 69-8650  | Cowl - Radiator            | 1        |
| *        | 82-6330  | Cowl - Radiator, Optional  | 1        |
| 11       | 71-0220  | Foam - Louver Lower        | 1        |
| 12       | 3296-2   | Nut - Flange Lock          | 20       |
| 13       | 69-3030  | Strike - Latch             | 8        |
| 14       | 3290-321 | Screw - Hex. Washer Hd.    | 20       |
| 15       | 69-8690  | Support - Grille           | 1        |
| 16       | 69-3020  | Handle - Latch             | 2        |
| 17       | 71-0300  | Foam - Low Front Cowl L.H. | 1        |
| *        | 71-0310  | Foam - Low Front Cowl R.H. | 1        |

| Ref. No. | Part No. | Description               | No. Used |
|----------|----------|---------------------------|----------|
| 18       | 69-9721  | Strip - Sealing           | 3        |
| 19       | 75-9460  | Bracket - Sealing L.H.    | 1        |
| 20       | 69-0040  | Foam - Lower Grille       | 1        |
| 21       | 32144-11 | Screw - Hex. Flange Hd.   | 8        |
| 22       | 75-9480  | Bracket - Sealing Bottom  | 1        |
| 23       | 69-7150  | Grille - Lower            | 1        |
| 24       | 32153-6  | Nut Lock                  | 2        |
| 25       | 75-9470  | Bracket - Sealing R.H.    | 1        |
| 26       | 328-11   | Screw - Cap Hex. Hd.      | 2        |
| 27       | 69-7120  | Grille - Upper            | 1        |
| 28       | 69-9720  | Strip - Sealing           | 2        |
| 29       | 71-0290  | Foam - Cowl Bottom        | 1        |
| 30       | 71-0330  | Foam - Low Rear Cowl L.H. | 1        |
| *        | 71-0320  | Foam - Low Rear Cowl R.H. | 1        |
| 31       | 69-1140  | Louver - Lower            | 1        |
| 32       | 3269-15  | Rivet - Pop               | 22       |
| 33       | 3269-6   | Washer - Backup           | 22       |
| 34       | 250-5    | Tie - Cable               | 16       |
| 35       | 69-9722  | Trim - Sealing            | 1        |

\*Not Illustrated



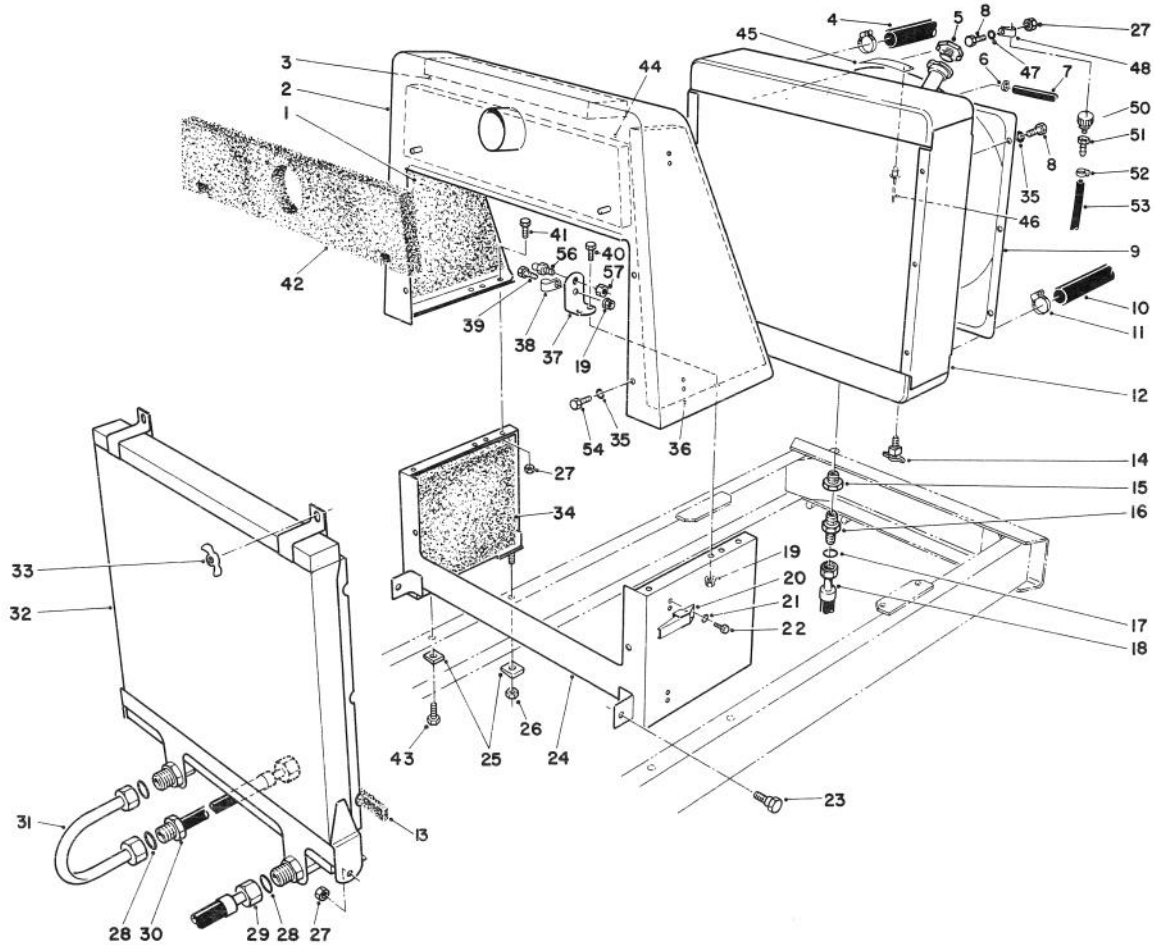
T-0360A

## HOOD ASSEMBLY

| Ref. No. | Part No. | Description                                                 | No. Used | Ref. No. | Part No. | Description          | No. Used |
|----------|----------|-------------------------------------------------------------|----------|----------|----------|----------------------|----------|
| 1        | 71-0270  | Foam - Hood Side R.H.                                       | 1        | 15       | 69-9723  | Seal - Hood Bottom   | 2        |
| 2        | 71-0250  | Foam - Hood Top                                             | 1        | 16       | 32149-2  | Nut - Keps           | 16       |
| 3        | 71-0260  | Foam - Hood Side L.H.                                       | 1        | 17       | 69-8230  | Bracket - Trim L.H.  | 1        |
| 4        | 92-1772  | Hood Assembly<br>(Incl. Ref.#1-4, 8, 15-17,<br>20, 26 & 29) | 1        | 18       | 88-6770  | Stud - Ball          | 2        |
| 5        | 3290-321 | Screw - Cap Hex. Hd.                                        | 12       | 19       | 88-6760  | Spring - Gas         | 2        |
| 6        | 69-3010  | Strap - Hold Down<br>(Incl. Ref. #10)                       | 4        | 20       | 69-8250  | Bracket - Trim R.H.  | 1        |
| 7        | 3296-2   | Nut - Flange Lock                                           | 12       | 21       | 69-8500  | Shim - Hinge Bracket | 6        |
| 8        | 71-0060  | Support - Foam                                              | 1        | 22       | 3253-21  | Washer - Lock        | 6        |
| 9        | 69-9520  | Panel - Rear                                                | 1        | 23       | 323-6    | Screw - Cap Hex. Hd. | 4        |
| †10      |          | Latch - Hold - Down                                         | 4        | 24       | 3256-24  | Washer - Flat        | 6        |
| 11       | 3234-14  | Screw - Cap Hex. Hd.                                        | 6        | 25       | 323-4    | Screw - Cap Hex. Hd. | 2        |
| 12       | 69-1390  | Panel - Side L.H.                                           | 1        | 26       | 69-0950  | Decal - 580D         | 2        |
| *        | 69-1380  | Panel - Side R.H.                                           | 1        | 27       | 66-6140  | Decal - TORO         | 1        |
| 13       | 3290-134 | Screw - Cap Hex. Hd.                                        | 4        | 28       | 69-8520  | Bracket - Hinge      | 2        |
| 14       | 71-0400  | Foam - Side Panel                                           | 2        | 29       | 69-9724  | Seal - Hood Front    | 1        |
|          |          |                                                             |          | 30       | 32149-7  | Nut                  | 4        |
|          |          |                                                             |          | 31       | 32152-1  | Nut                  | 2        |

\*Not Illustrated

†Not serviceable separately.

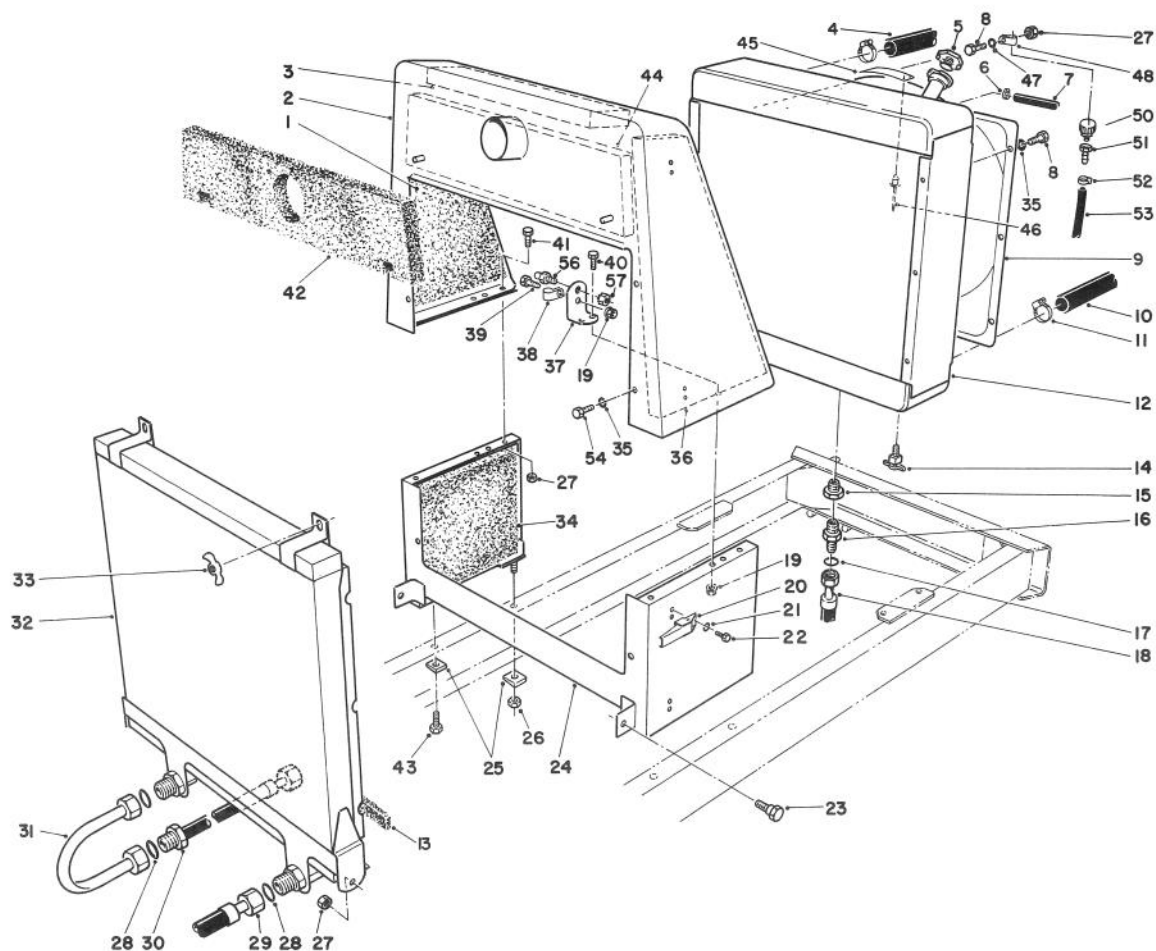


T-0359A

## RADIATOR & OIL COOLER ASSEMBLY

| Ref. No. | Part No. | Description                                      | No. Used |
|----------|----------|--------------------------------------------------|----------|
| 1        | 71-0350  | Foam - Rad. Support R.H.                         | 1        |
| 2        | 69-8590  | Support - Radiator Upper                         | 1        |
| 3        | 71-0360  | Foam - Rad. Support Top                          | 1        |
| 4        | 69-5380  | Hose - Upper Radiator                            | 1        |
| 5        | 66-3241  | Cap - Radiator                                   | 1        |
| 6        | 2412-6   | Clamp - Hose                                     | 1        |
| 7        | 23-2140  | Hose - Radiator Vent                             | 1        |
| 8        | 323-34   | Screw - Cap Hex. Hd.                             | 7        |
| 9        | 13-4239  | Shroud - Fan<br>(Incl. Ref. #45 & 46)            | 1        |
| 10       | 69-5390  | Hose - Lower Radiator                            | 1        |
| 11       | 2412-92  | Clamp - Hose                                     | 4        |
| 12       | 69-1640  | Radiator                                         | 1        |
| 13       | 71-0210  | Foam - Radiator Seal                             | 1        |
| 14       | 304-46   | Valve - Drain                                    | 1        |
| 15       | 2812-4   | Fitting - Reducer                                | 2        |
| 16       | 340-124  | Fitting - Hydraulic Straight<br>(Incl. Ref. #17) | 2        |
| 17       | 237-22   | Seal - O-Ring                                    | 2        |
| 18       | 69-8430  | Hose - Hydraulic                                 | 2        |
| 19       | 32128-20 | Nut - Flange Lock                                | 5        |
| 20       | 69-3020  | Latch                                            | 8        |
| 21       | 3253-2   | Washer - Lock                                    | 16       |
| 22       | 3290-321 | Screw - Cap Hex. Hd.                             | 16       |
| 23       | 46-3380  | Bolt - Shoulder                                  | 2        |
| 24       | 69-7100  | Support - Radiator Lower                         | 1        |

| Ref. No. | Part No. | Description                          | No. Used |
|----------|----------|--------------------------------------|----------|
| 25       | 3290-216 | Washer - Bevel                       | 4        |
| 26       | 32153-5  | Nut - Lock                           | 2        |
| 27       | 32152-2  | Nut - Lock                           | 7        |
| 28       | 340-65   | Seal - O-Ring                        | 3        |
| 29       | 69-5620  | Hose - Hydraulic                     | 1        |
| 30       | 69-8450  | Hose - Hydraulic<br>(Incl. Ref. #28) | 1        |
| 31       | 69-5900  | Tube - Hydraulic                     | 1        |
| 32       | 69-1670  | Cooler - Oil (Incl. Ref. #28)        | 1        |
| 33       | 32103-3  | Nut - Wing                           | 2        |
| 34       | 71-0370  | Foam - Lower Rad. Support            | 2        |
| 35       | 3253-21  | Washer - Lock                        | 12       |
| 36       | 71-0340  | Foam - Rad. Support L.H.             | 1        |
| 37       | 88-9450  | Bracket - Hood Cylinder              | 2        |
| 38       | 2412-41  | Clamp - R                            | 1        |
| 39       | 322-5    | Screw - Cap Hex. Hd.                 | 1        |
| 40       | 322-6    | Screw - Cap Hex. Hd.                 | 4        |
| 41       | 323-7    | Screw - Cap Hex. Hd.                 | 4        |
| 42       | 71-0380  | Foam - Rad. Support Front            | 1        |
| 43       | 325-6    | Screw - Cap Hex. Hd.                 | 2        |
| 44       | 71-0390  | Foam - Rad. Support Rear             | 1        |
| 45       | 76-8750  | Plate - Caution                      | 2        |
| 46       | 3290-271 | Rivet - Pop                          | 4        |
| 47       | 3256-56  | Washer - Flat                        | 2        |
| 48       | 2412-147 | Clamp - R                            | 1        |
| 50       | 68-6150  | Breather                             | 1        |



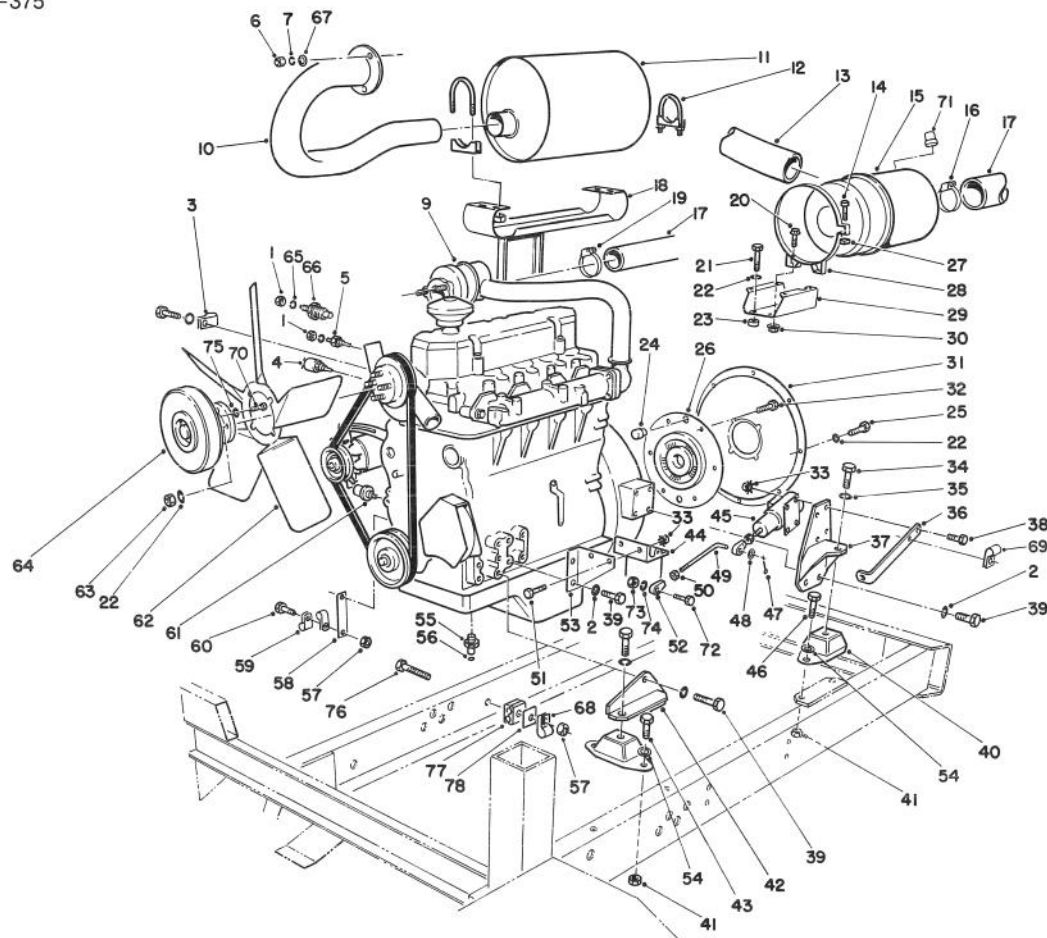
T-0359A

## RADIATOR & OIL COOLER ASSEMBLY (Continued)

| Ref. No. | Part No. | Description  | No. Used |
|----------|----------|--------------|----------|
| 51       | 354-95   | Fitting      | 1        |
| 52       | 2412-108 | Clamp - Hose | 2        |
| 53       | 71-2680  | Hose - Vent  | 1        |

| Ref. No. | Part No. | Description           | No. Used |
|----------|----------|-----------------------|----------|
| 54       | 32144-69 | Screw - Cap, Hex. Hd. | 6        |
| 56       | 88-6770  | Stud - Ball           | 2        |
| 57       | 32152-1  | Nut - Lock            | 2        |





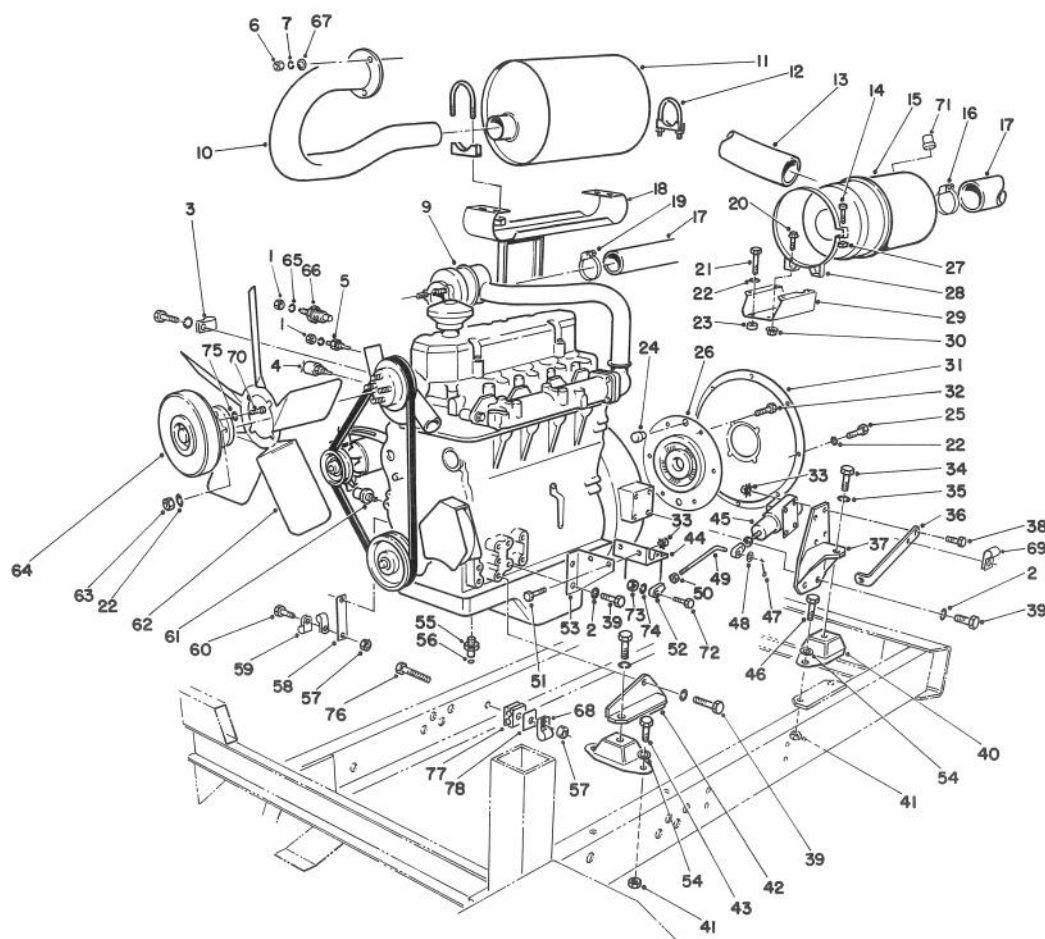
T-0347A

## ENGINE INSTALLATION ASSEMBLY

| Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|---------------------------------------------|----------|
| 1        | 3219-14  | Nut - Hex.                                  | 2        |
| 2        | 48-8070  | Washer - Lock                               | 16       |
| 3        | 2412-70  | Clamp - R                                   | 1        |
| 4        | 67-4510  | Sending Unit - Temperature                  | 1        |
| 5        | 39-7592  | Switch - Temperature                        | 1        |
| 6        | 48-7930  | Nut - Lock                                  | 3        |
| 7        | 48-9570  | Washer - Lock                               | 3        |
| 9        | 69-6250  | Engine - Assembly                           | 1        |
| 10       | 76-0980  | Pipe - Exhaust                              | 1        |
| 11       | 69-9420  | Muffler                                     | 1        |
| 12       | 20-4840  | Clamp - Exhaust                             | 2        |
| 13       | 69-5350  | Hose - Air Cleaner Inlet                    | 1        |
| 14       | 3258-19  | Screw - Machine                             | 2        |
| 15       | 69-1890  | Air Cleaner Assembly                        | 1        |
| 16       | 2412-110 | Clamp - Hose                                | 3        |
| 17       | 69-5360  | Hose - Air Cleaner                          | 1        |
| 18       | 93-4382  | Bracket - Muffler                           | 1        |
| 19       | 2412-42  | Clamp - Hose                                | 1        |
| 20       | 3234-14  | Screw - Hex. Washer Hd.                     | 4        |
| 21       | 48-9480  | Screw - Cap Hex. Hd.                        | 4        |
| 22       | 48-9590  | Washer - Lock                               | 16       |
| 23       | 17-7190  | Spacer                                      | 4        |
| 24       | 58-3590  | Pin - Flywheel                              | 2        |
| 25       | 48-9470  | Screw - Cap Hex. Hd.                        | 8        |
| 26       | 92-1753  | Coupling - Spring Centering                 | 1        |
| 27       | 32107-11 | Nut - Square                                | 2        |
| 28       | 69-1950  | Band - Air Cleaner<br>(Incl. Ref. #14 & 27) | 2        |

| Ref. No. | Part No. | Description                           | No. Used |
|----------|----------|---------------------------------------|----------|
| 29       | 69-9530  | Bracket - Air Cleaner                 | 1        |
| 30       | 32128-20 | Nut - Flange Lock                     | 4        |
| 31       | 69-9550  | Plate - Adapter                       | 1        |
| 32       | 48-7780  | Screw - Cap Hex. Hd.                  | 6        |
| 33       | 32149-2  | Nut - Keps                            | 5        |
| 34       | 69-8410  | Screw - Cap Hex. Hd.                  | 4        |
| 35       | 69-8420  | Washer - Lock                         | 4        |
| 36       | 69-8490  | Bracket - Throttle Cable              | 1        |
| 37       | 85-6210  | Bracket - Rear Eng. Mount             | 2        |
| 38       | 321-6    | Screw - Cap Hex. Hd.                  | 3        |
| 39       | 69-0060  | Screw - Cap Hex. Hd.                  | 16       |
| 40       | 69-1660  | Mount - Engine                        | 4        |
| 41       | 32153-5  | Nut - Lock                            | 8        |
| 42       | 69-7580  | Bracket - Front Engine<br>Mount L.H.  | 1        |
| *        | 69-7570  | Bracket - Front Engine<br>Mount R. H. | 1        |
| 43       | 325-17   | Screw - Cap Hex. Hd.                  | 4        |
| 44       | 69-1750  | Fuel Filter Assembly                  | 1        |
| 45       | 85-6230  | Solenoid - Engine Run                 | 1        |
| 46       | 325-4    | Screw - Cap Hex. Hd.                  | 4        |
| 47       | 3272-6   | Pin - Cotter                          | 1        |
| 48       | 3256-1   | Washer - Flat                         | 1        |
| 49       | 69-9110  | Rod - Engine Run Solenoid             | 1        |
| 50       | 3220-1   | Nut - Jam                             | 2        |
| 51       | 321-4    | Screw - Cap Hex. Hd.                  | 2        |
| 52       | 2411-41  | End - Rod                             | 2        |
| 53       | 69-9360  | Bracket - Fuel Filter                 | 1        |

\*Not Illustrated



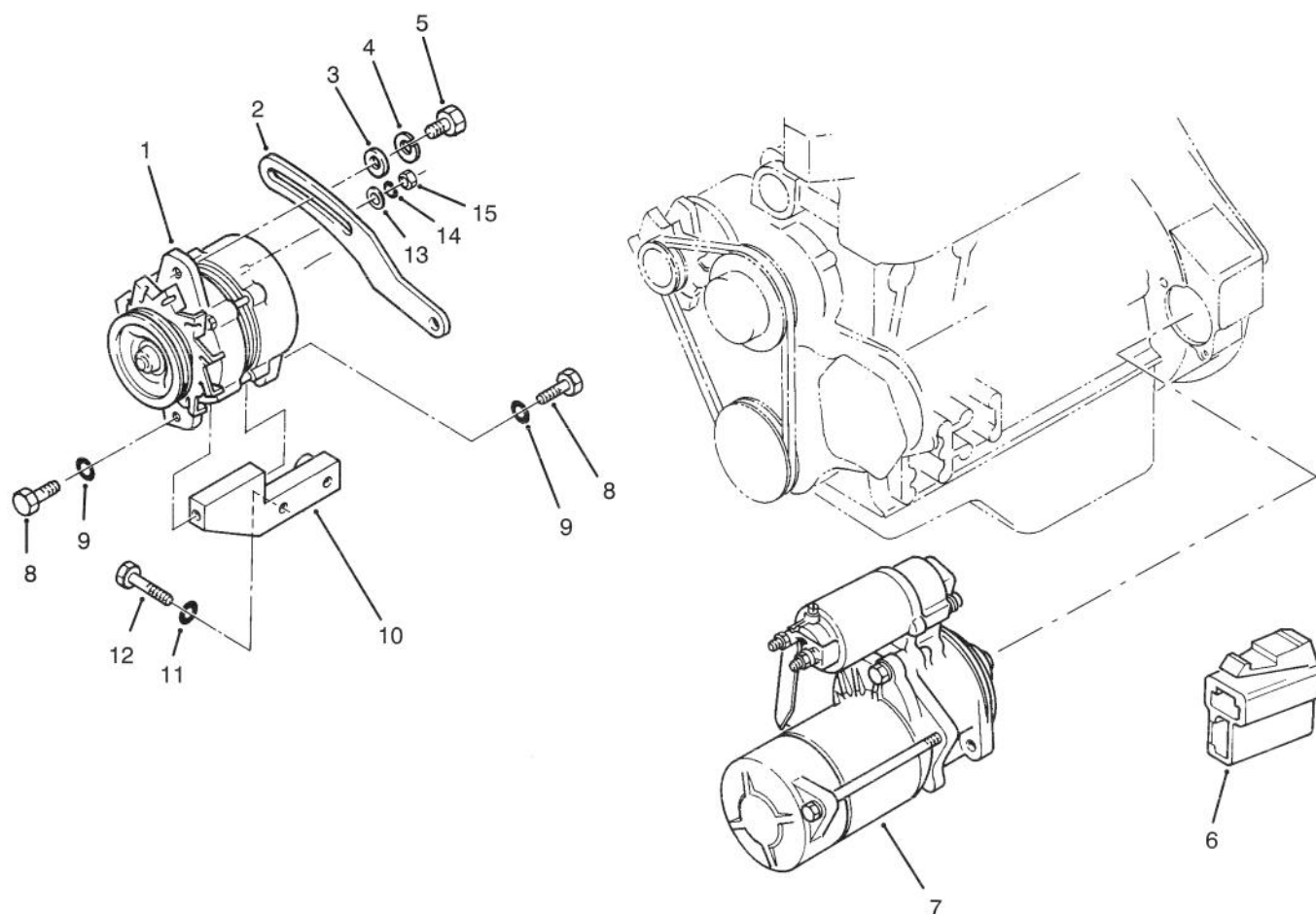
T-0347A

## ENGINE INSTALLATION ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                                   | No. Used | Ref. No. | Part No. | Description                 | No. Used |
|----------|----------|-----------------------------------------------|----------|----------|----------|-----------------------------|----------|
| 54       | 3256-26  | Washer - Flat                                 | 8        | 66       | 39-7591  | Thermo Switch Assembly      | 1        |
| 55       | 69-8460  | Fitting - Hydraulic Straight (Incl. Ref. #56) | 2        | 67       | 3256-3   | Washer - Flat               | 3        |
| 56       | 237-22   | Seal - O-Ring                                 | 2        | 68       | 2412-39  | Clamp - R                   | 1        |
| 57       | 32152-1  | Nut - Lock                                    | 2        | 69       | 2412-73  | Clamp - R                   | 1        |
| 58       | 69-9070  | Bracket - Clamp                               | 1        | 70       | 323-4    | Screw - Cap Hex. Hd.        | 4        |
| 59       | 2412-41  | Clamp - R                                     | 2        | 71       | 69-1940  | Indicator - Electrical      | 1        |
| 60       | 323-6    | Screw - Cap Hex. Hd.                          | 1        | 72       | 48-7630  | Screw                       | 1        |
| 61       | 71-4280  | Sending Unit - Oil Pressure                   | 1        | 73       | 48-7890  | Nut - Hex.                  | 1        |
| 62       | 69-1680  | Fan                                           | 1        | 74       | 3253-3   | Washer - Lock               | 1        |
| 63       | 69-9710  | Nut - Lock                                    | 4        | 75       | 3253-21  | Washer - Lock               | 4        |
| 64       | 69-1690  | Clutch - Fan                                  | 1        | 76       | 322-13   | Screw - Cap Hex. Hd.        | 1        |
| 65       | 3253-2   | Washer - Lock                                 | 2        | 77       | 56-7974  | Clamp Half - Hydraulic Line | 2        |
|          |          |                                               |          | 78       | 69-9761  | Plate - Cover               | 1        |

\*Not Illustrated



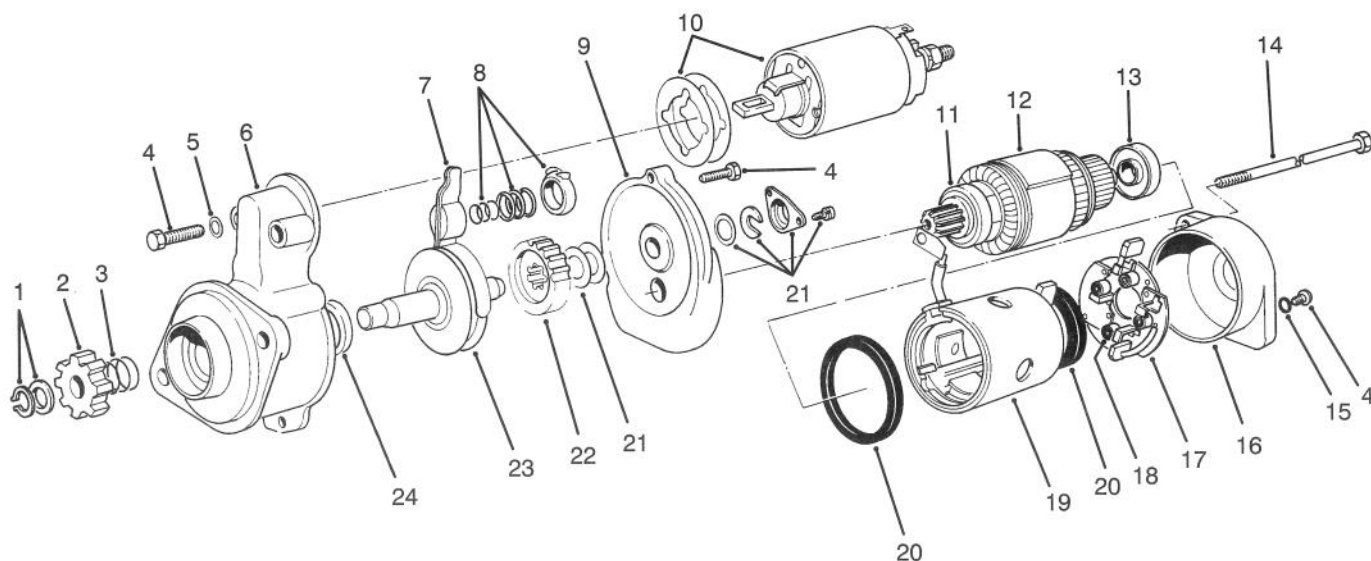


T-0580

## STARTER & ALTERNATOR INSTALLATION ASSEMBLY

| Ref. No. | Part No. | Description         | No. Used |
|----------|----------|---------------------|----------|
| 1        | 70-5760  | Alternator Assembly | 1        |
| 2        | 70-5740  | Plate               | 1        |
| 3        | 51-8590  | Washer              | 1        |
| 4        | 51-7250  | Washer - Lock       | 1        |
| 5        | 60-7370  | Bolt                | 1        |
| 6        | 59-6910  | Connector           | 1        |
| 7        | 70-5860  | Starter Assembly    | 1        |
| 8        | 51-8640  | Bolt                | 2        |

| Ref. No. | Part No. | Description   | No. Used |
|----------|----------|---------------|----------|
| 9        | 51-6390  | Washer - Lock | 2        |
| 10       | 70-5750  | Bracket       | 1        |
| 11       | 51-8610  | Washer - Lock | 2        |
| 12       | 70-2940  | Bolt          | 2        |
| 13       | 5-3637   | Washer - Flat | 1        |
| 14       | 43-5920  | Washer - Lock | 1        |
| 15       | 43-5970  | Nut - Hex.    | 1        |



T-0160

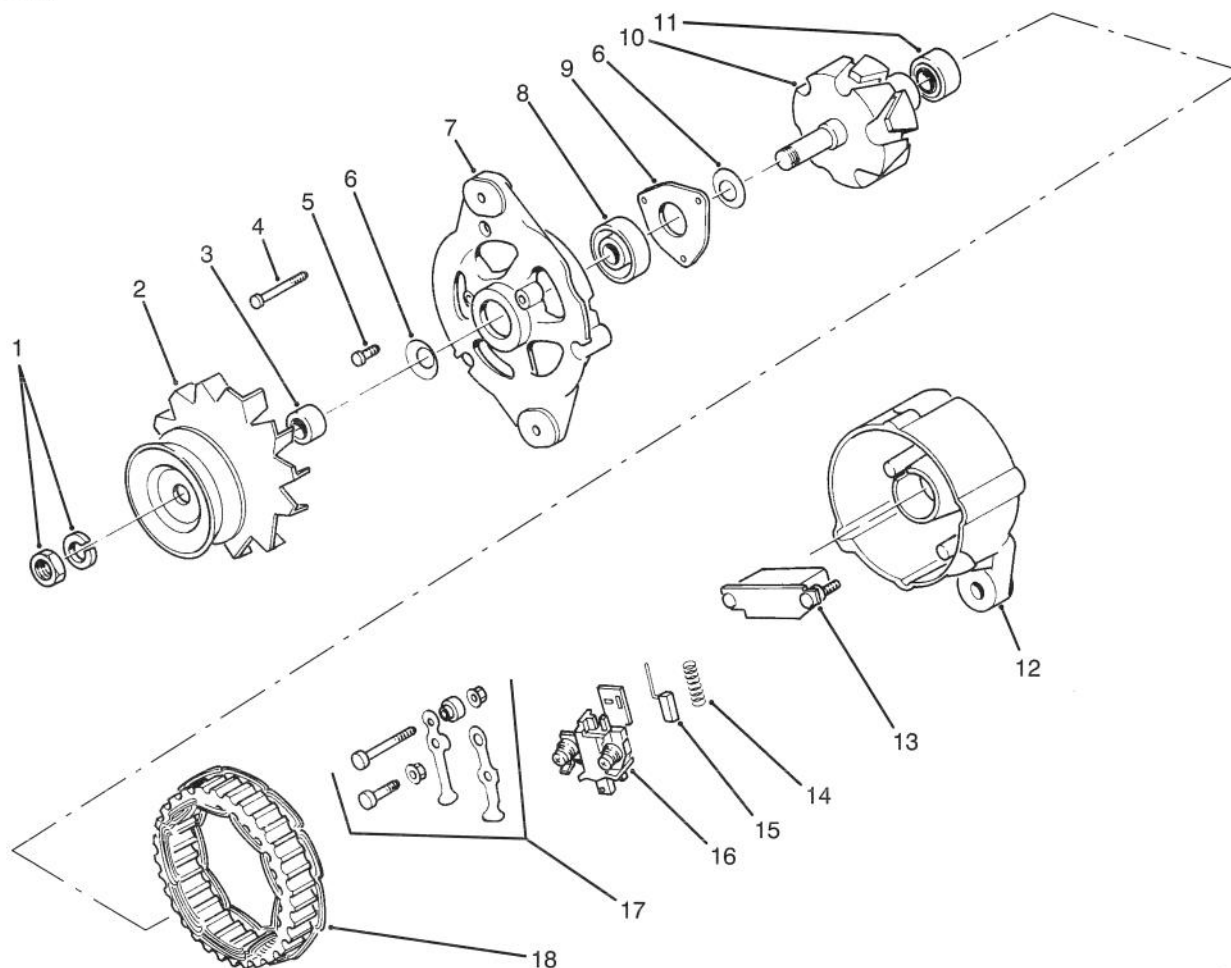
## STARTER MOTOR ASSEMBLY NO. 70-5860

| Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|---------------------------------------------|----------|
| 1        | 51-7740  | Retaining Ring Assembly                     | 1        |
| 2        | 51-7730  | Gear Pinion Assembly<br>(Incl. Ref. #1 & 3) | 1        |
| †3       |          | Spring                                      | 1        |
| 4        | 51-7600  | Screw Set                                   | 1        |
| 5        | 51-7610  | Packing                                     | 2        |
| 6        | 70-3280  | Cover Assembly Front<br>(Incl. Ref. #24)    | 1        |
| 7        | 51-7640  | Lever Assembly                              | 1        |
| 8        | 51-7650  | Spring Assembly                             | 1        |
| 9        | 51-7660  | Bracket Assembly Center                     | 1        |
| 10       | 51-7670  | Solenoid                                    | 1        |
| 11       | 51-7690  | Bearing                                     | 1        |
| 12       | 70-3260  | Armature Assembly<br>(Incl. Ref. #11 & 13)  | 1        |
| 13       | 70-3330  | Bearing                                     | 1        |

| Ref. No. | Part No. | Description                               | No. Used |
|----------|----------|-------------------------------------------|----------|
| 14       | 70-3310  | Bolt Set                                  | 1        |
| 15       | 51-7840  | Ring - Rubber                             | 2        |
| 16       | 51-7830  | Cover - Rear                              | 1        |
| 17       | 70-3290  | Brush Holder Assembly<br>(Incl. Ref. #18) | 1        |
| 18       | 70-3270  | Spring - Brush                            | 4        |
| 19       | 70-3300  | Yoke Assembly                             | 1        |
| 20       | 51-7790  | Packing                                   | 2        |
| 21       | 51-7780  | Cover Assembly                            | 1        |
| 22       | 51-7770  | Gear - Pinion                             | 1        |
| 23       | 51-7760  | Shaft Assembly                            | 1        |
| 24       | 51-7630  | Seal - Oil                                | 1        |
| *        | 51-7750  | Gear Assembly<br>(Incl. Ref. #22 & 23)    | 1        |
| *        | 51-7720  | Clutch Assy.<br>(Incl. Ref. #1-3 & 21-24) | 1        |

\*Not Illustrated

†Not Serviceable Separately



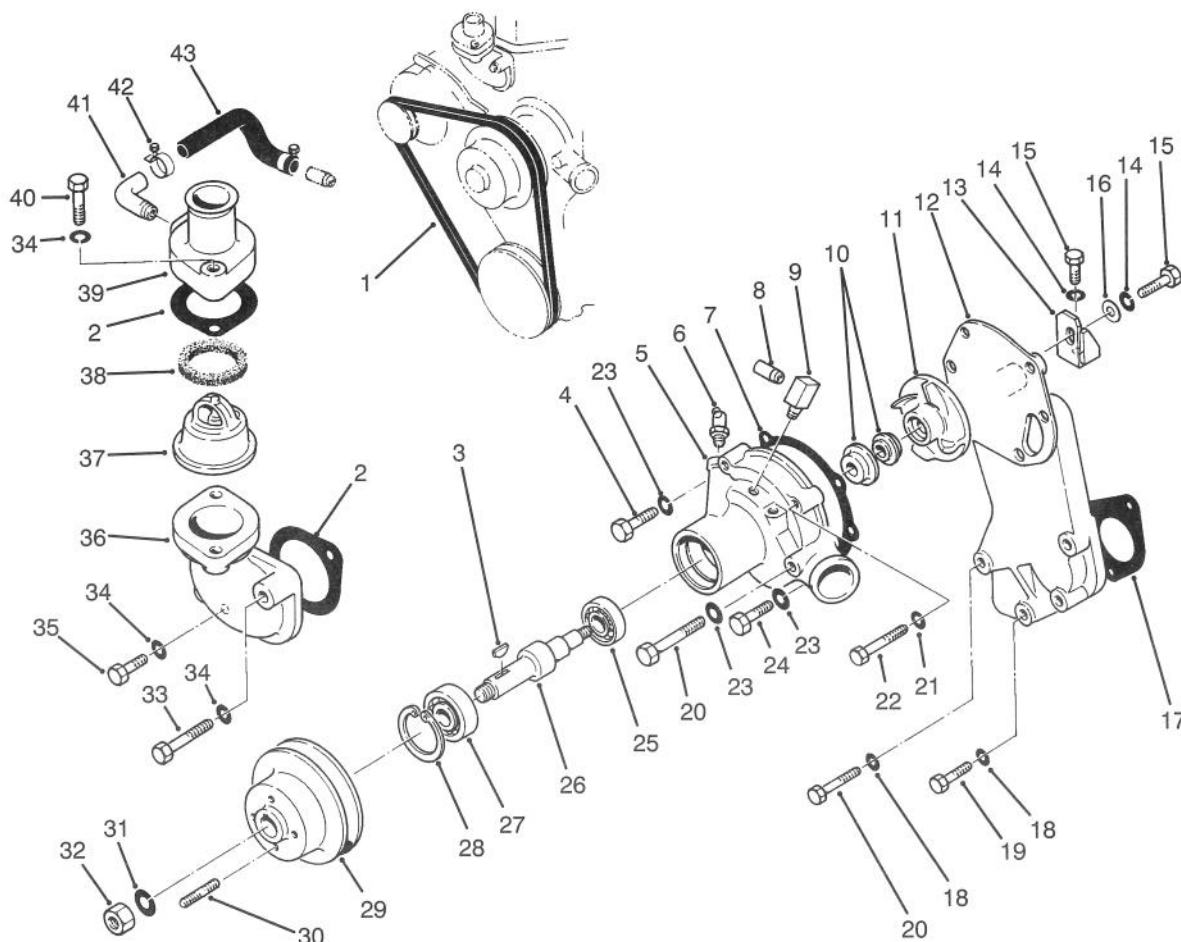
T-0161

## ALTERNATOR ASSEMBLY NO. 70-5760

| Ref. No. | Part No. | Description                                         | No. Used |
|----------|----------|-----------------------------------------------------|----------|
| 1        | 51-7850  | Nut Assembly                                        | 1        |
| 2        | 70-2800  | Pulley Assembly<br>(Incl. Ref. #3)                  | 1        |
| †3       |          | Collar - Shaft                                      | 1        |
| 4        | 51-7870  | Screw Set                                           | 1        |
| 5        | 51-7890  | Screw Set                                           | 1        |
| †6       |          | Spring Washer                                       | 2        |
| 7        | 60-5340  | Cover Assembly - Front<br>(Incl. Ref. #5, 6, 8 & 9) | 1        |
| 8        | 70-3320  | Bearing                                             | 1        |
| †9       |          | Plate - Bearing Retainer                            | 1        |

| Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------------------------------|----------|
| 10       | 51-7910  | Rotor Assembly<br>(Incl. Ref. #11)           | 1        |
| 11       | 60-5360  | Bearing                                      | 1        |
| 12       | 60-5380  | Cover Assembly - Rear<br>(Incl. Ref. #13-17) | 1        |
| 13       | 60-5370  | Rectifier Assembly                           | 1        |
| 14       | 70-2810  | Spring - Return                              | 2        |
| 15       | 51-7970  | Brush                                        | 2        |
| 16       | 51-7960  | Regulator Assembly<br>(Incl. Ref. #14 & 15)  | 1        |
| 17       | 51-7950  | Terminal Assembly                            | 1        |
| 18       | 51-7930  | Stator                                       | 1        |

†Not Serviceable Separately



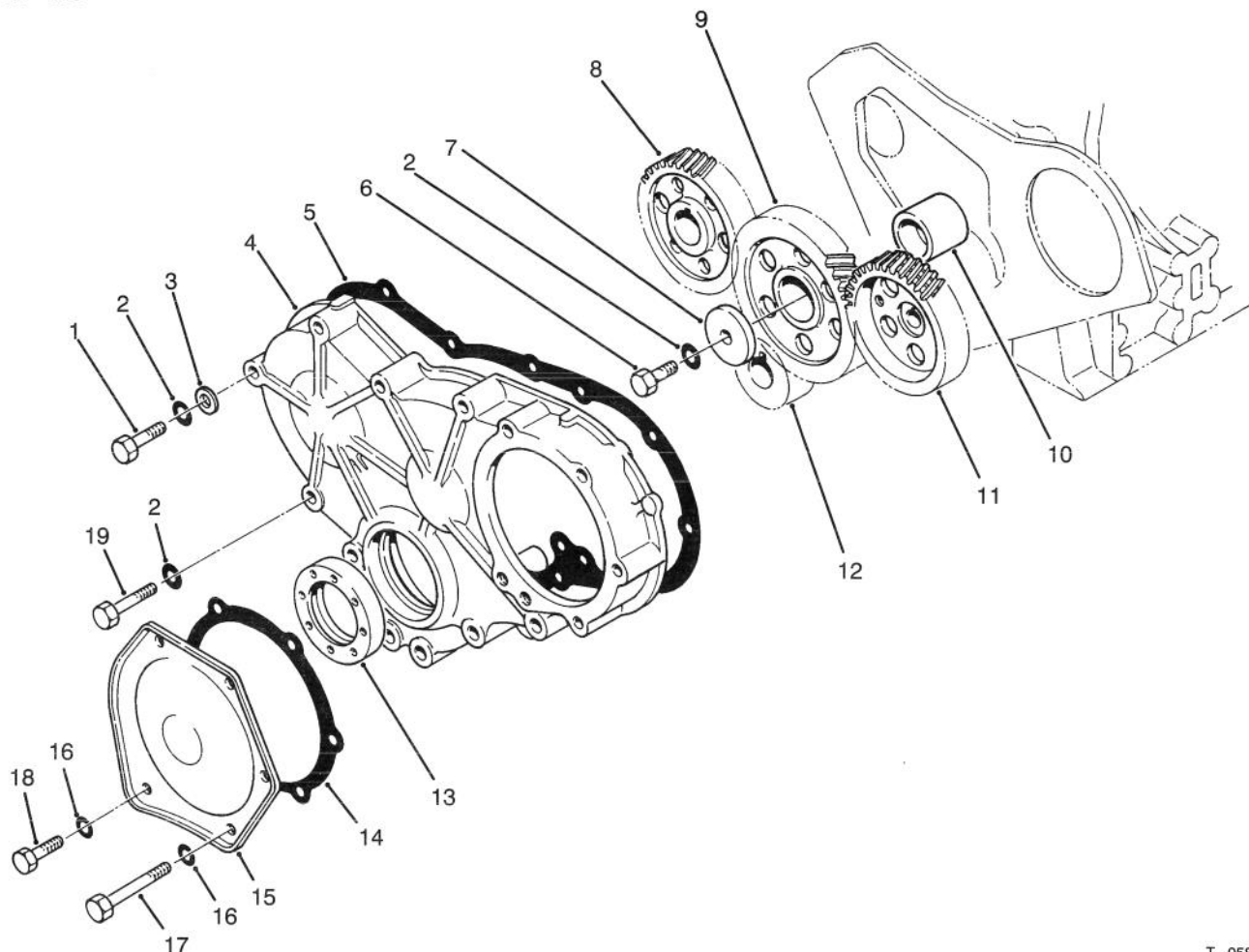
T-0581

## WATER PUMP ASSEMBLY

| Ref. No. | Part No. | Description                                           | No. Used |
|----------|----------|-------------------------------------------------------|----------|
| 1        | 70-3450  | V-Belt                                                | 1        |
| †2       | 51-7210  | Gasket                                                | 2        |
| 3        | 51-6960  | Key                                                   | 1        |
| 4        | 70-2910  | Bolt                                                  | 1        |
| 5        | 70-5600  | Water Pump Assembly<br>(Incl. Ref #3-4, 6-11 & 25-32) | 1        |
| 6        | 51-7020  | Nipple                                                | 1        |
| 7        | 70-5650  | Gasket                                                | 1        |
| 8        | 51-7170  | Pipe                                                  | 1        |
| 9        | 70-5620  | Connector                                             | 1        |
| 10       | 51-7030  | Seal                                                  | 1        |
| 11       | 70-5610  | Impeller                                              | 1        |
| 12       | 70-5640  | Bracket                                               | 1        |
| 13       | 70-5670  | Stay                                                  | 1        |
| 14       | 51-6390  | Washer - Lock                                         | 2        |
| 15       | 70-2890  | Bolt                                                  | 2        |
| 16       | 70-2990  | Washer                                                | 1        |
| †17      | 70-5660  | Gasket                                                | 1        |
| 18       | 51-6390  | Washer - Lock                                         | 4        |
| 19       | 70-2900  | Bolt                                                  | 1        |
| 20       | 70-2920  | Bolt                                                  | 3        |
| 21       | 51-6920  | Washer - Lock                                         | 2        |

| Ref. No. | Part No. | Description   | No. Used |
|----------|----------|---------------|----------|
| 22       | 70-2850  | Bolt          | 2        |
| 23       | 51-6390  | Washer - Lock | 4        |
| 24       | 51-4910  | Bolt          | 2        |
| 25       | 51-6980  | Bearing       | 1        |
| 26       | 70-5630  | Shaft         | 1        |
| 27       | 51-6950  | Bearing       | 1        |
| 28       | 51-6940  | Ring          | 1        |
| 29       | 70-5680  | Pulley        | 1        |
| 30       | 70-2950  | Stud          | 4        |
| 31       | 51-6920  | Washer - Lock | 1        |
| 32       | 51-6910  | Nut           | 1        |
| 33       | 70-2860  | Bolt          | 1        |
| 34       | 51-7250  | Washer - Lock | 4        |
| 35       | 60-7280  | Bolt          | 1        |
| 36       | 70-5690  | Elbow         | 1        |
| 37       | 51-7230  | Thermostat    | 1        |
| †38      | 51-7220  | Gasket        | 1        |
| 39       | 70-5050  | Cover         | 1        |
| 40       | 60-7040  | Bolt          | 2        |
| 41       | 70-5590  | Connector     | 1        |
| 42       | 51-7200  | Clamp         | 2        |
| 43       | 70-5040  | Hose          | 1        |

†Included in Gasket Set No. 70-6950



T-0582

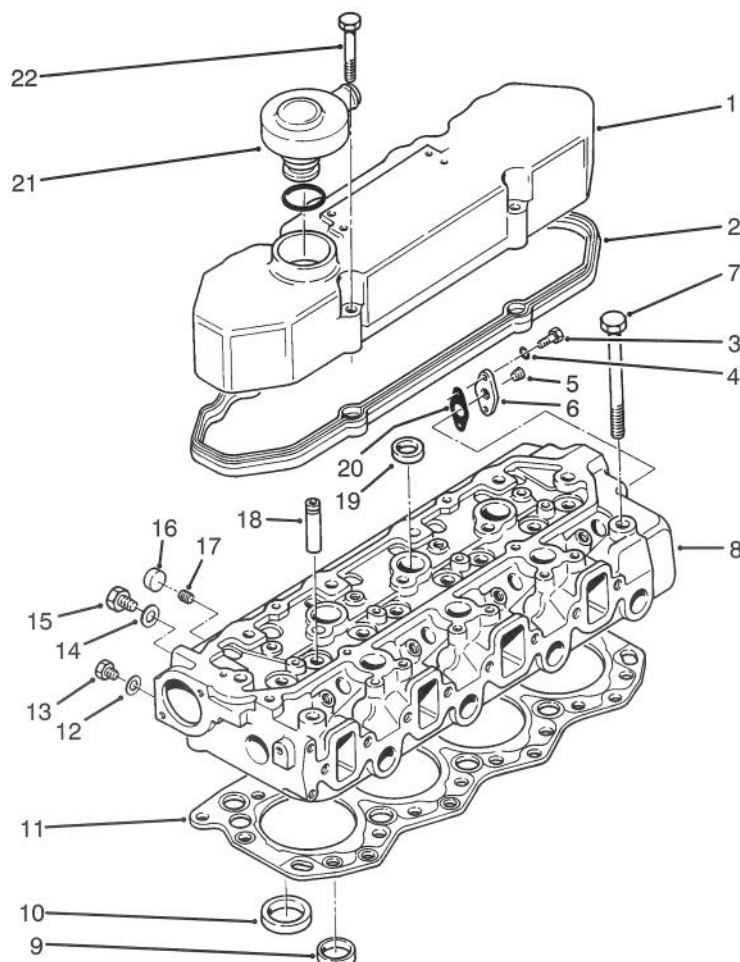
## TIMING GEAR CASE ASSEMBLY

| Ref. No. | Part No. | Description                        | No. Used |
|----------|----------|------------------------------------|----------|
| 1        | 51-4920  | Bolt                               | 1        |
| 2        | 51-6390  | Washer - Lock                      | 11       |
| 3        | 70-2990  | Washer                             | 1        |
| 4        | 70-5790  | Case                               | 1        |
| †5       | 70-5370  | Gasket                             | 1        |
| 6        | 60-7210  | Bolt                               | 1        |
| 7        | 51-6400  | Plate                              | 1        |
| 8        | 70-5020  | Gear - Camshaft                    | 1        |
| 9        | 70-5450  | Idler Assembly<br>(Incl. Ref. #10) | 1        |

| Ref. No. | Part No. | Description           | No. Used |
|----------|----------|-----------------------|----------|
| 10       | 51-6430  | Bushing               | 1        |
| 11       | 70-6040  | Gear - Injection Pump | 1        |
| 12       | 70-5830  | Gear - Crankshaft     | 1        |
| †13      | 70-5780  | Seal                  | 1        |
| †14      | 51-5860  | Gasket                | 1        |
| 15       | 51-5850  | Cover                 | 1        |
| 16       | 51-7250  | Washer - Lock         | 5        |
| 17       | 70-2860  | Bolt                  | 4        |
| 18       | 60-7110  | Bolt                  | 1        |
| 19       | 70-2930  | Bolt                  | 9        |

†Included in Gasket Set No. 70-6950

‡Included In Oil Seal Kit No. 70-6960

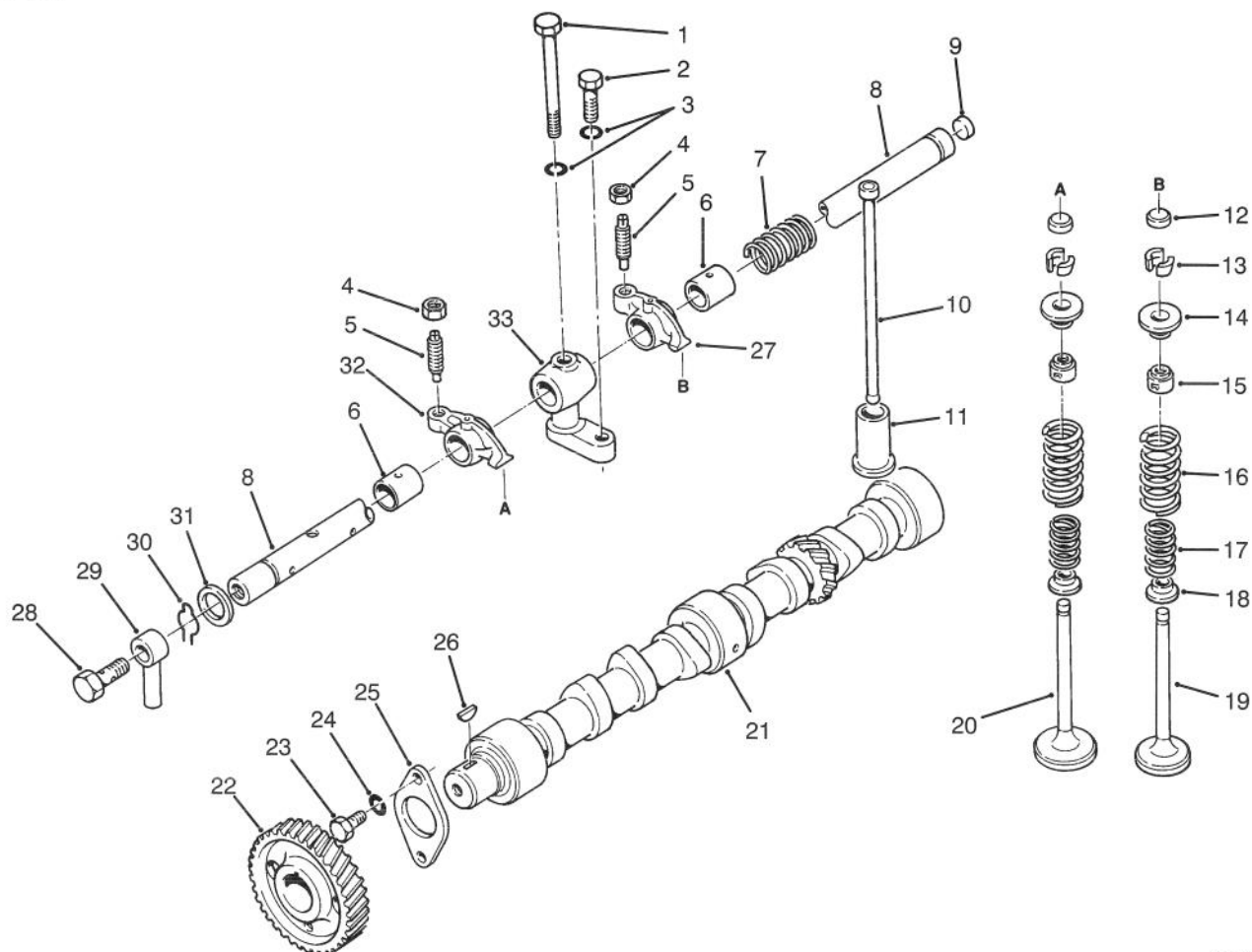


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## ROCKER COVER & CYLINDER HEAD ASSEMBLY

| Ref. No. | Part No. | Description                                                  | No. Used | Ref. No. | Part No. | Description | No. Used |
|----------|----------|--------------------------------------------------------------|----------|----------|----------|-------------|----------|
| 1        | 93-3681  | Cover                                                        | 1        | †11      | 70-5130  | Gasket      | 1        |
| †2       | 93-3682  | Gasket                                                       | 1        | †12      | 51-5840  | Washer      | 1        |
| 3        | 60-7280  | Bolt                                                         | 2        | 13       | 70-3100  | Plug        | 1        |
| 4        | 51-7250  | Washer - Lock                                                | 2        | †14      | 51-6890  | Gasket      | 1        |
| 5        | 70-5140  | Plug                                                         | 1        | 15       | 70-3230  | Plug        | 1        |
| 6        | 70-5890  | Flange                                                       | 1        | 16       | 70-3360  | Cap         | 4        |
| 7        | 63-4740  | Bolt                                                         | 17       | 17       | 70-3390  | Plug        | 4        |
| 8        | 70-5900  | Cylinder Head Assembly<br>(Incl. Ref. #3-6, 9-10 &<br>12-20) | 1        | 18       | 51-4950  | Guide       | 8        |
| 9        | 70-5870  | Insert - Exhaust                                             | 4        | 19       | 70-3380  | Cap         | 15       |
| 10       | 70-5880  | Insert - Inlet                                               | 4        | 20       | 70-5090  | Gasket      | 1        |
|          |          |                                                              |          | 21       | 70-5570  | Breather    | 1        |
|          |          |                                                              |          | 22       | 70-2930  | Bolt        | 4        |

†Included in Gasket Set No. 70-6950



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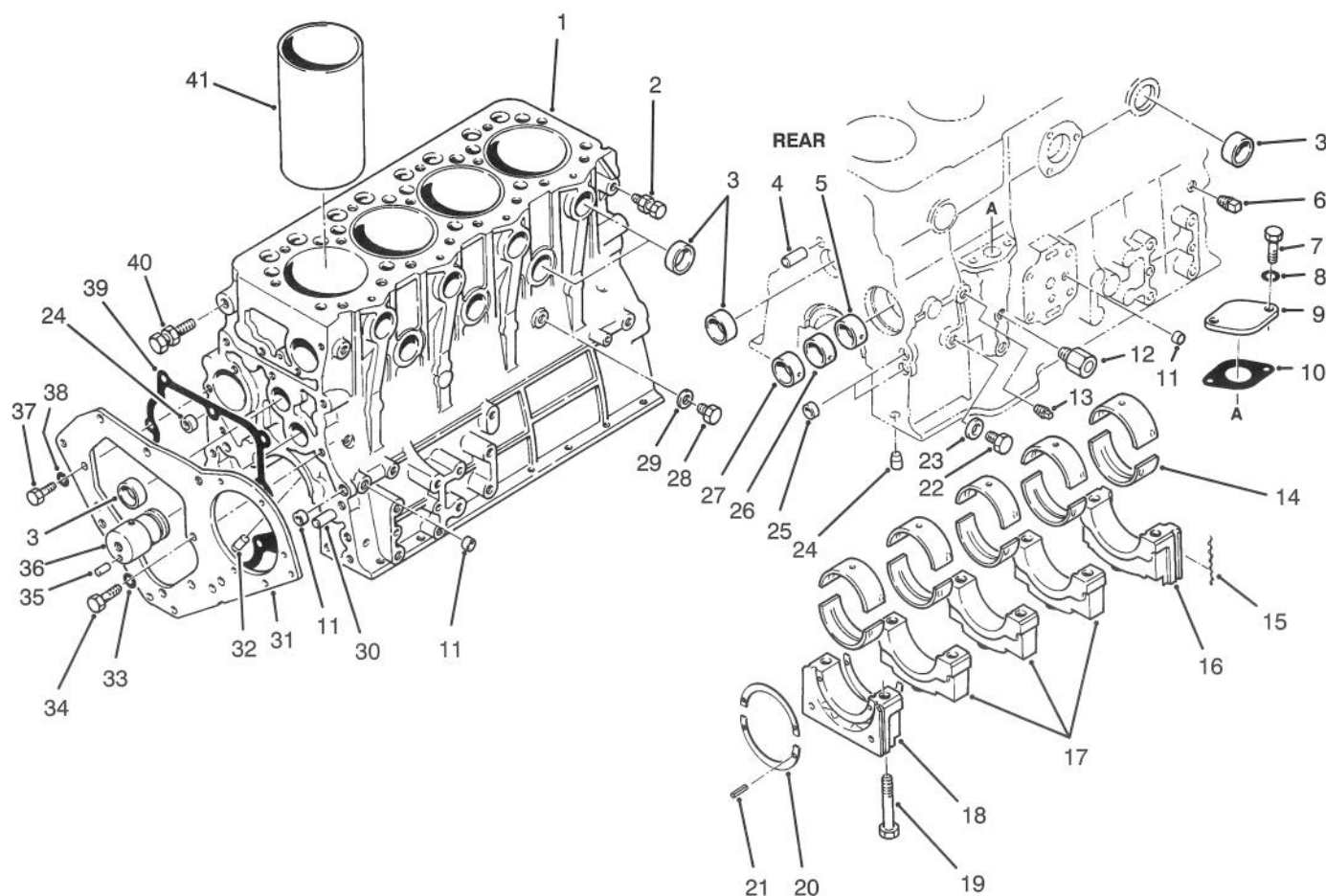
## VALVE & CAMSHAFT ASSEMBLY

| Ref. No. | Part No. | Description                              | No. Used |
|----------|----------|------------------------------------------|----------|
| 1        | 70-2870  | Bolt                                     | 4        |
| 2        | 60-7280  | Bolt                                     | 4        |
| 3        | 51-7250  | Washer - Lock                            | 8        |
| 4        | 70-2970  | Nut                                      | 8        |
| 5        | 70-3160  | Screw                                    | 8        |
| 6        | 70-5080  | Bushing                                  | 8        |
| 7        | 70-5190  | Spring                                   | 3        |
| 8        | 70-5180  | Rocker Shaft Assembly<br>(Incl. Ref. #9) | 1        |
| 9        | 51-5090  | Plug                                     | 1        |
| 10       | 70-5230  | Rod - Push                               | 8        |
| 11       | 70-5010  | Tappet                                   | 8        |
| 12       | 51-5280  | Cap                                      | 8        |
| 13       | 51-5290  | Cotter<br>(Available in set w/pair)      | 16       |
| 14       | 51-5300  | Retainer                                 | 8        |
| †15      | 51-5310  | Seal                                     | 8        |
| 16       | 70-5930  | Spring                                   | 8        |
| 17       | 70-4990  | Spring                                   | 8        |

| Ref. No. | Part No. | Description                                    | No. Used |
|----------|----------|------------------------------------------------|----------|
| 18       | 70-5000  | Retainer                                       | 8        |
| 19       | 70-5920  | Valve - Exhaust                                | 4        |
| 20       | 70-5910  | Valve - Inlet                                  | 4        |
| 21       | 70-5940  | Camshaft                                       | 1        |
| 22       | 70-5020  | Gear - Camshaft                                | 1        |
| 23       | 60-7110  | Bolt                                           | 2        |
| 24       | 51-7250  | Washer - Lock                                  | 2        |
| 25       | 51-5470  | Plate                                          | 1        |
| 26       | 51-5460  | Key                                            | 1        |
| 27       | 70-5160  | Rocker Assembly - Exhaust<br>(Incl. Ref. #4-6) | 4        |
| 28       | 70-3050  | Bolt                                           | 1        |
| 29       | 70-5170  | Pipe                                           | 1        |
| 30       | 51-5260  | Ring - Retaining                               | 2        |
| 31       | 70-5110  | Washer                                         | 2        |
| 32       | 70-5150  | Rocker Assembly - Intake<br>(Incl. Ref. #4-6)  | 4        |
| 33       | 70-5200  | Bracket                                        | 4        |

†Included in Oil Seal Kit No. 70-6960





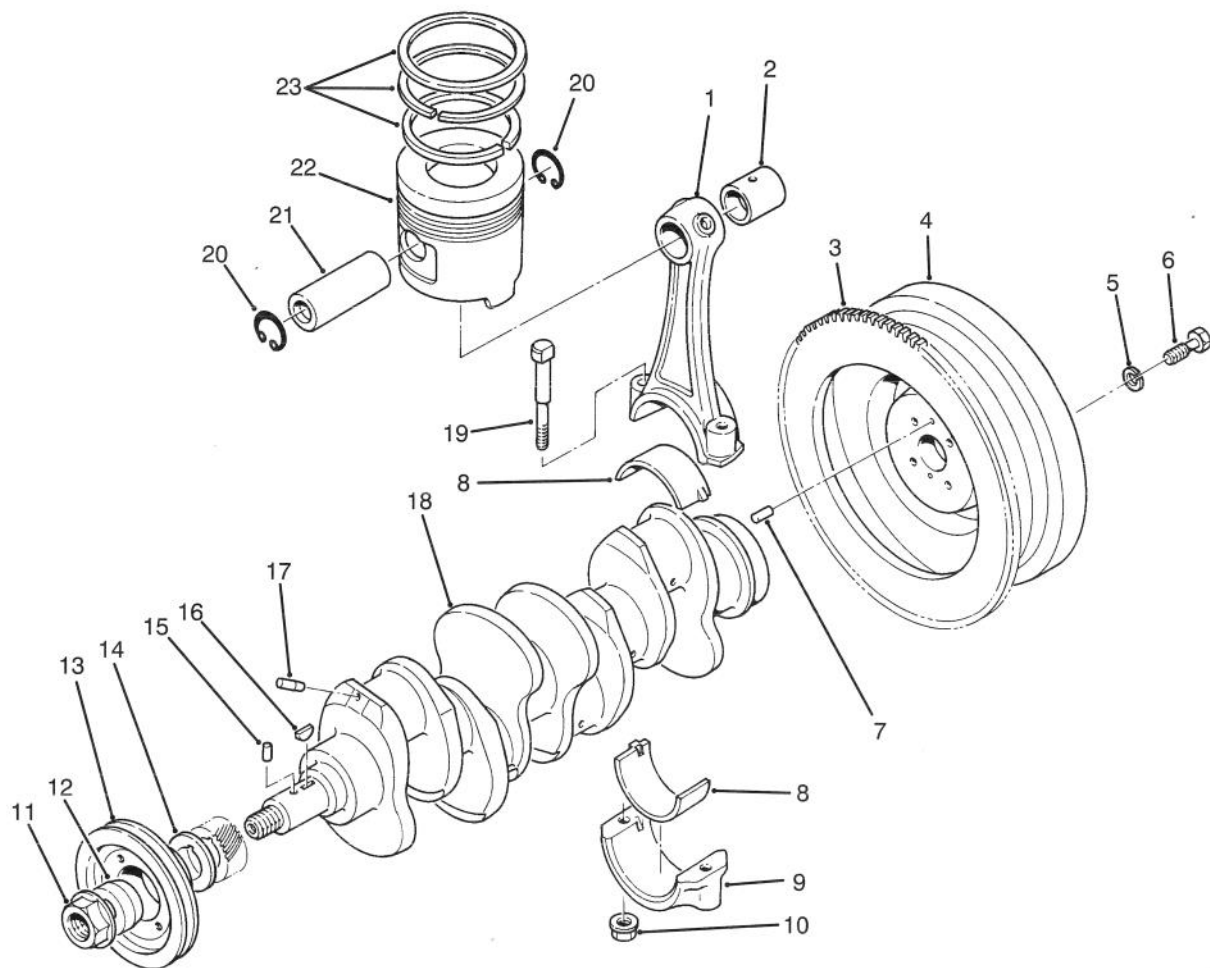
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## CRANKCASE ASSEMBLY

| Ref. No. | Part No. | Description                                                                       | No. Used |
|----------|----------|-----------------------------------------------------------------------------------|----------|
| 1        | 70-5960  | Crankcase Assembly<br>(Incl. Ref. #2-6, 11, 13, 15-19, 21-30, 32, 35-36, & 40-41) | 1        |
| 2        | 51-5580  | Hanger                                                                            | 1        |
| 3        | 51-5600  | Cap                                                                               | 11       |
| 4        | 70-3000  | Pin                                                                               | 2        |
| 5        | 51-5500  | Bushing No. 1                                                                     | 1        |
| 6        | 70-3400  | Plug                                                                              | 6        |
| 7        | 60-7280  | Bolt                                                                              | 2        |
| 8        | 51-7250  | Washer                                                                            | 2        |
| 9        | 51-6480  | Cover                                                                             | 1        |
| †10      | 51-6490  | Gasket                                                                            | 1        |
| 11       | 70-3350  | Cap                                                                               | 6        |
| 12       | 70-5950  | Connector                                                                         | 1        |
| 13       | 70-3410  | Plug                                                                              | 1        |
| 14       | 70-5350  | Bearing - Main (Std.)                                                             | 10       |
| ‡15      | 70-5240  | Seal                                                                              | 4        |
| 16       |          | Cap - Bearing No. 1                                                               | 1        |
| 17       |          | Cap - Bearing No. 2, 3, & 4                                                       | 3        |
| 18       |          | Cap - Bearing No. 5                                                               | 1        |
| 19       | 70-5300  | Bolt                                                                              | 10       |
| 20       | 70-5360  | Plate - Thrust (Std.)                                                             | 3        |
| 21       | 51-5650  | Pin                                                                               | 6        |
| 22       | 70-3120  | Plug                                                                              | 1        |
| †23      | 70-3080  | Gasket                                                                            | 1        |
| 24       |          | Plug                                                                              | 2        |
| 25       | 70-3370  | Cap                                                                               | 3        |
| 26       | 51-5510  | Bushing - No. 2                                                                   | 1        |
| 27       | 51-5520  | Bushing - No. 3                                                                   | 1        |
| 28       | 51-8280  | Bolt                                                                              | 1        |
| †29      | 51-8270  | Washer                                                                            | 1        |
| 30       | 70-5320  | Pin                                                                               | 2        |
| 31       | 70-5250  | Plate                                                                             | 1        |
| 32       | 70-5340  | Valve                                                                             | 4        |
| 33       | 51-6390  | Washer                                                                            | 1        |
| 34       | 70-2890  | Bolt                                                                              | 1        |
| 35       | 51-5650  | Pin                                                                               | 1        |
| 36       | 51-5640  | Idler Shaft Assembly<br>(Incl. Ref. #35)                                          | 1        |
| 37       | 60-7110  | Bolt                                                                              | 1        |
| 38       | 51-7250  | Washer                                                                            | 1        |
| †39      | 70-5260  | Gasket                                                                            | 1        |
| 40       | 70-5290  | Hanger                                                                            | 1        |
| 41       | 70-5280  | Sleeve                                                                            | 4        |

†Included in Gasket Set No. 70-6950

‡Included In Oil Seal Kit No. 70-6960

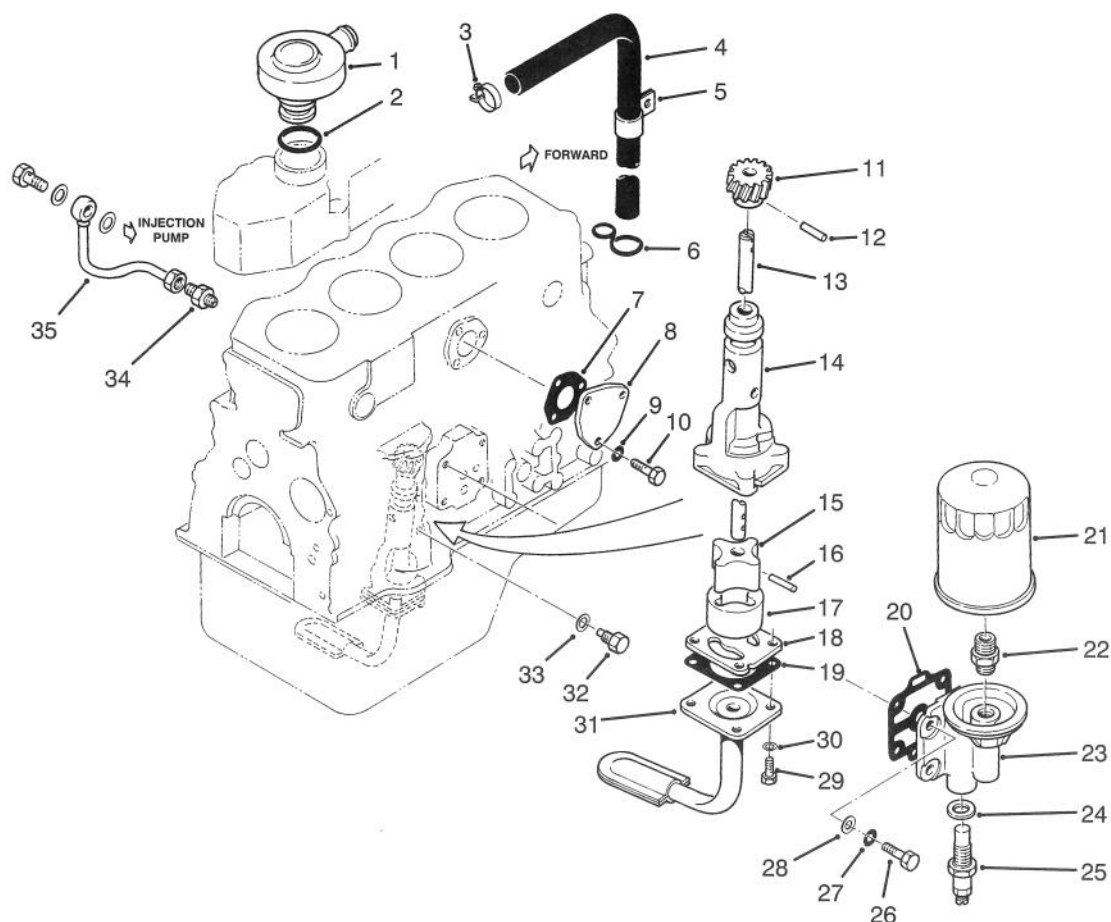


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## PISTON, CONNECTING ROD, CRANKSHAFT & FLYWHEEL

| Ref. No. | Part No. | Description                                         | No. Used |
|----------|----------|-----------------------------------------------------|----------|
| 1        | 70-5990  | Connecting Rod - Std.<br>(Incl. Ref. #2, 8-10 & 19) | 4        |
| 2        | 70-6000  | Bushing                                             | 4        |
| 3        | 51-6350  | Gear                                                | 1        |
| 4        | 70-6030  | Flywheel Assembly<br>(Incl. Ref. #3)                | 1        |
| 5        | 51-8610  | Washer - Lock                                       | 4        |
| 6        | 70-2880  | Bolt                                                | 4        |
| 7        | 70-5800  | Pin                                                 | 2        |
| 8        | 70-5430  | Bearing - Rod (Std.)                                | 8        |
| 9        |          | Cap                                                 | 4        |
| 10       | 70-5420  | Nut                                                 | 8        |
| 11       | 70-3170  | Nut                                                 | 1        |

| Ref. No. | Part No. | Description                                         | No. Used |
|----------|----------|-----------------------------------------------------|----------|
| 12       | 70-5820  | Cone                                                | 1        |
| 13       | 70-5440  | Pulley                                              | 1        |
| 14       | 70-5810  | Plate                                               | 1        |
| 15       | 51-5650  | Pin                                                 | 1        |
| 16       | 51-5460  | Key                                                 | 1        |
| 17       |          | Plug                                                | 2        |
| 18       | 70-6020  | Crankshaft Assembly<br>(Incl. Ref. #7, 11, & 15-17) | 1        |
| 19       | 70-6010  | Bolt                                                | 8        |
| 20       | 70-3020  | Ring                                                | 8        |
| 21       | 70-5410  | Pin                                                 | 4        |
| 22       | 70-5980  | Piston (Std.)                                       | 4        |
| 23       | 70-5400  | Ring Set - Std.                                     | 4        |

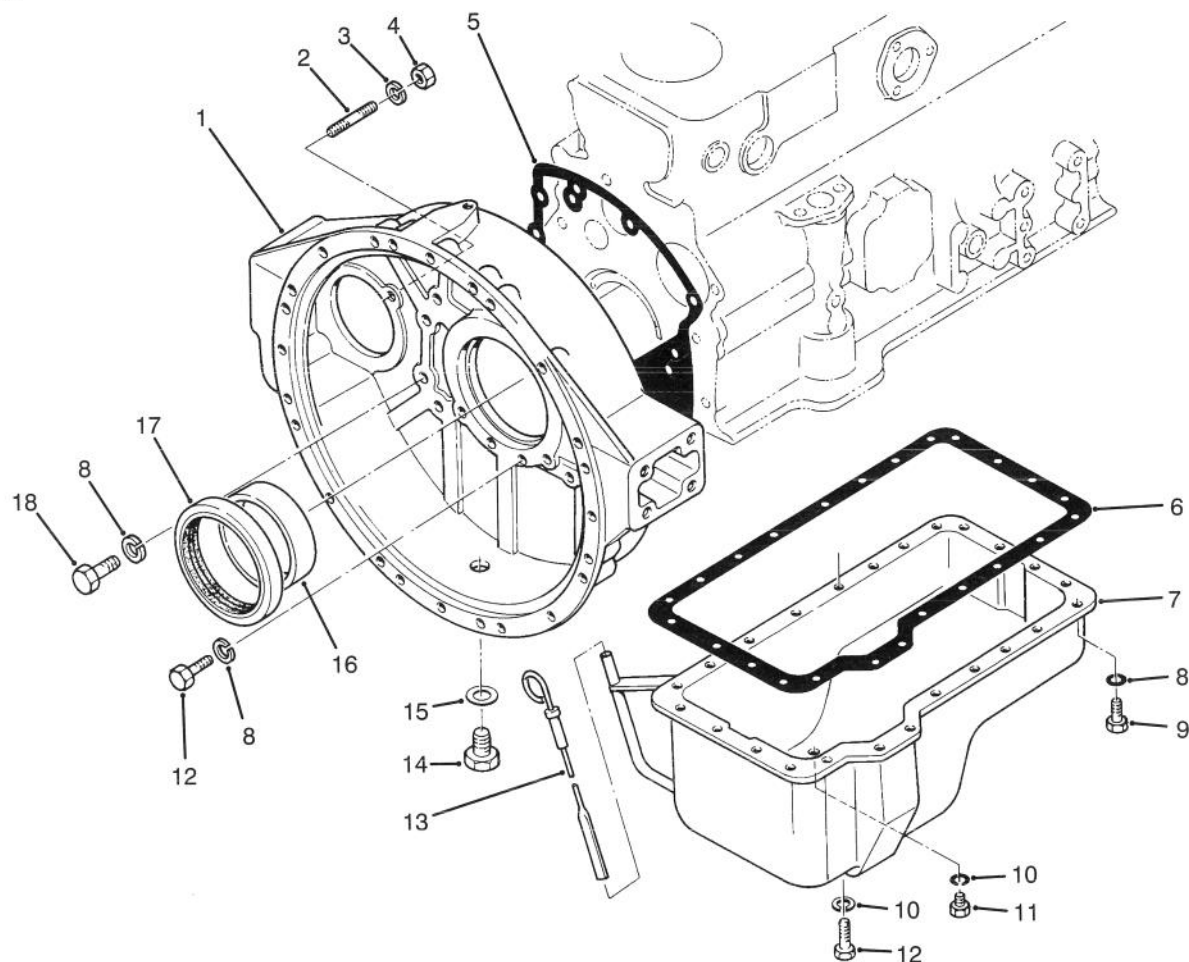


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## OIL PUMP, BREATHER & FILTER

| Ref. No. | Part No. | Description                                             | No. Used | Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|---------------------------------------------------------|----------|----------|----------|-----------------------------------------------|----------|
| 1        | 70-5570  | Breather                                                | 1        | †19      | 70-5510  | Gasket                                        | 1        |
| †2       | 70-3220  | O-Ring                                                  | 1        | †20      | 70-5550  | Gasket                                        | 1        |
| 3        | 70-3090  | Clamp                                                   | 1        | 21       | 49-2500  | Element Assembly                              | 1        |
| 4        | 70-3030  | Tube                                                    | 1        | 22       | 70-5520  | Union                                         | 1        |
| 5        | 70-3420  | Clip                                                    | 1        | 23       | 70-5530  | Bracket Assembly<br>(Incl. Ref. #22, 24 & 25) | 1        |
| 6        | 70-5580  | Stay                                                    | 1        | 24       | 51-6820  | Washer                                        | 1        |
| †7       | 70-5100  | Gasket                                                  | 1        | 25       | 51-6830  | Relief Valve Assembly                         | 1        |
| 8        | 70-5270  | Cover                                                   | 1        | 26       | 60-7480  | Bolt                                          | 4        |
| 9        | 51-7250  | Washer                                                  | 3        | 27       | 51-6390  | Washer - Lock                                 | 4        |
| 10       | 60-7110  | Bolt                                                    | 3        | 28       | 70-2990  | Washer                                        | 4        |
| 11       |          | Gear                                                    | 1        | 29       | 60-7290  | Bolt                                          | 4        |
| 12       |          | Pin                                                     | 1        | 30       | 51-7400  | Washer                                        | 4        |
| 13       |          | Shaft                                                   | 1        | 31       | 70-5500  | Strainer                                      | 1        |
| 14       | 70-5840  | Oil Pump Assembly<br>(Incl. Ref. #11-13, 15-18 & 29-30) | 1        | 32       | 70-5120  | Bolt                                          | 1        |
| 15       |          | Rotor                                                   | 1        | †33      | 70-3070  | Gasket                                        | 1        |
| 16       |          | Pin                                                     | 2        | 34       | 70-3340  | Connector                                     | 1        |
| 17       |          | Rotor                                                   | 1        | 35       | 70-5030  | Pipe                                          | 1        |
| 18       | 70-5850  | Cover                                                   | 1        | *        | 70-5540  | Oil Filter Assembly<br>(Incl. Ref. #21-25)    | 1        |

†Included in Gasket Set No. 70-6950



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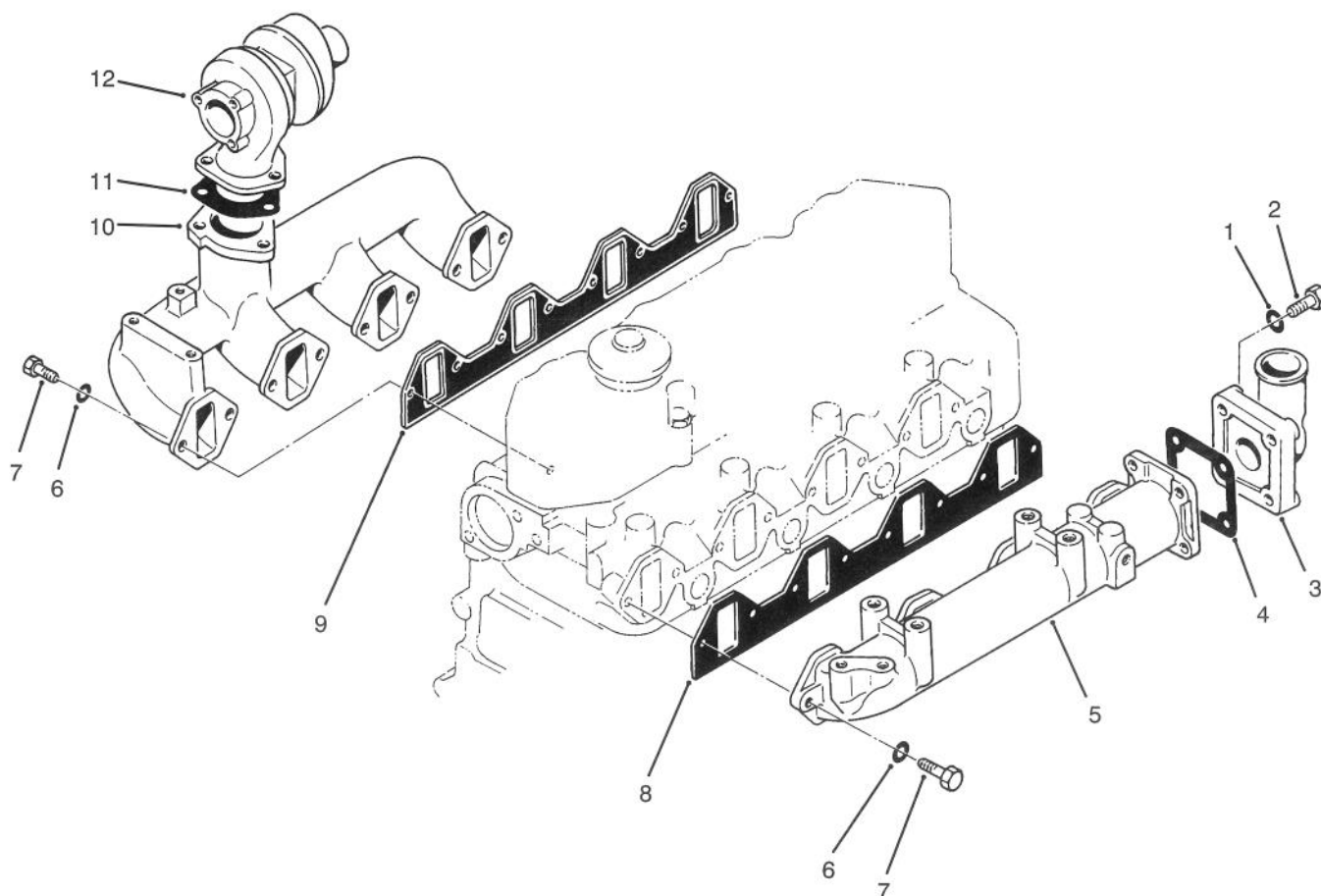
## FLYWHEEL HOUSING & OIL PAN ASSEMBLY

| Ref. No. | Part No. | Description                        | No. Used |
|----------|----------|------------------------------------|----------|
| 1        | 70-5970  | Housing                            | 1        |
| 2        | 51-5950  | Stud                               | 2        |
| 3        | 51-6390  | Washer - Lock                      | 13       |
| 4        | 51-5970  | Nut                                | 2        |
| †5       | 70-5330  | Gasket                             | 1        |
| †6       | 70-5390  | Gasket                             | 1        |
| 7        | 70-5380  | Pan - Oil<br>(Incl. Ref. #10 & 11) | 1        |
| 8        | 51-7250  | Washer - Lock                      | 28       |
| 9        | 60-7280  | Bolt                               | 23       |

| Ref. No. | Part No. | Description                           | No. Used |
|----------|----------|---------------------------------------|----------|
| †10      | 70-3470  | Washer - Drain Plug                   | 1        |
| 11       | 70-3110  | Plug - Drain                          | 1        |
| 12       | 60-7370  | Bolt                                  | 5        |
| 13       | 70-5560  | Gage                                  | 1        |
| 14       | 70-3230  | Plug                                  | 1        |
| †15      | 51-6890  | Gasket - Plug                         | 1        |
| 16       |          | Sleeve                                | 1        |
| ‡17      | 51-5890  | Oil Seal Assembly<br>(Incl. Ref. #16) | 1        |
| 18       | 70-2900  | Bolt                                  | 11       |

†Included in Gasket Set No. 70-6950

‡Included In Oil Seal Kit No. 70-6960



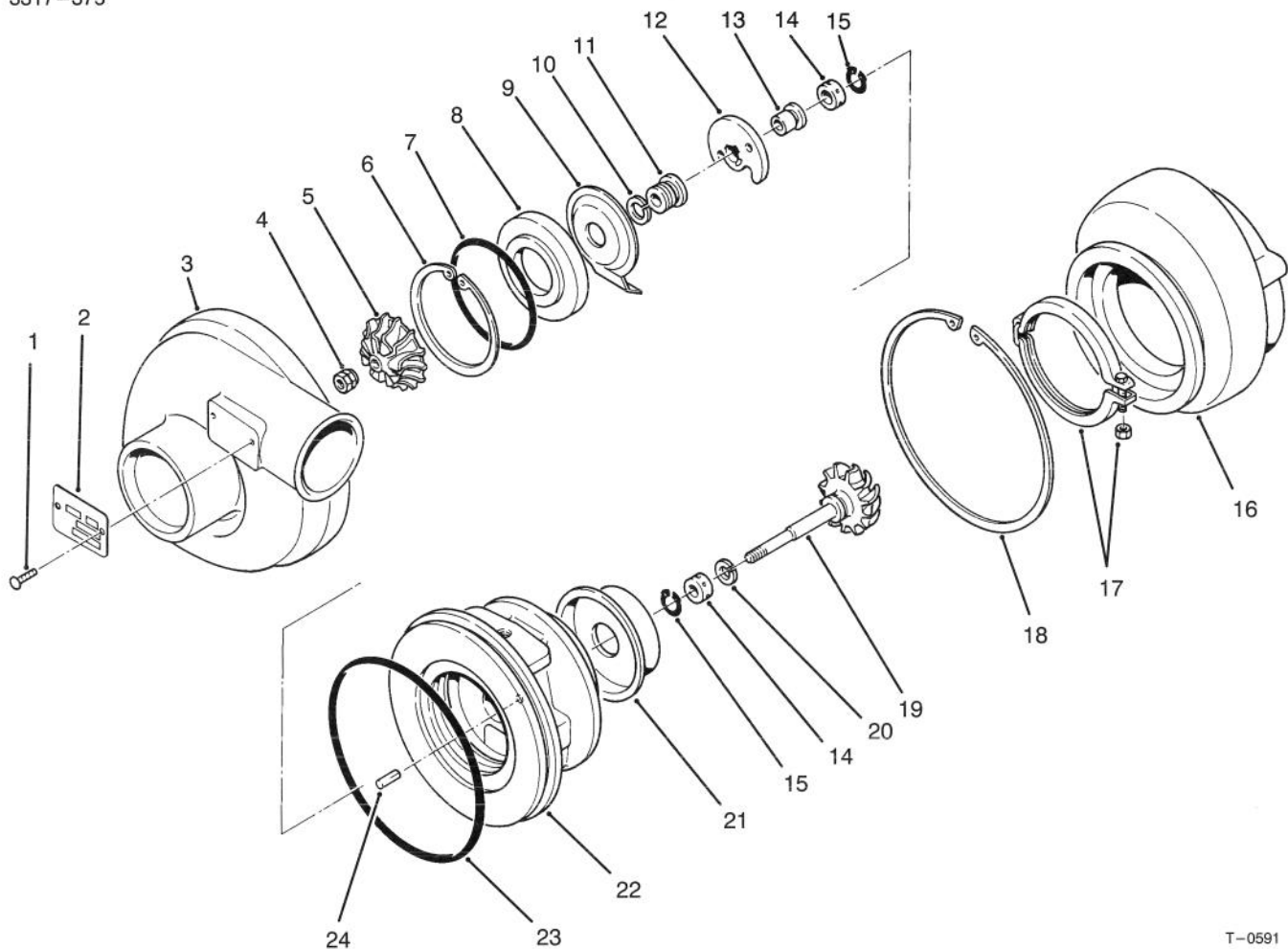
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## INTAKE & EXHAUST MANIFOLD ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|----------|----------|-------------|----------|
| 1        | 51-7250  | Washer      | 4        |
| 2        | 60-7370  | Bolt        | 4        |
| 3        | 70-6090  | Elbow       | 1        |
| †4       | 70-3130  | Gasket      | 1        |
| 5        | 70-6050  | Manifold    | 1        |
| 6        | 51-7250  | Washer      | 16       |

| Ref. No. | Part No. | Description           | No. Used |
|----------|----------|-----------------------|----------|
| 7        | 60-7370  | Bolt                  | 16       |
| †8       | 70-6060  | Gasket                | 1        |
| †9       | 70-5460  | Gasket                | 1        |
| 10       | 70-5470  | Manifold              | 1        |
| †11      | 70-6250  | Gasket                | 1        |
| 12       | 70-6430  | Turbocharger Assembly | 1        |

†Included in Gasket Set No. 70-6950

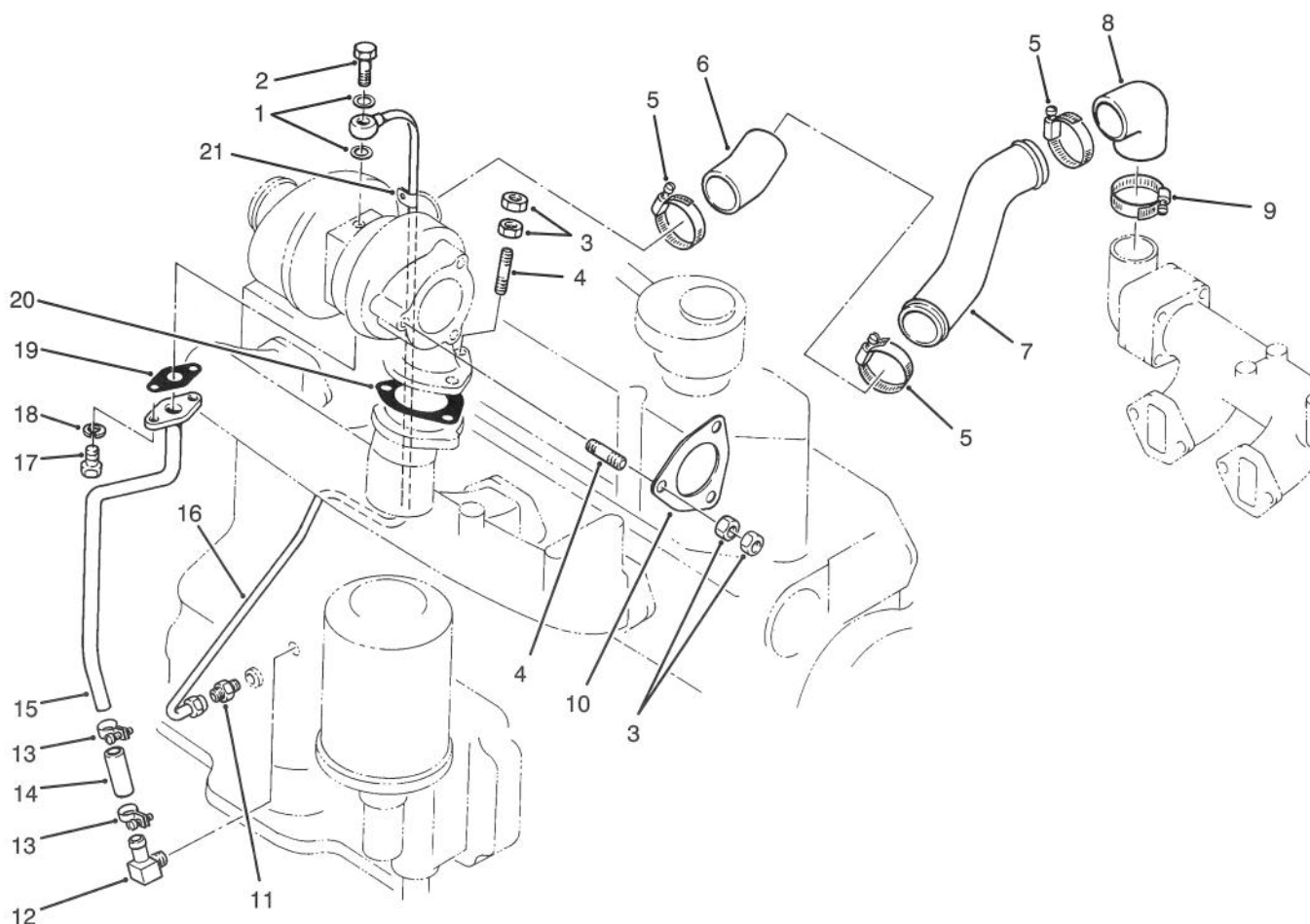


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## TURBOCHARGER ASSEMBLY NO. 70-6430

| Ref. No. | Part No. | Description | No. Used |
|----------|----------|-------------|----------|
| 1        | 60-7160  | Rivet       | 2        |
| 2        | 70-6360  | Plate       | 1        |
| 3        | 70-6340  | Cover       | 1        |
| 4        | 70-6330  | Nut         | 1        |
| 5        | 70-6320  | Wheel       | 1        |
| 6        | 70-6300  | Ring        | 1        |
| 7        | 70-6270  | O-Ring      | 1        |
| 8        | 70-6290  | Insert      | 1        |
| 9        | 70-6280  | Deflector   | 1        |
| 10       | 70-6310  | Ring        | 1        |
| 11       | 70-6410  | Sleeve      | 1        |
| 12       | 70-6380  | Bearing     | 1        |
| 13       | 70-6420  | Ring        | 1        |
| 14       | 70-6370  | Bearing     | 2        |

| Ref. No. | Part No. | Description                                      | No. Used |
|----------|----------|--------------------------------------------------|----------|
| 15       | 70-6390  | Ring                                             | 2        |
| 16       | 70-6450  | Housing                                          | 1        |
| 17       | 70-6230  | Coupling Assembly                                | 1        |
| 18       | 70-6400  | Ring                                             | 1        |
| 19       | 70-6470  | Shaft & Turbine Wheel Assy.                      | 1        |
| 20       | 70-6350  | Ring                                             | 1        |
| 21       | 70-6260  | Plate                                            | 1        |
| 22       | 70-6460  | Bearing Housing Assembly<br>(Incl. Ref. #24)     | 1        |
| 23       | 70-3010  | O-Ring                                           | 1        |
| 24       |          | Pin                                              | 1        |
| *        | 70-6440  | Cartridge Assembly<br>(Incl. Ref. #4-15 & 19-24) | 1        |



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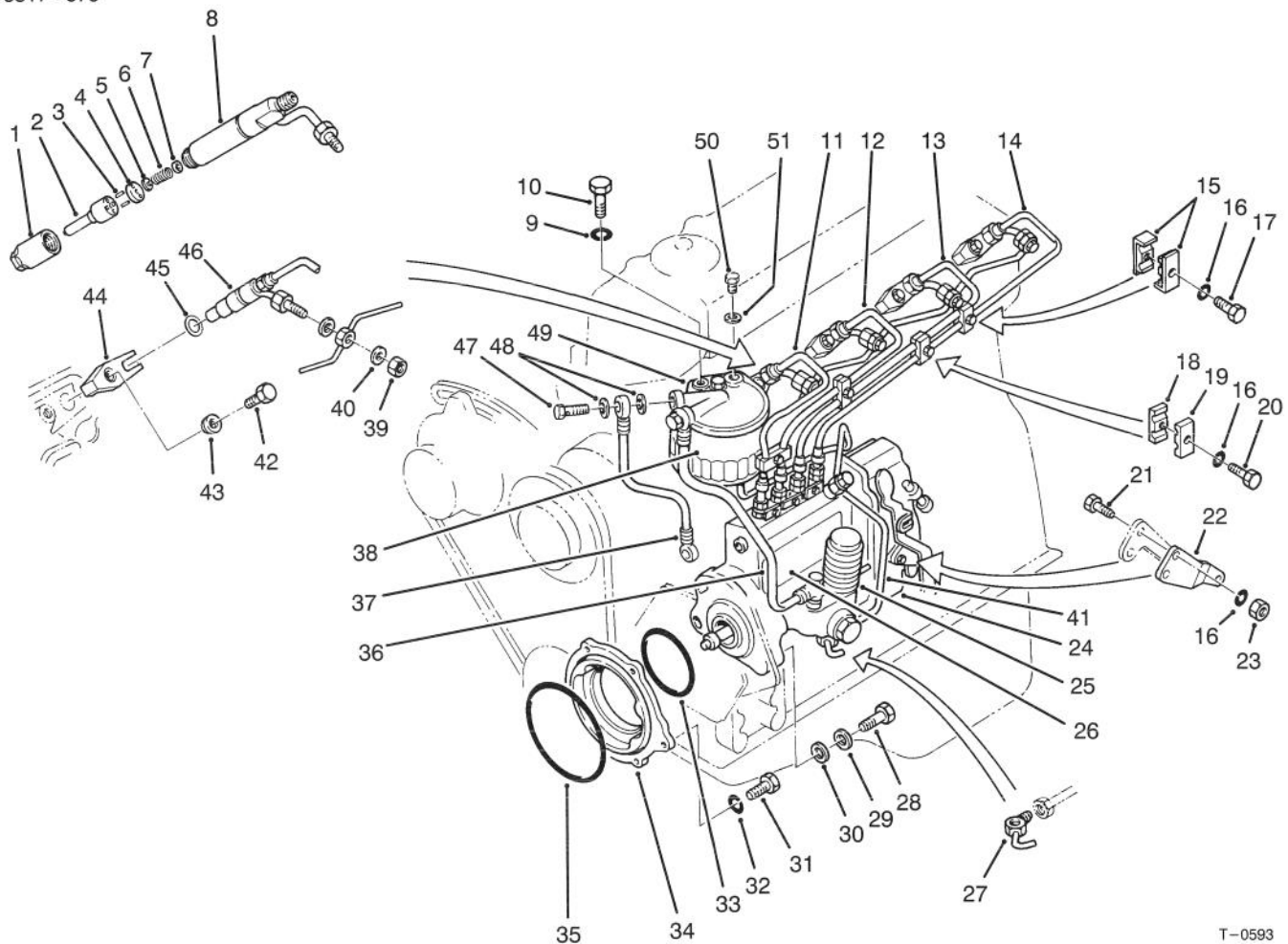
## TURBOCHARGER OIL PIPE ASSEMBLY

| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| †1       | 70-3060  | Gasket             | 2        |
| 2        | 70-4980  | Bolt - Cap Hex Hd. | 1        |
| 3        | 60-7120  | Nut - Hex.         | 12       |
| 4        | 70-3480  | Stud               | 6        |
| 5        | 70-3430  | Clamp - Hose       | 3        |
| 6        | 70-6080  | Hose               | 1        |
| 7        | 70-6070  | Pipe               | 1        |
| 8        | 70-4950  | Hose - 90° Elbow   | 1        |
| 9        | 70-3440  | Clamp - Hose       | 1        |
| 10       | 70-6240  | Gasket             | 1        |
| 11       | 70-3340  | Connector          | 1        |

| Ref. No. | Part No. | Description         | No. Used |
|----------|----------|---------------------|----------|
| 12       | 70-5310  | Fitting - 90° Elbow | 1        |
| 13       | 70-3090  | Clamp - Hose        | 2        |
| 14       | 70-3040  | Hose                | 1        |
| 15       | 70-5490  | Pipe - Oil          | 1        |
| 16       | 70-5480  | Pipe - Oil          | 1        |
| 17       | 70-2830  | Bolt - Cap Hex. Hd. | 2        |
| 18       | 51-7400  | Washer - Lock       | 2        |
| 19       | 70-4970  | Gasket              | 1        |
| †20      | 70-6250  | Gasket              | 1        |
| 21       | 70-4960  | Clamp - R           | 1        |

†Included in Gasket Set No. 70-6950





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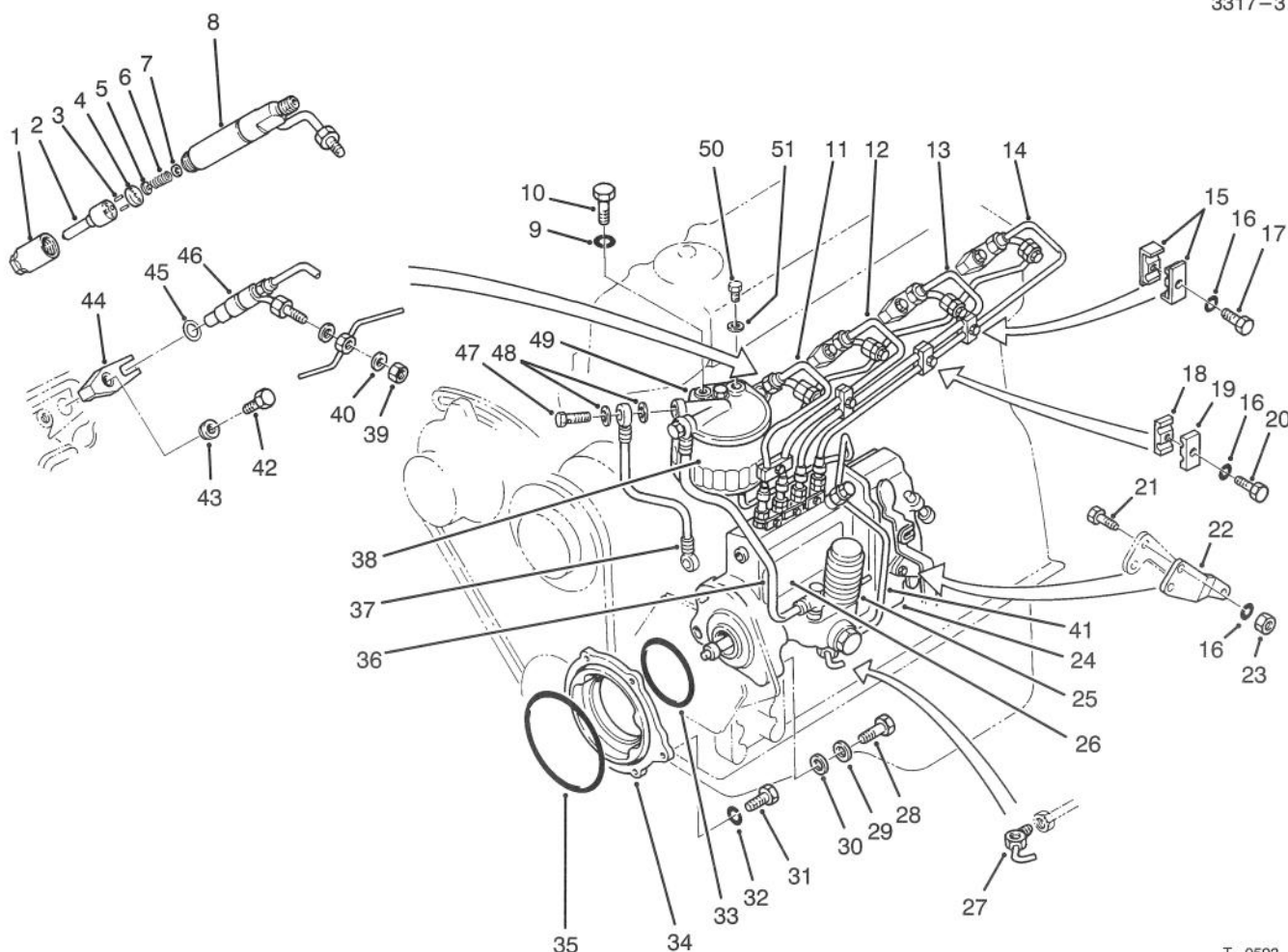
## FUEL SYSTEM ASSEMBLY

| Ref. No. | Part No. | Description         | No. Used |
|----------|----------|---------------------|----------|
| 1        | 70-4840  | Nut                 | 4        |
| 2        | 70-6170  | Nozzle Tip Assembly | 4        |
| 3        | 70-6830  | Pin                 | 8        |
| 4        | 70-4930  | Packing             | 4        |
| 5        | 70-4820  | Pin                 | 4        |
| 6        | 70-4830  | Spring              | 4        |
| 7        | 70-4860  | Washer 1.00 mm      | A/R      |
| *        | 70-4870  | Washer 1.05 mm      | A/R      |
| *        | 70-4880  | Washer 1.10 mm      | A/R      |
| *        | 70-4850  | Washer 2.15 mm      | A/R      |
| *        | 70-4890  | Washer 1.275 mm     | A/R      |
| *        | 70-4900  | Washer 1.325 mm     | A/R      |
| *        | 70-4910  | Washer 1.775 mm     | A/R      |
| *        | 70-4920  | Washer 0.95 mm      | A/R      |
| 8        | 70-4810  | Body Assembly       | 4        |
| 9        | 51-6390  | Washer - Lock       | 2        |
| 10       | 60-7480  | Bolt                | 2        |
| 11       | 70-6190  | Pipe - No. 1        | 1        |
| 12       | 70-6100  | Pipe - No. 2        | 1        |
| 13       | 70-6200  | Pipe - No. 3        | 1        |
| 14       | 70-6110  | Pipe - No. 4        | 1        |
| 15       | 60-5210  | Clamp               | 2        |
| 16       | 51-7400  | Washer - Lock       | 6        |
| 17       | 70-2840  | Bolt                | 1        |

| Ref. No. | Part No. | Description                             | No. Used |
|----------|----------|-----------------------------------------|----------|
| 18       | 70-3180  | Clamp                                   | 3        |
| 19       | 70-3190  | Clamp                                   | 3        |
| 20       | 70-2830  | Bolt                                    | 3        |
| 21       | 70-2820  | Bolt                                    | 2        |
| 22       | 70-5770  | Lever                                   | 1        |
| 23       | 70-2960  | Nut                                     | 2        |
| 24       |          | Governor                                | 1        |
| 25       | 70-5700  | Fuel Feed Pump                          | 1        |
| 26       | 70-6180  | Injection Pump<br>(Incl. Ref. #24 & 25) | 1        |
| 27       | 70-5060  | Joint                                   | 1        |
| 28       | 51-4910  | Bolt                                    | 4        |
| 29       | 51-6390  | Washer                                  | 4        |
| 30       | 70-2990  | Washer                                  | 4        |
| 31       | 60-7280  | Bolt                                    | 2        |
| 32       | 51-7250  | Washer - Lock                           | 2        |
| †33      | 70-6130  | O-Ring                                  | 1        |
| 34       | 70-6210  | Flange                                  | 1        |
| †35      | 70-5070  | O-Ring                                  | 1        |
| 36       | 70-3140  | Pipe                                    | 1        |
| 37       | 70-3150  | Pipe                                    | 1        |
| 38       | 70-5730  | Filter Element Assembly                 | 1        |
| 39       | 70-2980  | Nut                                     | 4        |
| †40      | 70-3460  | Washer                                  | 8        |

\*Not Illustrated

†Included in Gasket Set No. 70-6950



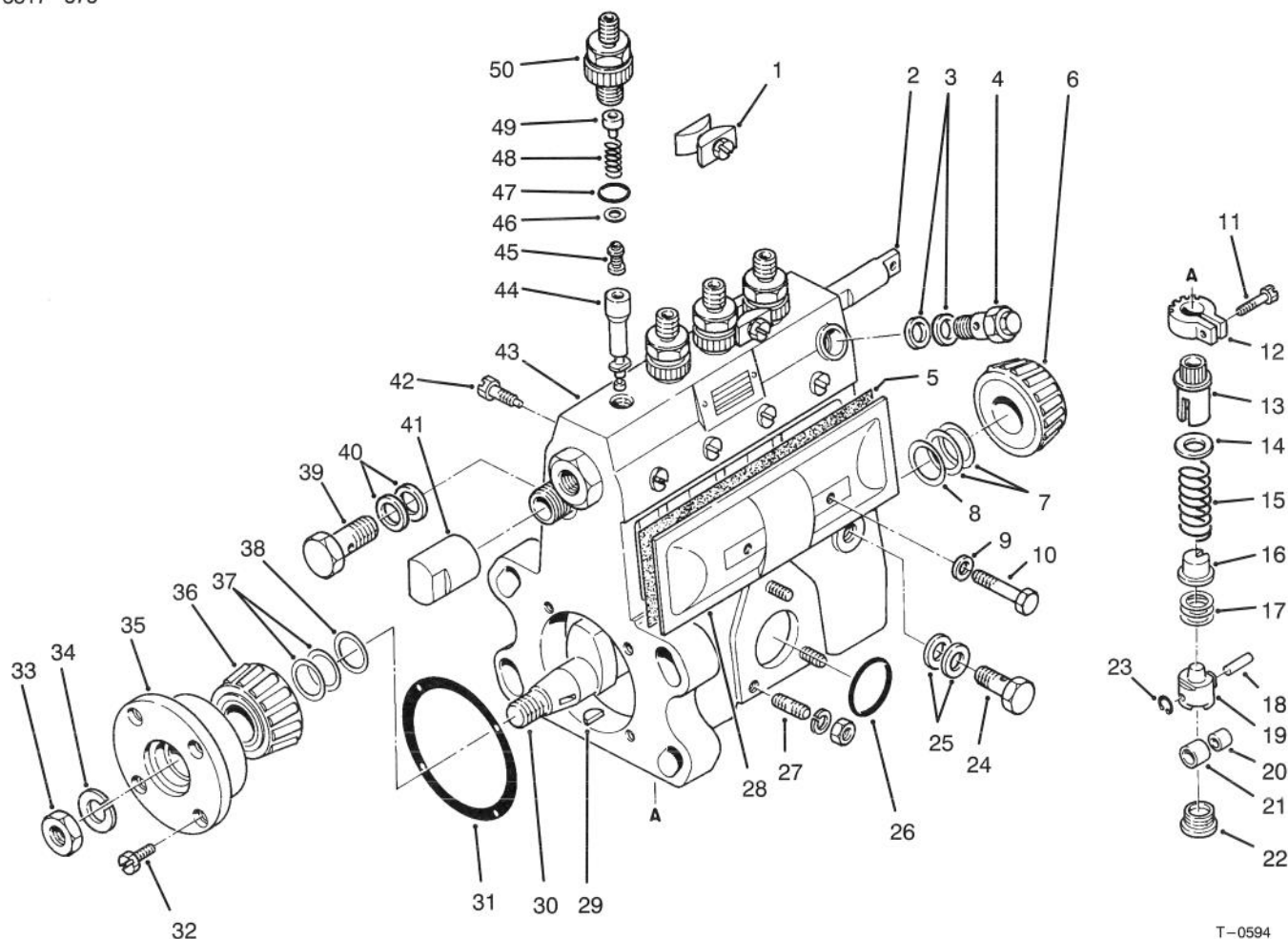
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## FUEL SYSTEM ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                          | No. Used | Ref. No. | Part No. | Description                                      | No. Used |
|----------|----------|--------------------------------------|----------|----------|----------|--------------------------------------------------|----------|
| 41       | 70-6120  | Pipe                                 | 1        | 47       | 70-3250  | Bolt                                             | 2        |
| 42       | 70-2850  | Bolt                                 | 4        | 48       | 70-3210  | Packing                                          | 4        |
| 43       | 70-6140  | Washer                               | 4        | 49       | 70-5720  | Bracket                                          | 1        |
| 44       | 70-6220  | Gland                                | 4        | 50       | 70-3200  | Washer                                           | 1        |
| †45      | 70-6150  | Gasket                               | 4        | 51       | 70-3240  | Plug                                             | 1        |
| 46       | 70-6160  | Nozzle Assembly<br>(Incl. Ref. #1-8) | 4        | *        | 70-5710  | Fuel Filter Assembly<br>(Incl. Ref. #38 & 47-51) | 1        |

\*Not Illustrated

†Included in Gasket Set No. 70-6950



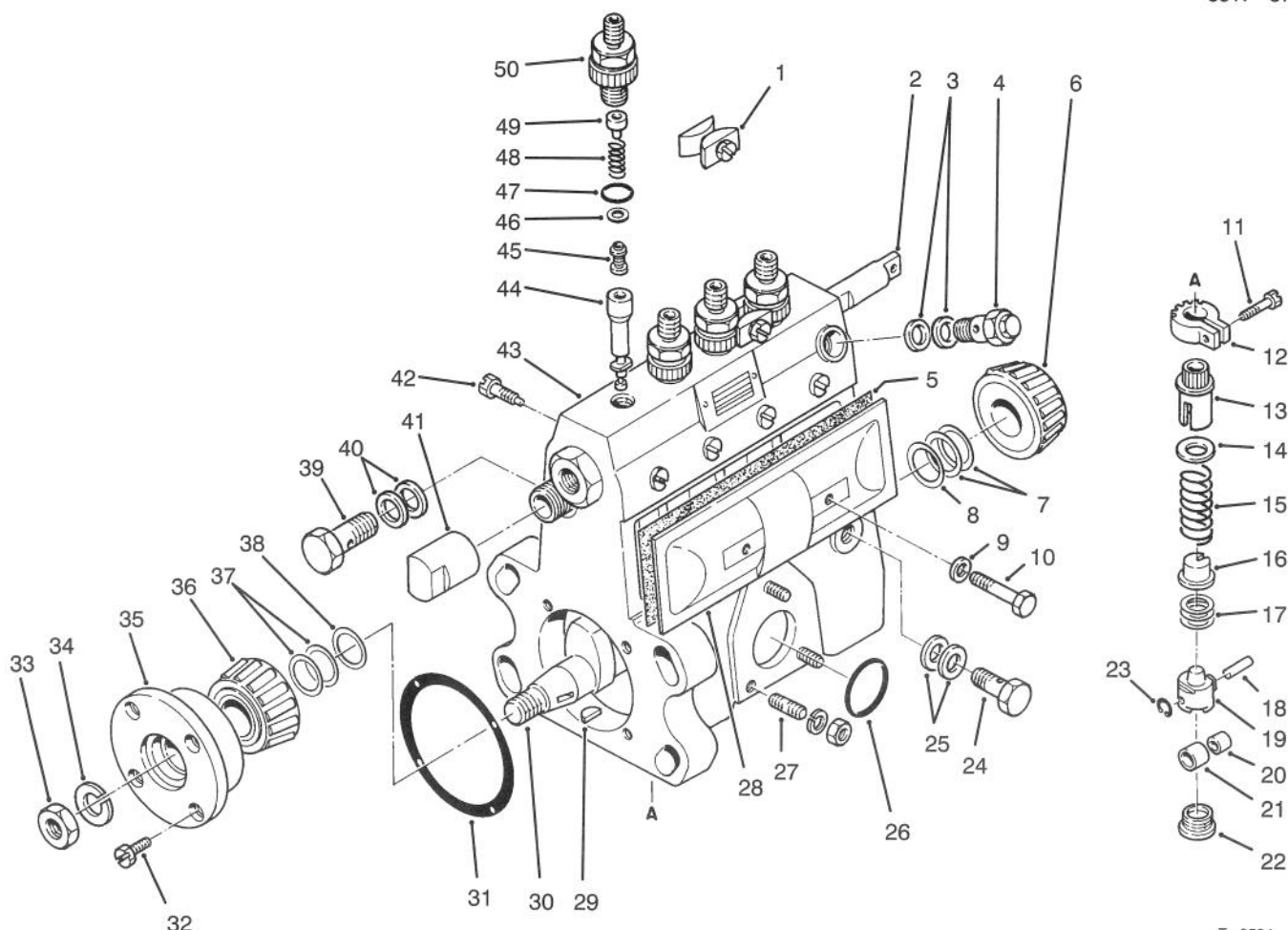
T-0594

## FUEL INJECTION PUMP ASSEMBLY

| Ref. No. | Part No. | Description  | No. Used |
|----------|----------|--------------|----------|
| 1        | 70-3880  | Plate        | 2        |
| 2        | 70-3840  | Rack         | 1        |
| 3        | 70-3860  | Washer       | 2        |
| 4        | 70-3960  | Valve        | 1        |
| 5        | 70-3930  | Gasket       | 1        |
| 6        | 70-6850  | Bearing      | 2        |
| 7        | 70-3710  | Plate - 0.10 | A/R      |
| *        | 70-3720  | Plate - 0.12 | A/R      |
| *        | 70-3730  | Plate - 0.14 | A/R      |
| *        | 70-3740  | Plate - 0.16 | A/R      |
| *        | 70-3750  | Plate - 0.18 | A/R      |
| *        | 70-3760  | Plate - 0.50 | A/R      |
| *        | 70-3770  | Plate - 0.30 | A/R      |
| 8        | 70-3690  | Ring         | 1        |
| 9        | 70-3900  | Packing      | 2        |
| 10       | 70-3950  | Screw        | 2        |
| 11       | 70-3570  | Screw        | 4        |
| 12       | 70-3560  | Pinion       | 4        |
| 13       | 70-3580  | Sleeve       | 4        |
| 14       | 70-3590  | Seat         | 4        |
| 15       | 70-3600  | Spring       | 4        |
| 16       | 70-3610  | Seat         | 4        |

| Ref. No. | Part No. | Description  | No. Used |
|----------|----------|--------------|----------|
| 17       | 70-3970  | Plate - 0.6  | A/R      |
| *        | 70-3980  | Plate - 0.7  | A/R      |
| *        | 70-3990  | Plate - 0.8  | A/R      |
| *        | 70-4000  | Plate - 0.9  | A/R      |
| *        | 70-4010  | Plate - 1.0  | A/R      |
| *        | 70-4020  | Plate - 1.1  | A/R      |
| *        | 70-4030  | Plate - 1.2  | A/R      |
| *        | 70-4040  | Plate - 1.3  | A/R      |
| *        | 70-4050  | Plate - 1.4  | A/R      |
| *        | 70-4060  | Plate - 0.1  | A/R      |
| *        | 70-4070  | Plate - 0.2  | A/R      |
| *        | 70-4080  | Plate - 0.3  | A/R      |
| *        | 70-4090  | Plate - 0.4  | A/R      |
| *        | 70-4100  | Plate - 0.5  | A/R      |
| *        | 70-4110  | Plate - 0.15 | A/R      |
| 18       | 70-3640  | Pin          | 4        |
| 19       | 70-3620  | Body         | 4        |
| 20       | 70-3650  | Bushing      | 4        |
| 21       | 70-3660  | Roller       | 4        |
| 22       | 70-3670  | Plug         | 4        |
| 23       | 70-6800  | E-Ring       | 4        |
| 24       | 70-6930  | Screw        | 1        |

\*Not Illustrated



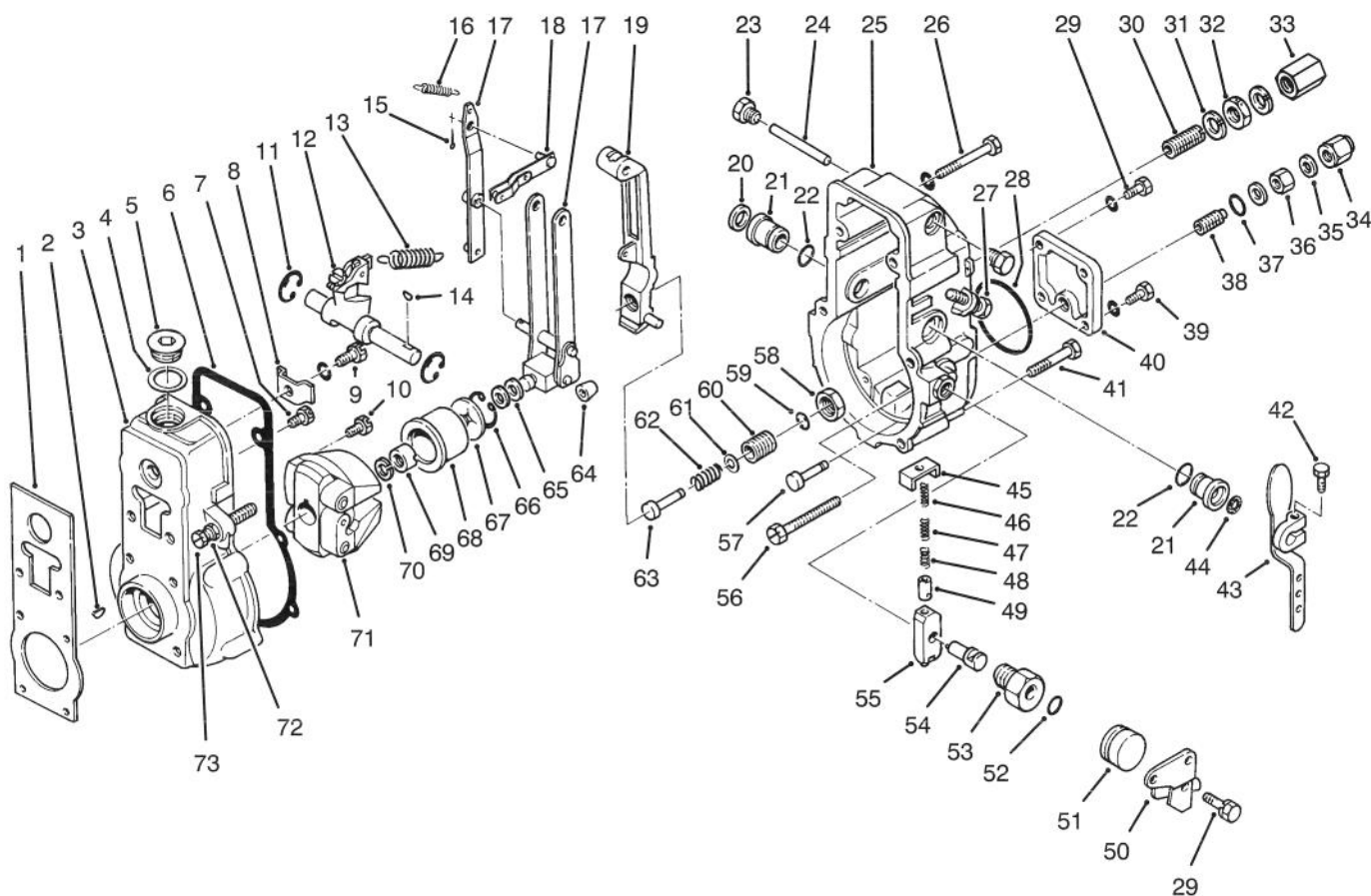
T-0594

## FUEL INJECTION PUMP ASSEMBLY (Continued)

| Ref. No. | Part No. | Description  | No. Used | Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|--------------|----------|----------|----------|----------------------------------------------|----------|
| 25       | 70-3910  | Washer       | 2        | 39       | 70-6940  | Screw                                        | 1        |
| 26       | 70-6900  | O-Ring       | 1        | †40      | 70-3870  | Washer                                       | 2        |
| 27       | 70-6720  | Stud         | 3        | 41       | 70-3490  | Cover                                        | 1        |
| 28       | 70-3940  | Plate        | 2        | 42       | 70-3850  | Screw                                        | 1        |
| 29       | 70-6880  | Key          | 1        | 43       | 70-4940  | Housing Assembly<br>(Incl. Ref. #27)         | 1        |
| 30       | 70-3680  | Camshaft     | 1        | 44       | 70-3550  | Element Assembly                             | 4        |
| 31       | 70-3830  | Gasket       | 1        | 45       | 70-3540  | Valve Assembly                               | 4        |
| 32       | 70-6540  | Bolt         | 4        | 46       | 70-3530  | Gasket                                       | 4        |
| 33       | 70-6780  | Nut          | 1        | 47       | 70-6910  | O-Ring                                       | 4        |
| 34       | 70-6680  | Washer       | 1        | 48       | 70-3520  | Spring                                       | 4        |
| 35       | 70-3820  | Cover        | 1        | 49       | 70-3510  | Stopper                                      | 4        |
| 36       | 70-6840  | Bearing      | 1        | 50       | 70-3500  | Holder                                       | 4        |
| 37       | 70-3780  | Plate - 0.1  | A/R      | *        | 70-3920  | Cover Assembly<br>(Incl. Ref. #5, 9-10 & 28) | 1        |
| *        | 70-3790  | Plate - 0.15 | A/R      | *        | 70-3630  | Tappet Assembly<br>(Incl. Ref. #18-21 & 23)  | 1        |
| *        | 70-3800  | Plate - 0.3  | A/R      |          |          |                                              |          |
| *        | 70-3810  | Plate - 0.5  | A/R      |          |          |                                              |          |
| 38       | 70-3700  | Ring         | 1        |          |          |                                              |          |

\*Not Illustrated

†Included in Gasket Set No. 70-6950

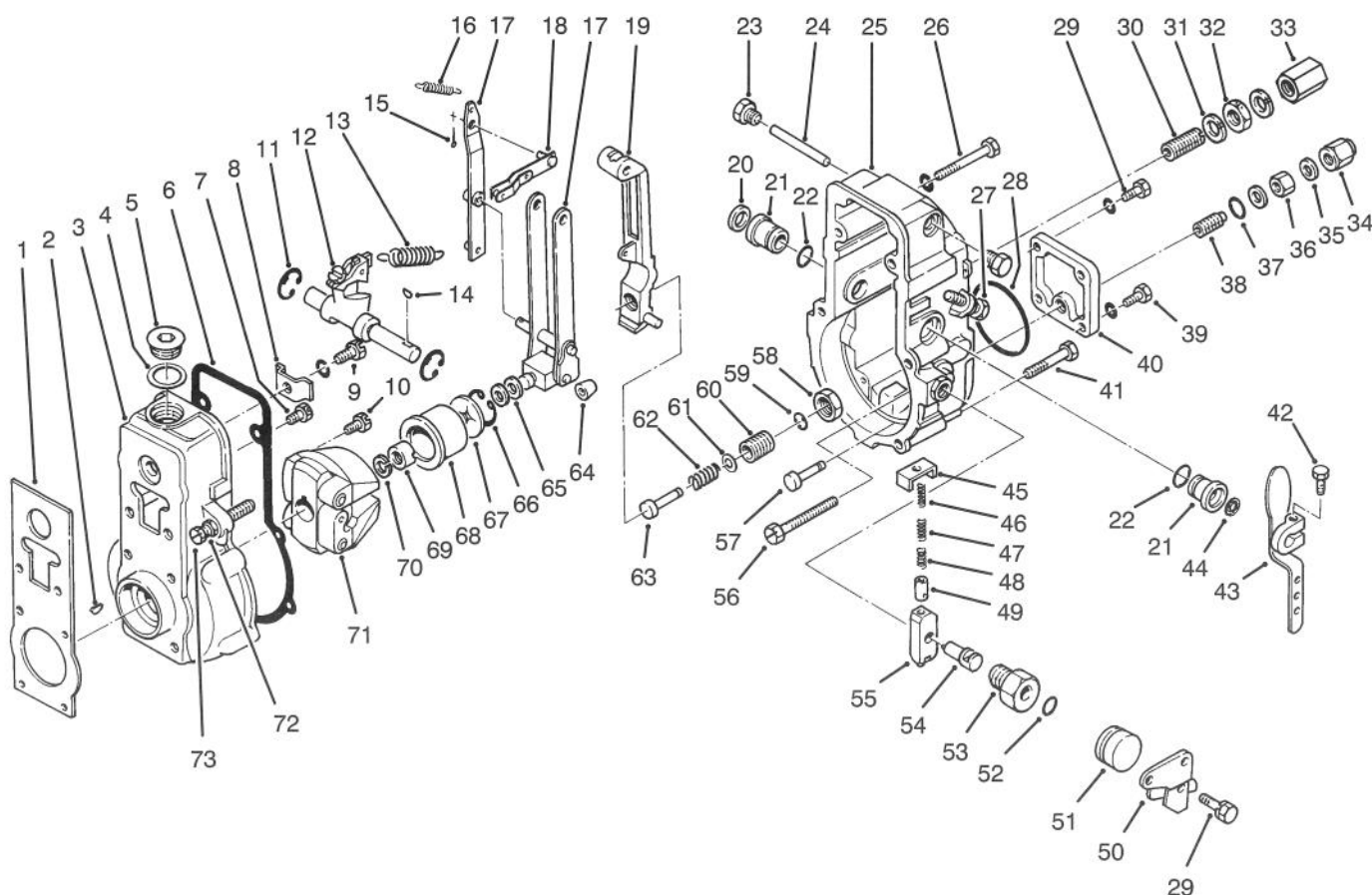


T-0595

## GOVERNOR ASSEMBLY

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 1        | 70-4160  | Gasket                   | 1        |
| 2        | 70-6870  | Key                      | 1        |
| 3        | 70-4130  | Housing                  | 1        |
| 4        | 70-6710  | Washer                   | 1        |
| 5        | 70-4590  | Plug                     | 1        |
| 6        | 70-4150  | Gasket                   | 1        |
| 7        | 70-6530  | Bolt                     | 5        |
| 8        | 70-4210  | Plate                    | 1        |
| 9        | 70-6550  | Bolt                     | 1        |
| 10       | 70-6520  | Bolt                     | 1        |
| 11       | 70-6810  | E-Ring                   | 2        |
| 12       | 70-4220  | Swiveling Lever Assembly | 1        |
| 13       | 70-4370  | Spring                   | 1        |
| 14       | 70-6860  | Key                      | 1        |
| 15       | 70-6480  | Pin                      | 1        |
| 16       | 70-4380  | Spring                   | 1        |
| 17       | 70-4320  | Lever Assembly           | 1        |
| 18       | 70-4340  | Shackle Assembly         | 1        |
| 19       | 70-4250  | Tension Lever Assembly   | 1        |
| 20       | 70-4580  | Cap                      | 1        |
| 21       | 70-4230  | Bushing                  | 2        |
| 22       | 70-6510  | O-Ring                   | 2        |
| 23       | 70-4360  | Plug                     | 2        |
| 24       | 70-4350  | Shaft                    | 1        |
| 25       | 70-4400  | Cover                    | 1        |
| 26       | 70-6740  | Bolt                     | 2        |

| Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|
| 27       | 70-4140  | Stopper                  | 1        |
| 28       | 70-6790  | Packing                  | 1        |
| 29       | 70-6520  | Bolt & Washer            | 3        |
| 30       | 70-4120  | Capsule                  | 1        |
| 31       | 70-3890  | Washer                   | 2        |
| 32       | 70-4310  | Nut                      | 1        |
| 33       | 70-4440  | Nut                      | 1        |
| 34       | 70-4450  | Nut                      | 1        |
| 35       | 70-6690  | Washer                   | 2        |
| 36       | 70-6770  | Nut                      | 1        |
| 37       | 70-6500  | O-Ring                   | 1        |
| 38       | 70-4330  | Bushing                  | 1        |
| 39       | 70-6760  | Bolt & Washer            | 2        |
| 40       | 70-4550  | Plate                    | 1        |
| 41       | 70-6750  | Bolt                     | 4        |
| 42       | 70-6730  | Bolt                     | 1        |
| 43       | 70-4560  | Adjusting Lever Assembly | 1        |
| 44       | 70-6920  | Seal                     | 1        |
| 45       | 70-4460  | Plate                    | 1        |
| 46       | 70-4500  | Spring                   | 1        |
| 47       | 70-4520  | Spring                   | 1        |
| 48       | 70-4510  | Spring                   | 1        |
| 49       | 70-4490  | Cup                      | 1        |
| 50       | 70-4570  | Stop Lever Assembly      | 1        |
| 51       | 70-4530  | Cover                    | 1        |
| 52       | 70-6890  | O-Ring                   | 1        |



T-0595

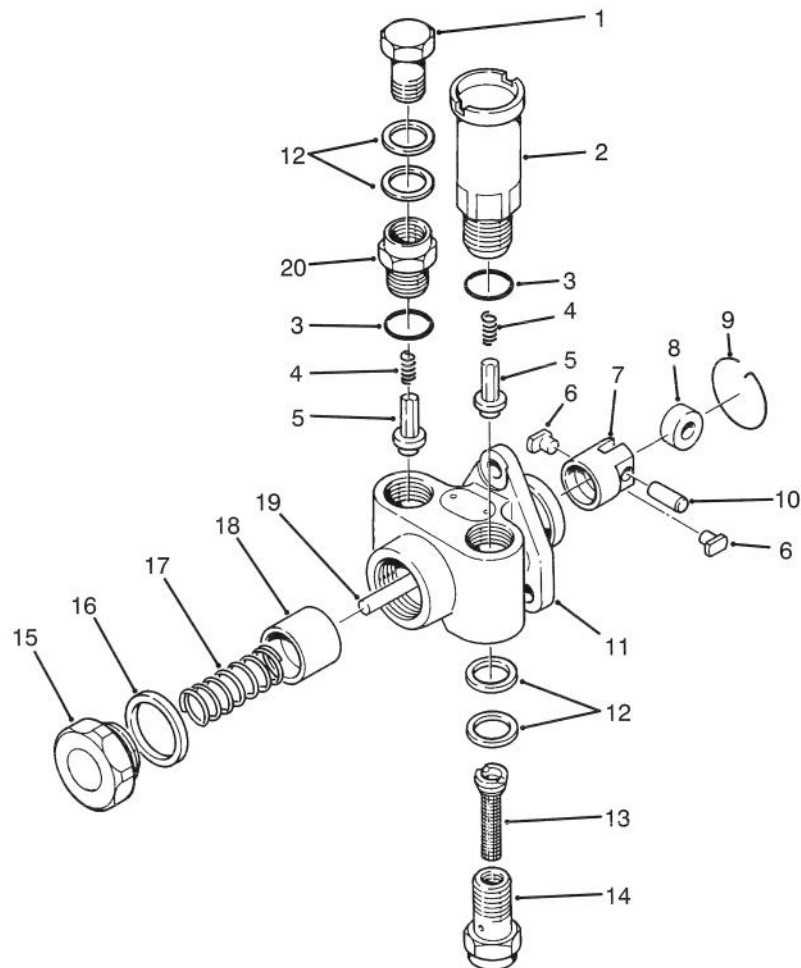
## GOVERNOR ASSEMBLY (Continued)

| Ref. No. | Part No. | Description   | No. Used |
|----------|----------|---------------|----------|
| 53       | 70-4420  | Bushing       | 1        |
| 54       | 70-4480  | Shaft         | 1        |
| 55       | 70-4470  | Lever         | 1        |
| 56       | 70-4390  | Screw         | 1        |
| 57       | 70-4410  | Pin           | 1        |
| 58       | 70-4300  | Nut           | 1        |
| 59       | 70-4240  | E-Ring        | 1        |
| 60       | 70-4270  | Screw         | 1        |
| 61       | 70-6570  | Washer - 0.1  | A/R      |
| *        | 70-6600  | Washer - 0.2  | A/R      |
| *        | 70-6580  | Washer - 0.25 | A/R      |
| *        | 70-6590  | Washer - 0.5  | A/R      |
| *        | 70-6660  | Washer - 1.0  | A/R      |
| 62       | 70-4280  | Spring        | 1        |
| 63       | 70-4290  | Adapter       | 1        |
| 64       | 70-4540  | Slider        | 1        |

| Ref. No. | Part No. | Description                             | No. Used |
|----------|----------|-----------------------------------------|----------|
| 65       | 70-6610  | Washer - 0.2                            | A/R      |
| *        | 70-6620  | Washer - 0.3                            | A/R      |
| *        | 70-6630  | Washer - 0.4                            | A/R      |
| *        | 70-6640  | Washer - 0.1                            | A/R      |
| *        | 70-6650  | Washer - 1.0                            | A/R      |
| 66       | 70-6490  | Ring                                    | 1        |
| 67       | 70-4200  | Plate                                   | 1        |
| 68       | 70-4190  | Sleeve                                  | 1        |
| 69       | 70-4180  | Nut                                     | 1        |
| 70       | 70-6670  | Washer                                  | 1        |
| 71       | 70-4170  | Flyweight Assembly                      | 1        |
| 72       | 70-6560  | Nut                                     | 2        |
| 73       | 70-4430  | Screw                                   | 1        |
| *        | 70-4260  | Adapter Assembly<br>(Incl. Ref. #59-63) | 1        |

\*Not Illustrated





T-0596

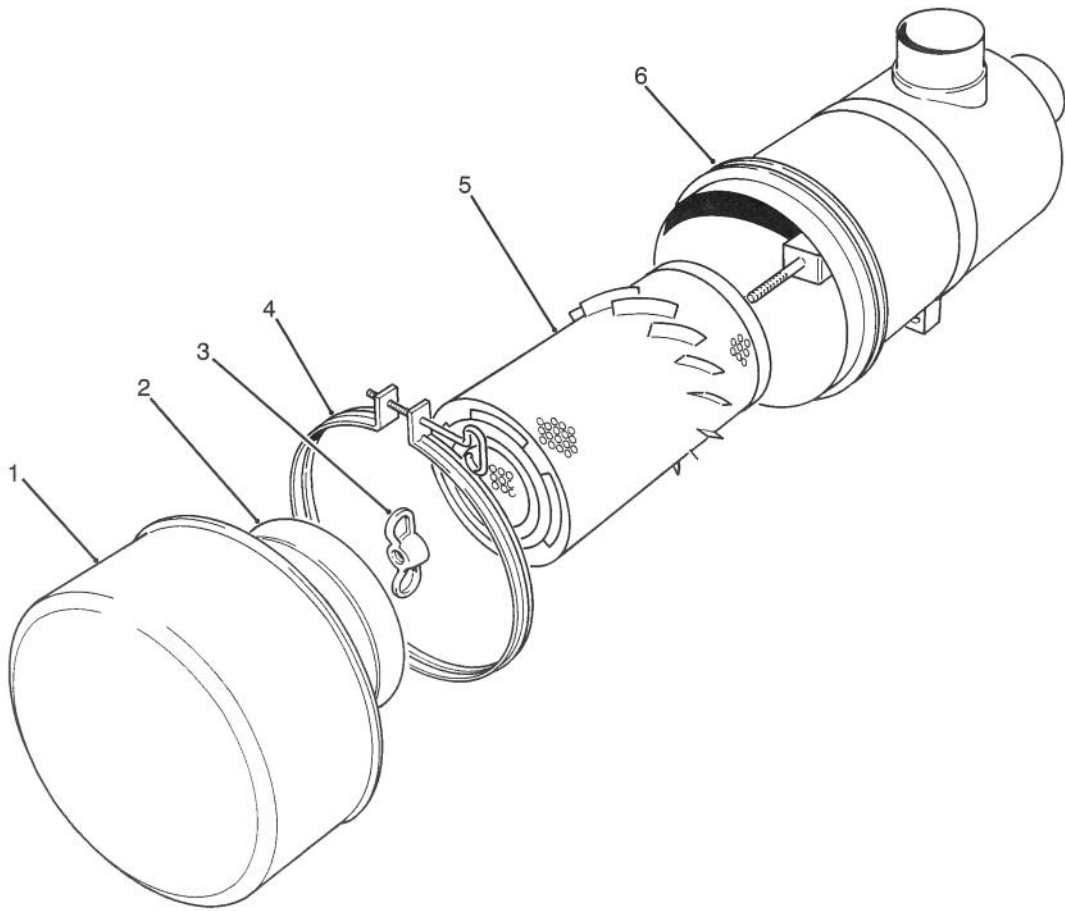
## FUEL FEED PUMP ASSEMBLY NO. 70-5700

| Ref. No. | Part No. | Description      | No. Used | Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------|----------|----------|----------|------------------------|----------|
| 1        | 70-6940  | Screw            | 1        | 14       | 70-4800  | Screw                  | 1        |
| 2        | 70-4650  | Pump Assembly    | 1        | 15       | 70-4780  | Plug                   | 1        |
| 3        | 70-4630  | Gasket           | 2        | 16       | 70-6700  | Washer                 | 1        |
| 4        | 70-4620  | Spring           | 2        | 17       | 70-4770  | Spring                 | 1        |
| 5        | 70-4610  | Valve            | 2        | 18       | 70-4720  | Piston                 | 1        |
| 6        | 70-4760  | Block            | 2        | 19       | 70-4660  | Rod, Blue Small Dia.   | A/R      |
| 7        | 70-4730  | Tappet           | 1        | *        | 70-4670  | Rod, Red Small Dia.    | A/R      |
| 8        | 70-4740  | Roller           | 1        | *        | 70-4680  | Rod, Yellow Small Dia. | A/R      |
| 9        | 70-6820  | Ring             | 1        | *        | 70-4690  | Rod, Green Small Dia.  | A/R      |
| 10       | 70-4750  | Pin              | 1        | *        | 70-4700  | Rod, White Small Dia.  | A/R      |
| 11       | 70-4600  | Housing Assembly | 1        | *        | 70-4710  | Rod, Brown Big Dia.    | A/R      |
| †12      | 70-3870  | Washer           | 4        | 20       | 70-4640  | Support                | 1        |
| 13       | 70-4790  | Filter           | 1        |          |          |                        |          |

\*Not Illustrated

†Included in Gasket Set No. 70-6950





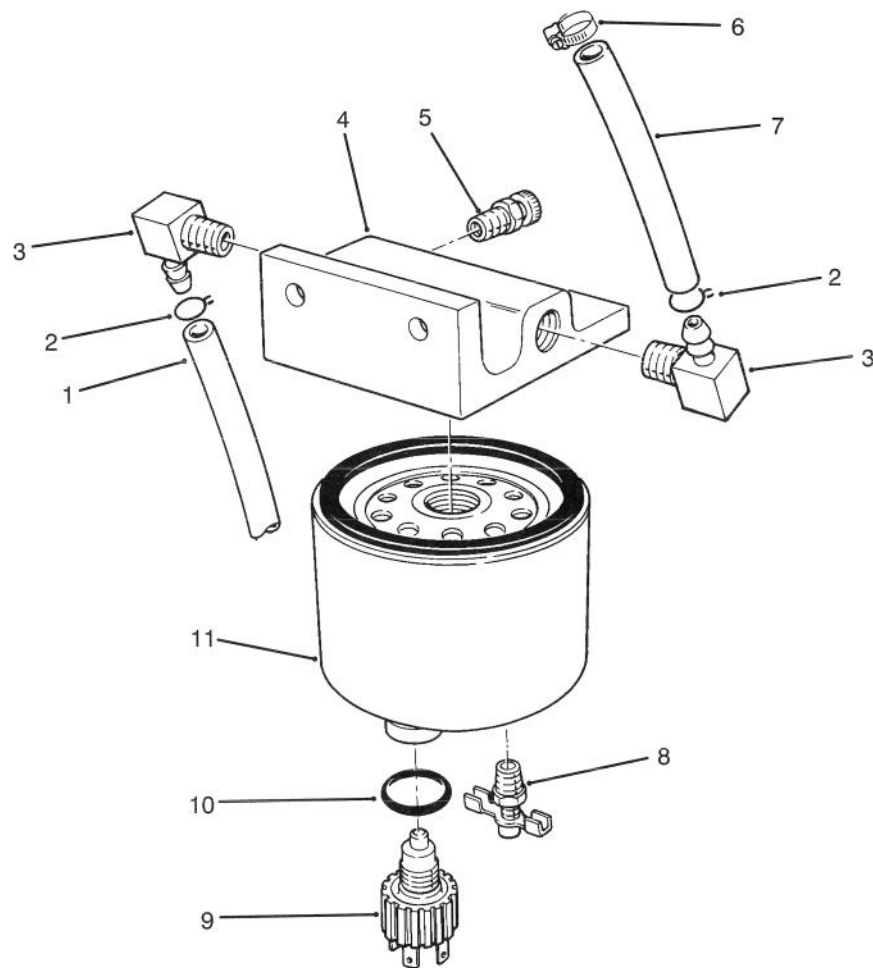
T-0387

# **AIR CLEANER ASSEMBLY NO. 69-1890**

| Ref. No. | Part No. | Description    | No. Used |
|----------|----------|----------------|----------|
| 1        | 69-1930  | Cup Assembly   | 1        |
| 2        | 69-1920  | Baffle         | 1        |
| 3        | 27-7120  | Nut            | 1        |
| 4        | 69-1910  | Clamp Assembly | 1        |

| Ref. No. | Part No. | Description         | No. Used |
|----------|----------|---------------------|----------|
| 5        | 69-1900  | Element Assembly    | 1        |
| †6       |          | Housing             | 1        |
| *        | 27-7220  | Detergent - Element | 1        |

\*Not Illustrated  
†Not Serviceable



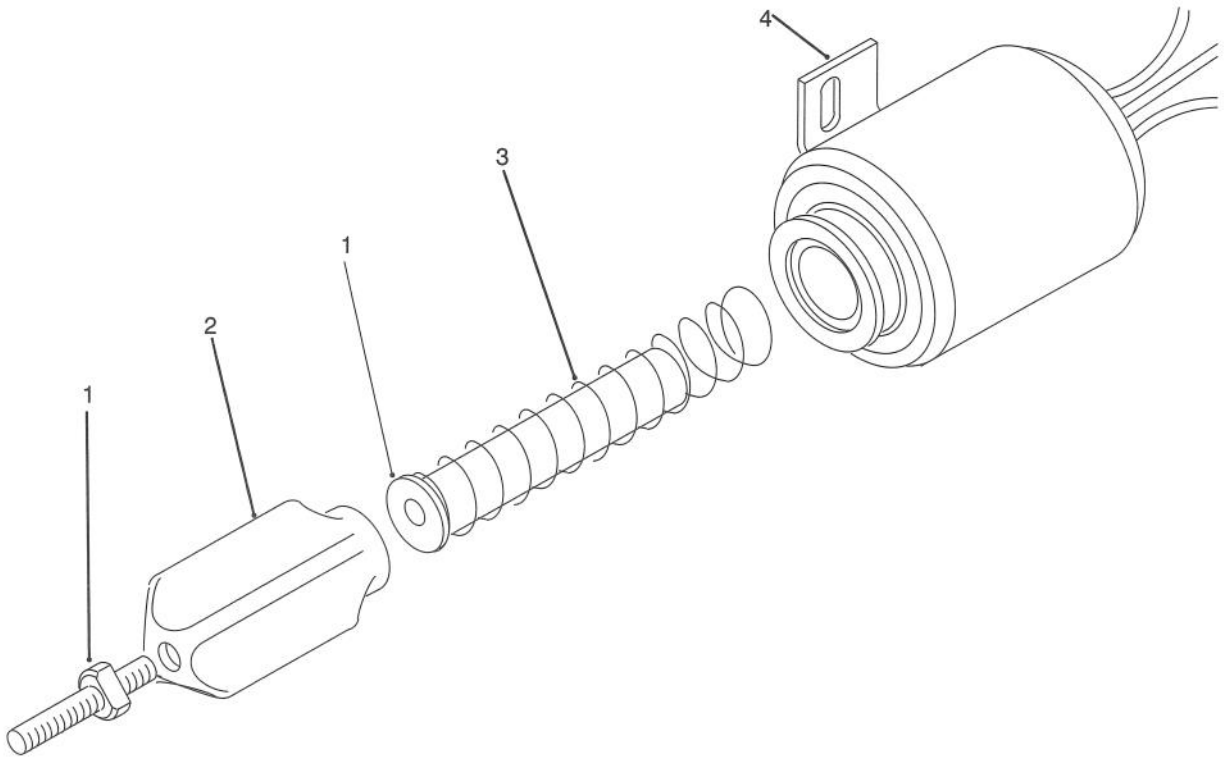
T-0376

FUEL FILTER ASSEMBLY

| Ref. No. | Part No. | Description                        | No. Used |
|----------|----------|------------------------------------|----------|
| 1        | 37-9560  | Hose - Fuel                        | 1        |
| 2        | 2412-6   | Clamp - Hose                       | 2        |
| 3        | 353-781  | Fitting - Fuel Elbow               | 2        |
| 4        | 63-8280  | Head - Fuel Filter (Incl. Ref. #5) | 1        |
| 5        | 63-8290  | Vent - Air                         | 1        |
| 6        | 2412-108 | Clamp - Hose                       | 1        |
| 7        | 71-2690  | Hose - Fuel                        | 1        |

| Ref. No. | Part No. | Description                                    | No. Used |
|----------|----------|------------------------------------------------|----------|
| 8        | 63-8310  | Valve - Drain                                  | 1        |
| 9        | 69-1760  | Sensor - Water                                 | 1        |
| 10       | 237-154  | Seal - O-Ring                                  | 1        |
| 11       | 69-1770  | Element - Spin-On (Incl. Ref. #6)              | 1        |
| *        | 69-1750  | Fuel Filter Assembly (Incl. Ref. #4, 5 & 8-11) | 1        |

\*Not Illustrated



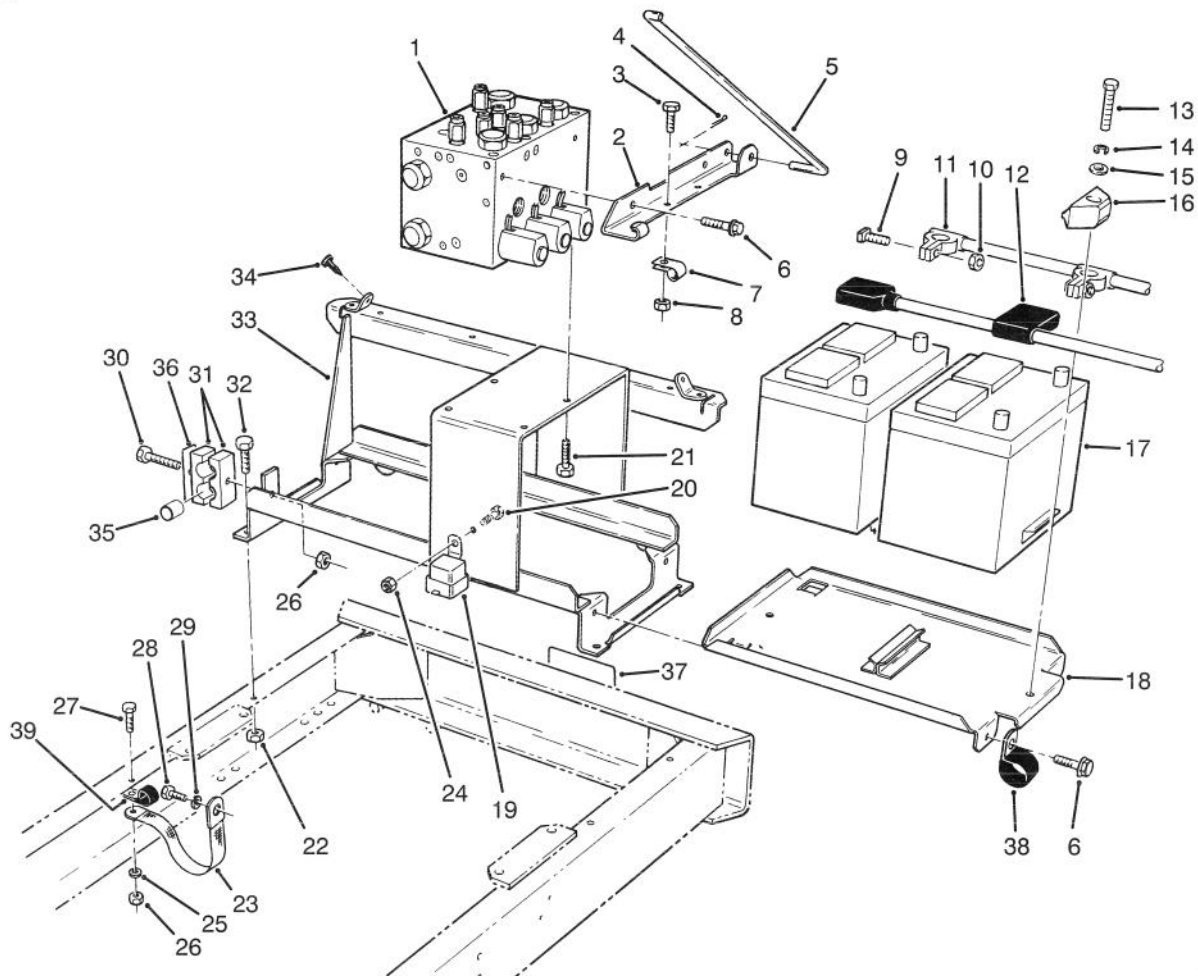
# SOLENOID VALVE NO. 85-6230

T-1758

| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| 1        | 85-6300  | Assembly - Plunger | 1        |
| 2        | 85-6290  | Boot - Rubber      | 1        |
| 3        | 85-6280  | Spring - Return    | 1        |

| Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|---------------------------------------------|----------|
| 4        | 85-6230  | Body - Solenoid                             | 1        |
| *        |          | Assembly - Solenoid Valve (Incl. Ref. #1-4) | 1        |

\*Not Illustrated



T-0346A

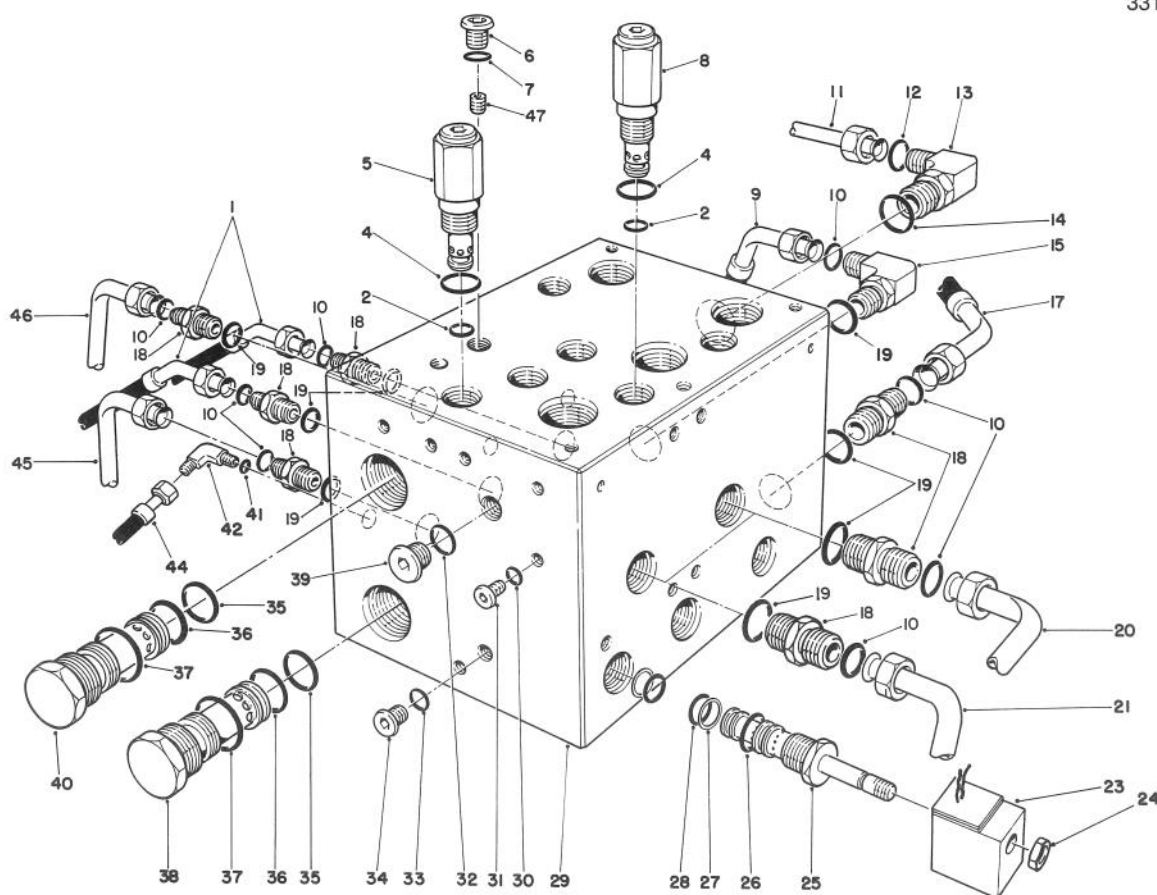
## BATTERY FRAME ASSEMBLY

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 1        | 69-4150  | PTO Manifold Assembly   | 1        |
| 2        | 69-9350  | Bracket - Hood Prop Rod | 1        |
| 3        | 321-3    | Screw - Cap Hex. Hd.    | 3        |
| 4        | 3272-6   | Pin - Cotter            | 1        |
| 5        | 69-9120  | Rod - Hood Prop         | 1        |
| 6        | 3234-17  | Screw - Hex. Flange Hd. | 4        |
| 7        | 2412-73  | Clamp - R               | 3        |
| 8        | 32149-2  | Nut - Keps              | 3        |
| †9       |          | Bolt - Clamp            | 4        |
| †10      |          | Nut - Clamp             | 4        |
| 11       | 80-0130  | Cable - Negative        | 1        |
| 12       | 92-4997  | Cable - Positive        | 1        |
| 13       | 323-8    | Screw - Cap Hex. Hd.    | 2        |
| 14       | 3253-21  | Washer - Lock           | 2        |
| 15       | 3256-24  | Washer - Flat           | 2        |
| 16       | 66-2490  | Hold-Down - Battery     | 2        |
| ‡17      |          | Battery (Type 24, LTV)  | 2        |
| 18       | 80-0160  | Tray - Battery          | 1        |
| 19       | 63-7590  | Relay                   | 1        |
| 20       | 3290-321 | Screw - Cap Hex. Hd.    | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 21       | 323-4    | Screw - Cap Hex. Hd.    | 4        |
| 22       | 32152-2  | Nut - Lock              | 4        |
| 23       | 18-2770  | Strap - Ground          | 1        |
| 24       | 3296-2   | Nut - Flange Lock       | 1        |
| 25       | 3254-2   | Washer - Lock           | 1        |
| 26       | 32152-1  | Nut - Lock              | 2        |
| 27       | 322-5    | Screw - Cap Hex Hd.     | 1        |
| 28       | 69-0060  | Screw - Cap Hex. Hd.    | 1        |
| 29       | 48-8070  | Washer - Lock           | 1        |
| 30       | 322-11   | Screw - Cap Hex. Hd.    | 1        |
| 31       | 56-7974  | Clamp - Hydraulic Lines | 2        |
| 32       | 323-6    | Screw - Cap Hex. Hd.    | 4        |
| 33       | 69-8290  | Frame - Battery         | 1        |
| 34       | 237-37   | Bumper - Rubber         | 4        |
| 35       | 23-7250  | Spacer                  | 1        |
| 36       | 69-9761  | Plate - Clamp           | 1        |
| 37       | 72-4080  | Decal - Danger          | 1        |
| 38       | 2412-41  | Clamp                   | 2        |
| 39       | 2412-39  | Clamp                   | 1        |

†Not serviceable separately.

‡Obtain Locally

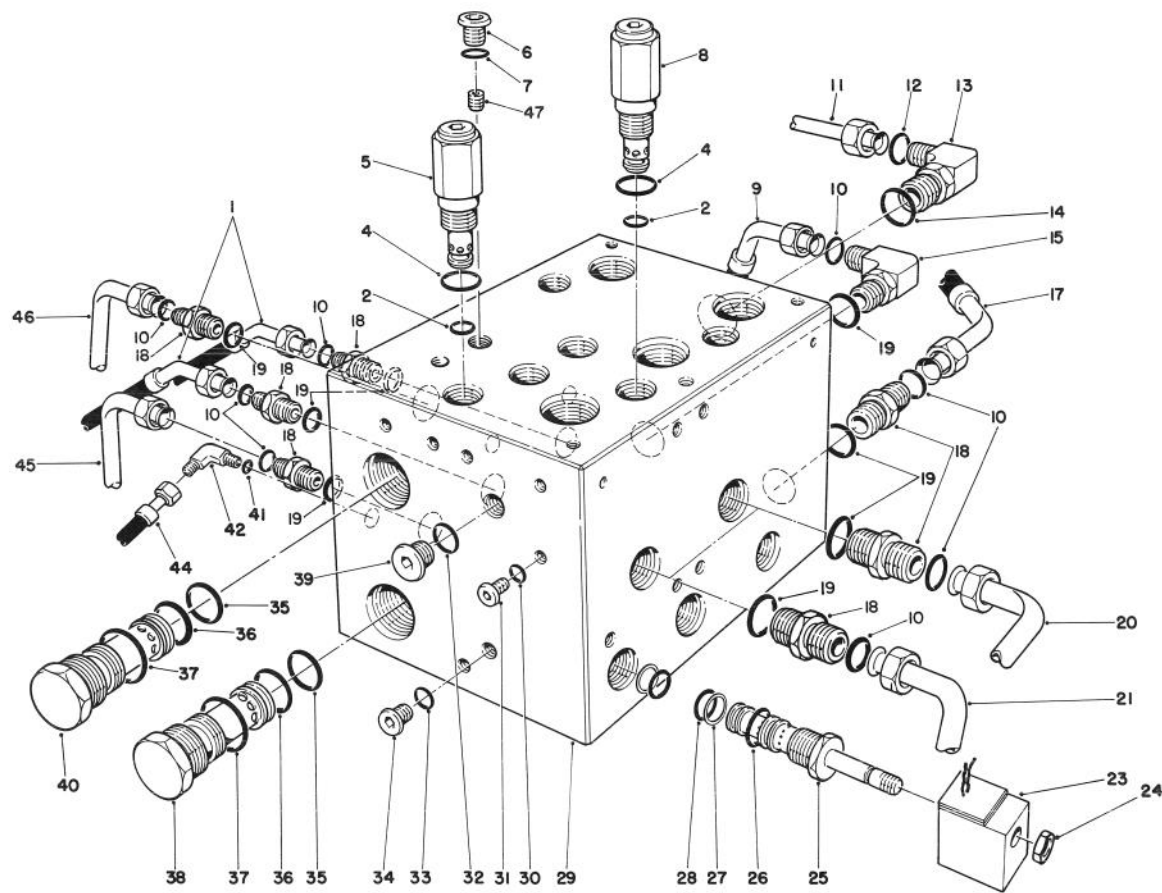


T-0364B

## PTO MANIFOLD ASSEMBLY

| Ref. No. | Part No. | Description                                        | No. Used | Ref. No. | Part No. | Description                                     | No. Used |
|----------|----------|----------------------------------------------------|----------|----------|----------|-------------------------------------------------|----------|
| 1        | 69-5590  | Hose - Hydraulic                                   | 2        | 25       | 92-3071  | Spool - Solenoid Valve (Incl. Ref. # 24, 26-28) | 3        |
| †2       |          | Seal - O-Ring                                      | 6        | †26      |          | Seal - O-Ring                                   | 3        |
| †4       |          | Seal - O-Ring                                      | 6        | †27      |          | Seal - Washer                                   | 6        |
| 5        | 69-4170  | Valve - Cartridge (600 lbs) (Incl. Ref. #2-4)      | 3        | †28      |          | Seal - O-Ring                                   | 6        |
| 6        | 353-989  | Plug (Incl. Ref. #7)                               | 1        | †29      |          | Manifold - PTO                                  | 1        |
| 7        | 237-42   | Seal - O-Ring                                      | 1        | 30       | 237-156  | Seal - O-Ring                                   | 30       |
| 8        | 69-4180  | Valve - Cartridge (3000 lbs) (Incl. Ref. #2-4)     | 3        | 31       | 353-991  | Plug (Incl. Ref. #30)                           | 30       |
| 9        | 69-5600  | Hose - Hydraulic                                   | 1        | 32       | 237-79   | Seal - O-Ring                                   | 4        |
| 10       | 237-58   | Seal - O-Ring                                      | 8        | 33       | 237-78   | Seal - O-Ring                                   | 1        |
| 11       | 69-6160  | Tube - Hydraulic                                   | 1        | 34       | 353-990  | Plug (Incl. Ref. #33)                           | 1        |
| 12       | 340-65   | Seal - O-Ring                                      | 2        | †35      |          | Seal - O-Ring                                   | 6        |
| 13       | 340-129  | Fitting - Hydraulic Elbow (Incl. Ref. #12 & 14)    | 1        | †36      |          | Seal - O-Ring                                   | 6        |
| 14       | 237-146  | Seal - O-Ring                                      | 1        | †37      |          | Seal - O-Ring                                   | 6        |
| 15       | 340-142  | Fitting - Hydraulic Elbow (Incl. Ref. #10 & 16)    | 1        | 38       | 69-4200  | Valve - Cartridge (75 lbs) (Incl. Ref. #35-37)  | 3        |
| 17       | 69-5610  | Hose - Hydraulic                                   | 1        | 39       | 353-988  | Plug (Incl. Ref. #32)                           | 4        |
| 18       | 340-9    | Fitting - Hydraulic Straight (Incl. Ref. #10 & 19) | 7        | 40       | 69-4190  | Valve - Cartridge (20 lbs) (Incl. Ref. #35-37)  | 3        |
| 19       | 237-81   | Seal - O-Ring                                      | 8        | 41       | 237-78   | Seal - O-Ring                                   | 2        |
| 20       | 69-6180  | Tube - Hydraulic                                   | 1        | 42       | 353-431  | Fitting - Hydraulic 45° (Incl. Ref. #41 & 43)   | 2        |
| 21       | 69-6170  | Tube - Hydraulic                                   | 1        | 44       | 93-7423  | Hose - Diagnostic                               | 2        |
| 23       | 88-9190  | Solenoid Coil Assembly                             | 3        | 45       | 69-6140  | Tube - Hydraulic                                | 1        |
| 24       | 3219-10  | Nut - Jam                                          | 3        | 46       | 69-6150  | Tube - Hydraulic                                | 1        |

†Not serviceable separately.



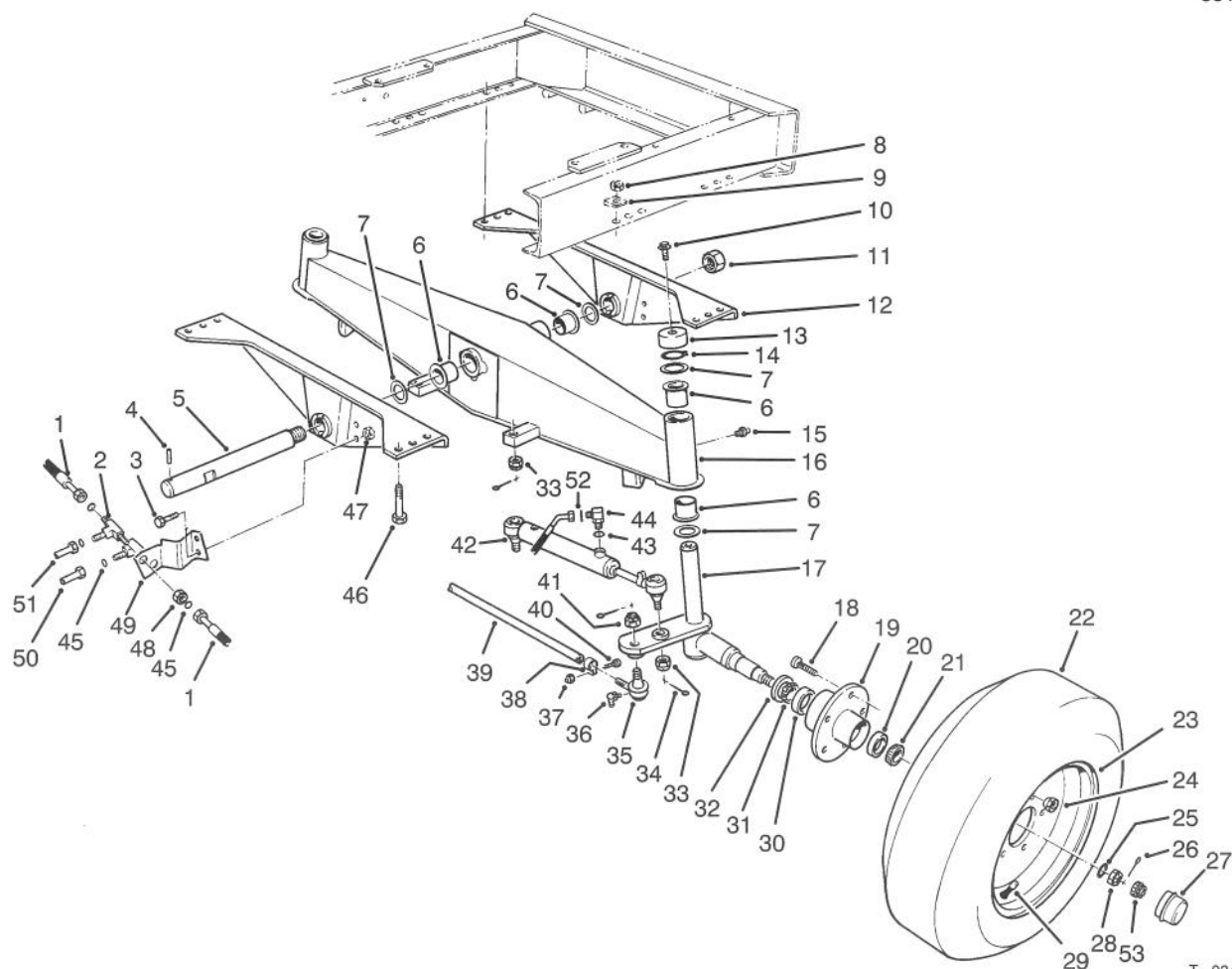
T-0364A

PTO MANIFOLD ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------------------------------|----------|
| 47       | 69-4220  | Plug - Orifice                               | 1        |
| *        | 69-4230  | Cartridge Valve Seal Kit (Incl. Ref. #2 & 4) | 6        |
| *        | 69-4270  | Cartridge Valve Seal Kit (Incl. Ref. #35-37) | 6        |

| Ref. No. | Part No. | Description                                            | No. Used |
|----------|----------|--------------------------------------------------------|----------|
| *        | 69-4260  | Solenoid Valve Seal Kit (Incl. Ref. #26-28)            | 3        |
| *        | 69-4150  | PTO Manifold Assembly (Incl. Ref. #2, 4-8, 22-40 & 47) | 1        |

\*Not Illustrated



T-0345

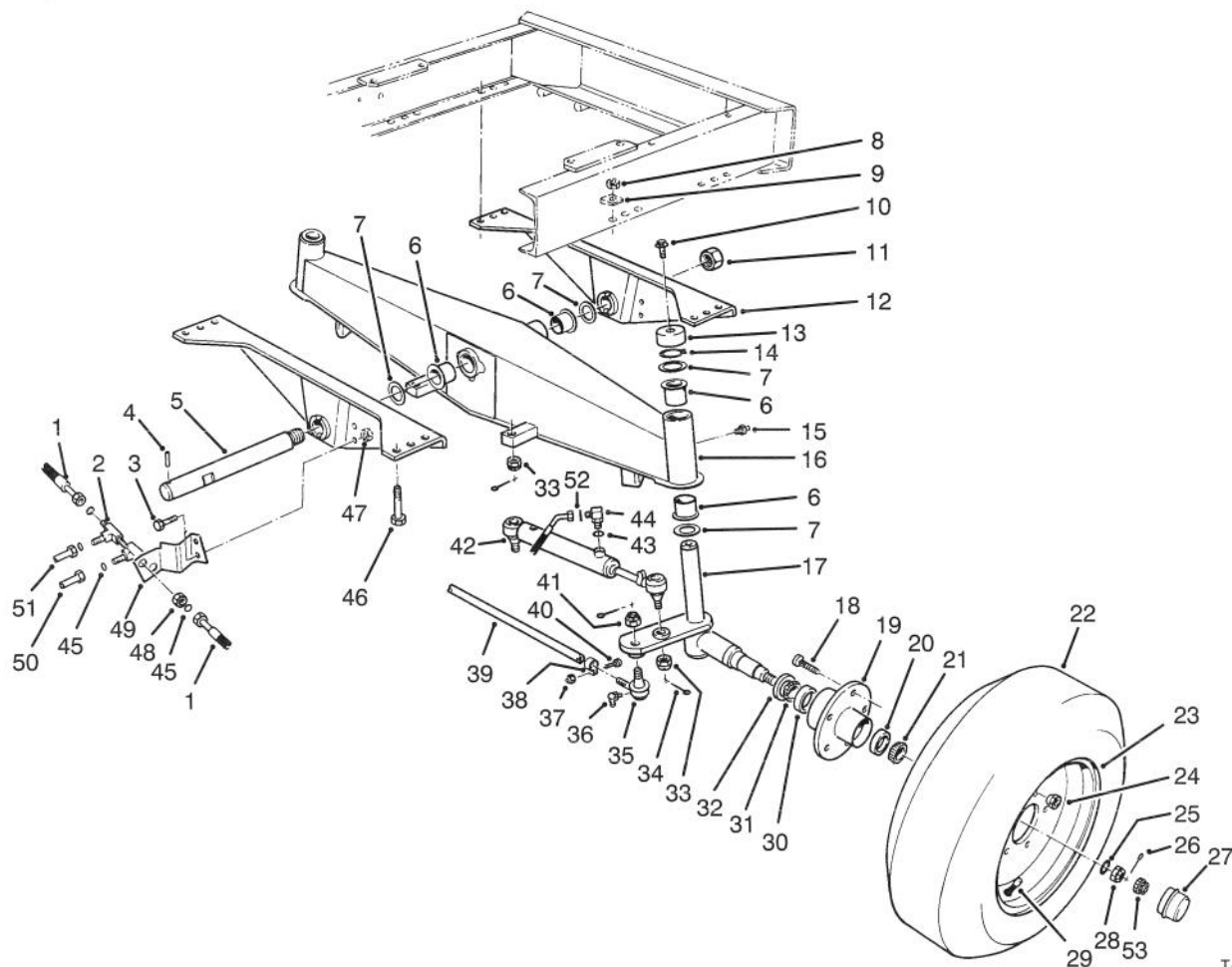
## REAR AXLE ASSEMBLY

| Ref. No. | Part No.  | Description                                       | No. Used | Ref. No. | Part No. | Description                                     | No. Used |
|----------|-----------|---------------------------------------------------|----------|----------|----------|-------------------------------------------------|----------|
| 1        | 69-5510   | Hose - Hydraulic                                  | 4        | 24       | 23-7270  | Nut - Lug                                       | 10       |
| 2        | 340-68    | Fitting - Hydraulic Bulkhead Tee (Incl. Ref. #45) | 2        | 25       | 93-0309  | Washer                                          | 2        |
| 3        | 323-6     | Screw - Cap Hex. Hd.                              | 2        | 26       | 3272-13  | Pin - Cotter                                    | 2        |
| 4        | 32121-110 | Pin - Roll                                        | 1        | 27       | 69-2970  | Cap - Hub                                       | 2        |
| 5        | 71-2590   | Shaft - Pivot                                     | 1        | 28       | 3220-7   | Nut - Jam                                       | 2        |
| 6        | 69-6470   | Bushing - Flange                                  | 6        | 29       | 232-27   | Stem - Valve                                    | 2        |
| 7        | 256-304   | Washer - Thrust                                   | 6        | 30       | 254-107  | Cup - Bearing Inner                             | 2        |
| 8        | 32128-23  | Nut - Lock                                        | 12       | 31       | 254-106  | Cone - Bearing Inner                            | 2        |
| 9        | 3290-216  | Washer - Bevel                                    | 12       | 32       | 69-2980  | Seal - Inner                                    | 2        |
| 10       | 3234-12   | Screw - Hex. Flange Hd.                           | 2        | 33       | 32136-13 | Nut - Castle                                    | 4        |
| 11       | 3296-68   | Nut - Lock                                        | 1        | 34       | 3272-12  | Pin - Cotter                                    | 6        |
| 12       | 69-7960   | Support - Axle                                    | 2        | 35       | 2116-4   | Joint - Ball R.H.                               | 1        |
| 13       | 69-8890   | Cap - Spindle                                     | 2        | *        | 2116-3   | Joint - Ball L.H.                               | 1        |
| 14       | 32151-10  | Ring - Retaining                                  | 2        | 36       | 302-33   | Fitting - Grease                                | 2        |
| 15       | 302-5     | Fitting - Grease                                  | 3        | †37      |          | Nut - Lock                                      | 2        |
| 16       | 69-7420   | Axle - Rear (Incl. Ref. #6 & 15)                  | 1        | 38       | 2412-7   | Clamp Assembly (Incl. Ref. #37 & 40)            | 2        |
| 17       | 93-0311   | Spindle - Wheel L.H.                              | 1        | 39       | 3-3710   | Tie Rod Assembly (Incl. Ref. #35-41)            | 1        |
| *        | 93-0310   | Spindle - Wheel R.H.                              | 1        | †40      |          | Screw - Cap Hex. Hd.                            | 2        |
| 18       | 69-2990   | Screw - Drive                                     | 10       | 41       | 32136-2  | Nut - Castle                                    | 2        |
| 19       | 69-2960   | Hub - Rear Wheel (Incl. Ref. #18, 20 & 30)        | 2        | 42       | 69-1960  | Hydraulic Cylinder Assembly                     | 2        |
| 20       | 254-72    | Cup - Bearing Outer                               | 2        | 43       | 237-78   | Seal - O-Ring                                   | 4        |
| 21       | 254-92    | Cone - Bearing Outer                              | 2        | 44       | 340-132  | Fitting - Hydraulic Elbow (Incl. Ref. #43 & 52) | 4        |
| 22       | 69-9880   | Tire                                              | 2        | 45       | 237-22   | Seal - O-Ring                                   | 6        |
| 23       | 217-116   | Rim                                               | 2        | 46       | 325-6    | Screw - Cap Hex. Hd.                            | 12       |

\*Not Illustrated

†Not serviceable separately.



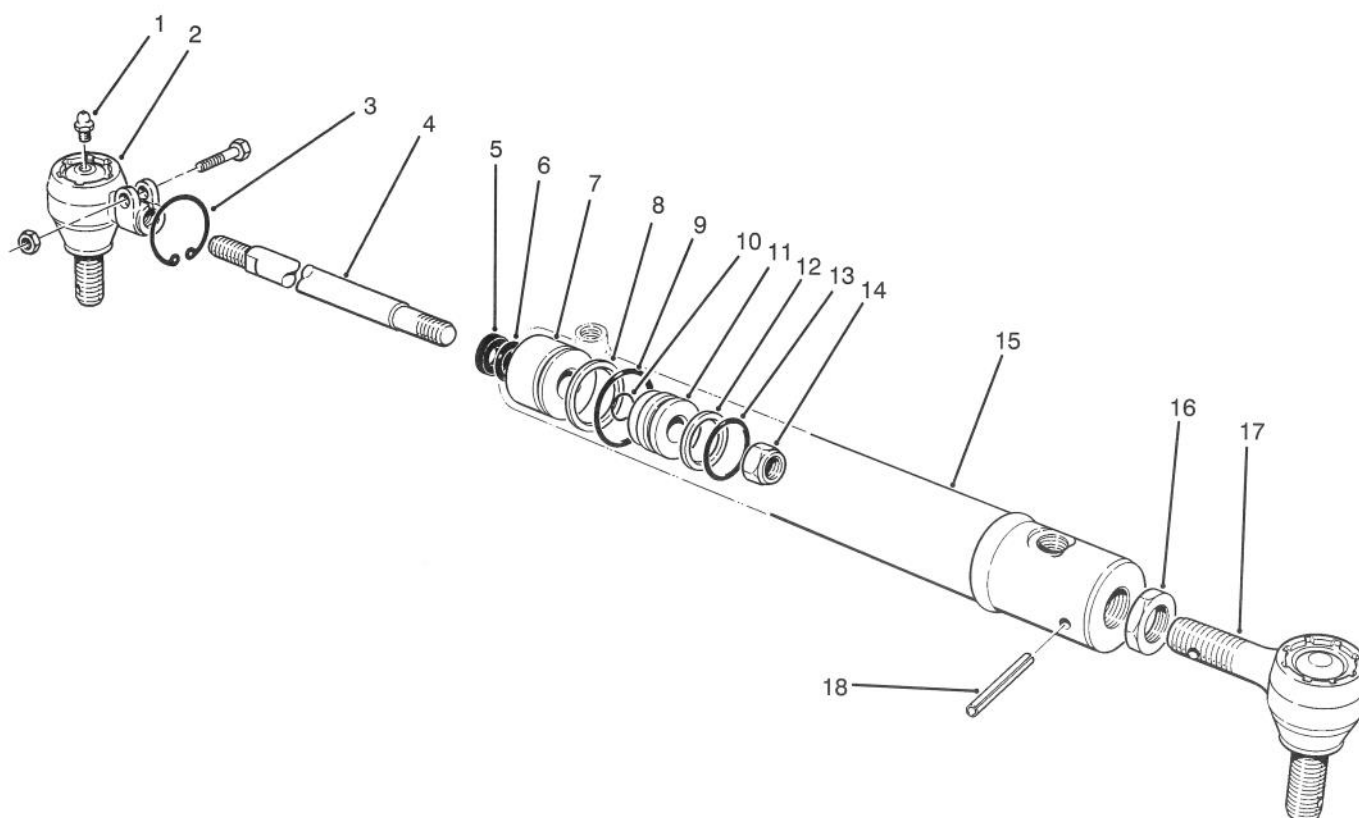


T-0345

## REAR AXLE ASSEMBLY (Continued)

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 47       | 32152-2  | Nut - Lock             | 2        |
| 48       | 340-70   | Nut - Bulkhead         | 2        |
| 49       | 69-9400  | Bracket - Hose Support | 1        |
| 50       | 69-6010  | Tube - Hydraulic       | 1        |

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 51       | 69-6020  | Tube - Hydraulic | 1        |
| 52       | 237-21   | Seal - O-Ring    | 4        |
| 53       | 93-0307  | Nut - Retainer   | 2        |



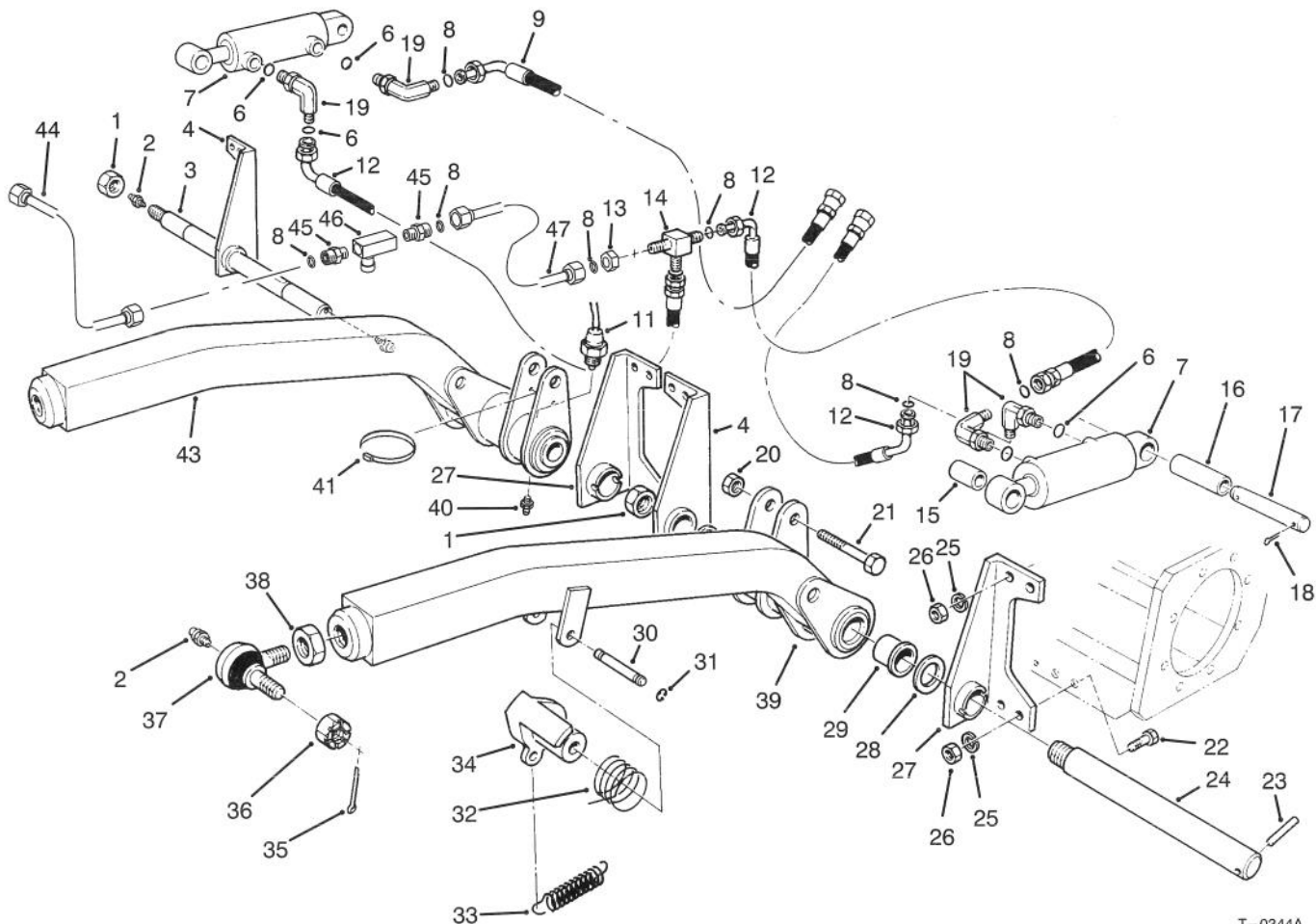
T-0378

## HYDRAULIC CYLINDER ASSEMBLY NO. 69-1960

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 1        | 302-5    | Fitting - Grease | 1        |
| 2        | 69-9810  | Joint - Ball     | 1        |
| 3        |          | Ring - Retaining | 1        |
| 4        | 69-2020  | Rod - Piston     | 1        |
| 5        |          | Wiper - Rod      | 1        |
| 6        |          | Seal - U-Cup     | 1        |
| 7        | 69-2030  | Ring - Head      | 1        |
| 8        |          | Ring - Back-Up   | 1        |
| 9        |          | Seal - O-Ring    | 1        |
| 10       |          | Seal - O-Ring    | 1        |
| 11       | 69-2000  | Piston           | 1        |

| Ref. No. | Part No. | Description                                     | No. Used |
|----------|----------|-------------------------------------------------|----------|
| 12       |          | Ring - Piston                                   | 1        |
| 13       |          | Seal - O-Ring                                   | 1        |
| 14       | 69-1990  | Nut - Lock                                      | 1        |
| 15       |          | Barrel - Cylinder                               | 1        |
| 16       | 69-1980  | Nut - Jam                                       | 1        |
| 17       | 69-1970  | Joint - Ball                                    | 1        |
| 18       | 32121-34 | Pin - Roll                                      | 1        |
| *        | 92-1792  | Repair Kit (Incl. Ref. #3, 5, 6, 8-10 & 12-13)  | 1        |
| *        | 69-1960  | Steering Cylinder (Complete) (Incl. Ref. #3-18) | 2        |

\*Not Illustrated

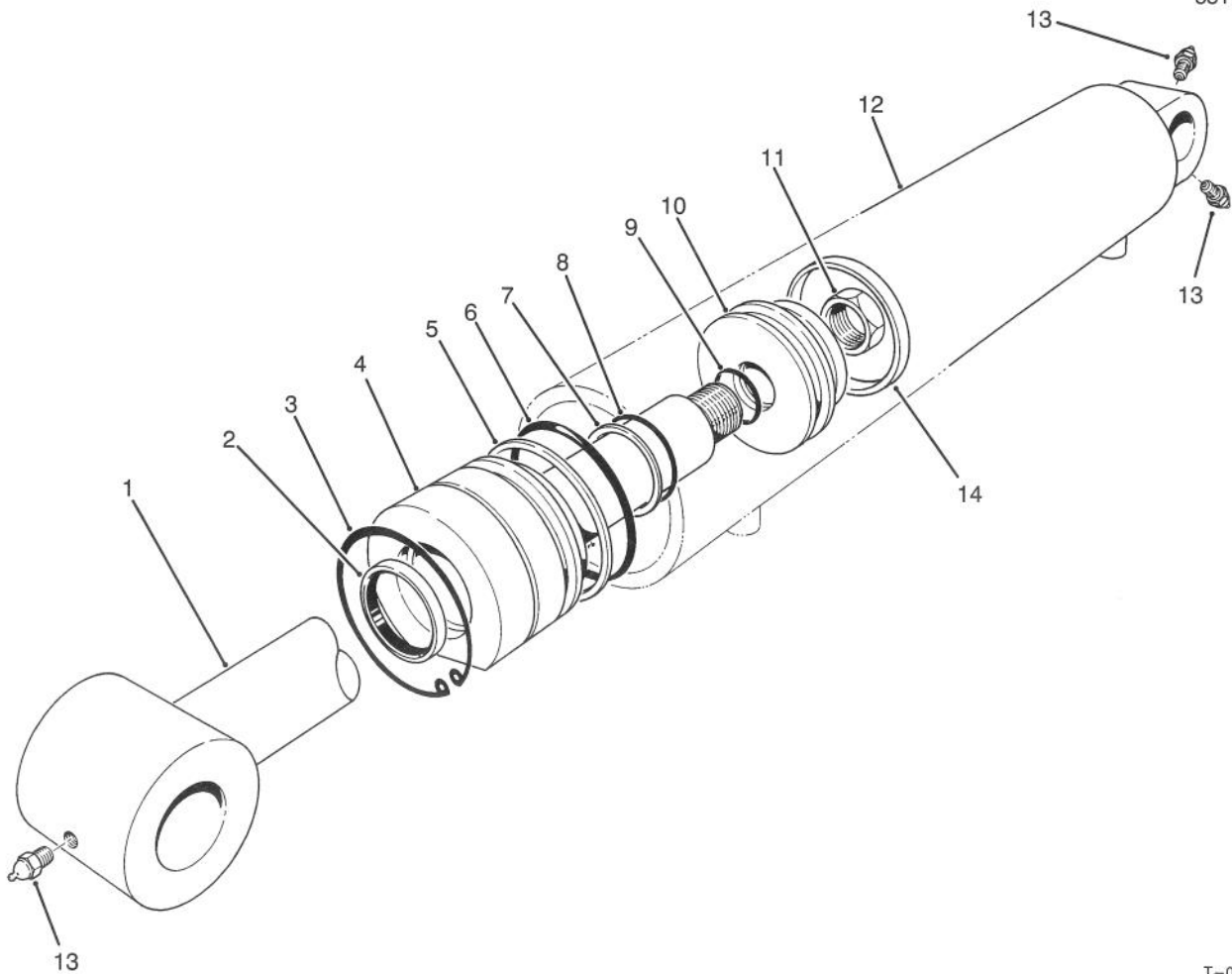


T-0344A

## FRONT LIFT ARM ASSEMBLY

| Ref. No. | Part No.  | Description                                      | No. Used |
|----------|-----------|--------------------------------------------------|----------|
| 1        | 3296-68   | Nut - Lock                                       | 2        |
| 2        | 302-2     | Fitting - Grease                                 | 4        |
| 3        | 71-2570   | Shaft - Pivot                                    | 1        |
| 4        | 69-7940   | Support - Lift Arm R.H.                          | 2        |
| 6        | 237-42    | Seal - O-Ring                                    | 4        |
| 7        | 92-4971   | Hydraulic Cylinder Assembly                      | 2        |
| 8        | 237-22    | Seal - O-Ring                                    | 9        |
| 9        | 69-8440   | Hose - Hydraulic                                 | 1        |
| 11       | 72-4310   | Switch - Ball                                    | 1        |
| 12       | 69-5440   | Hose - Hydraulic                                 | 3        |
| 13       | 340-70    | Nut - Bulkhead                                   | 1        |
| 14       | 340-68    | Fitting - Hydraulic Bulk. Tee<br>(Incl. Ref. #8) | 1        |
| 15       | 69-9190   | Tube - Cylinder Bushing                          | 2        |
| 16       | 20-4360   | Tube - Spacer                                    | 2        |
| 17       | 69-9180   | Pin - Cylinder                                   | 2        |
| 18       | 3272-23   | Pin - Cotter                                     | 4        |
| 19       | 340-77    | Fitting - Hydraulic Elbow<br>(Incl. Ref. #6 & 8) | 4        |
| 20       | 32153-6   | Nut - Lock                                       | 2        |
| 21       | 328-10    | Screw - Cap Hex. Hd.                             | 2        |
| 22       | 325-6     | Screw - Cap Hex. Hd.                             | 12       |
| 23       | 32121-110 | Pin - Roll                                       | 2        |
| 24       | 71-2590   | Shaft - Pivot                                    | 1        |
| 25       | 3253-7    | Washer - Lock                                    | 16       |

| Ref. No. | Part No. | Description                                        | No. Used |
|----------|----------|----------------------------------------------------|----------|
| 26       | 3217-9   | Nut - Hex.                                         | 16       |
| 27       | 69-7920  | Support - Lift Arm L.H.                            | 2        |
| 28       | 256-304  | Washer - Thrust                                    | 2        |
| 29       | 69-6470  | Bushing - Flange                                   | 4        |
| 30       | 92-4806  | Pin - Latch                                        | 1        |
| 31       | 32120-47 | Ring - Retaining                                   | 2        |
| 32       | 69-8470  | Spring - Torsion                                   | 1        |
| 33       | 76-1670  | Spring - Extension                                 | 1        |
| 34       | 69-1540  | Pivot - Spring                                     | 1        |
| 35       | 3272-12  | Pin - Cotter                                       | 2        |
| 36       | 32136-2  | Nut - Slotted                                      | 2        |
| 37       | 86-8100  | Joint - Ball<br>(Incl. Ref. #2 & 36)               | 2        |
| 38       | 21-3000  | Nut - Jam                                          | 2        |
| 39       | 69-9580  | Front Lift Arm Assy. L.H.<br>(Incl. Ref. #29 & 40) | 1        |
| 40       | 302-5    | Fitting - Grease                                   | 2        |
| 41       | 3290-378 | Tie - Cable                                        | 1        |
| 43       | 69-9570  | Front Lift Arm Assy. R.H.<br>(Incl. Ref. #29 & 40) | 1        |
| 44       | 93-7426  | Tube - Hydraulic                                   | 1        |
| 45       | 340-57   | Fitting - Hydraulic Straight<br>(Incl. Ref. #8)    | 2        |
| 46       | 93-1397  | Valve - Flow Control                               | 1        |
| 47       | 93-7427  | Tube - Hydraulic                                   | 1        |



T-0380A

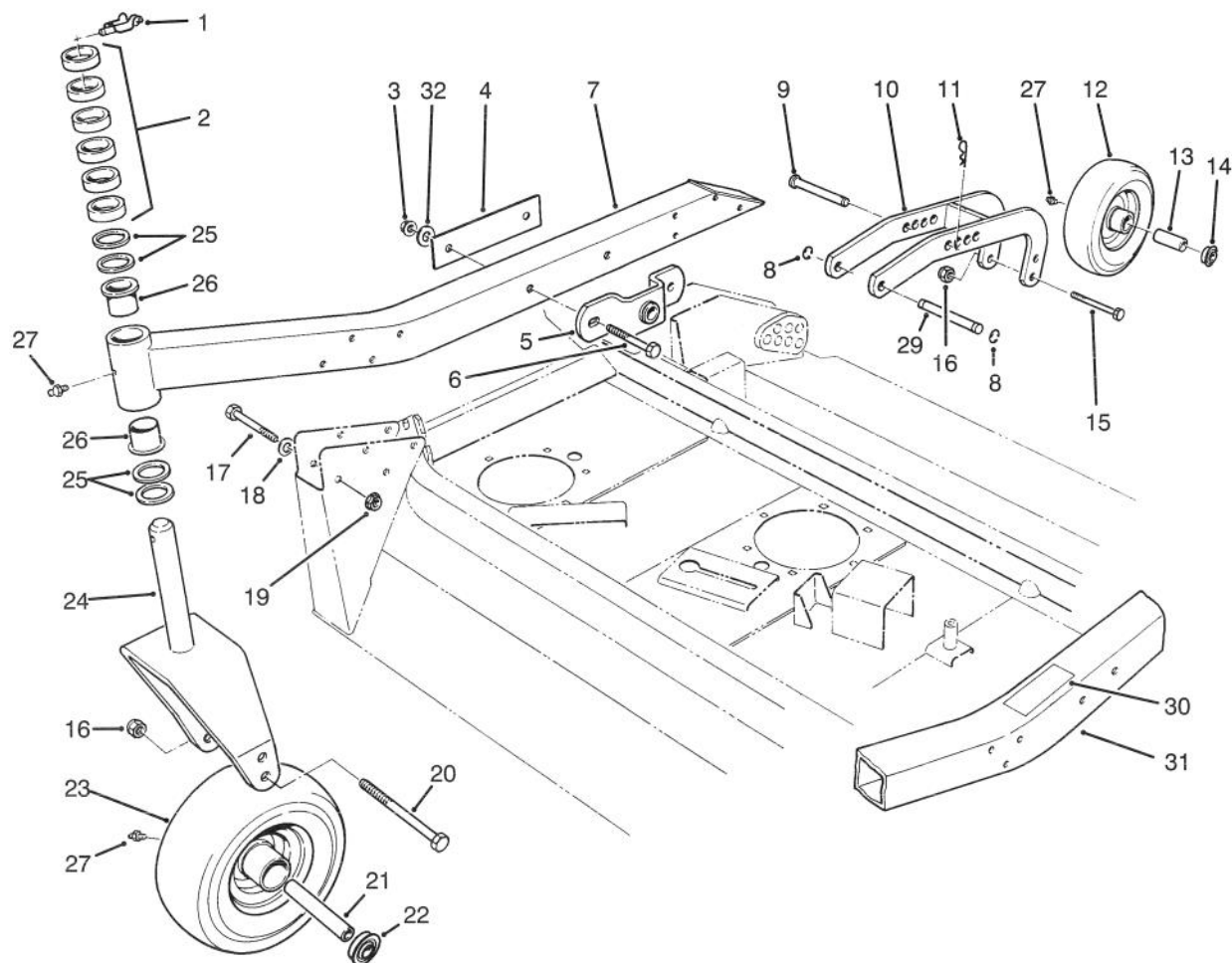
# **HYDRAULIC CYLINDER ASSEMBLY NO. 92-4971**

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 1        | 69-2580  | Shaft w/clevis   | 1        |
| †2       |          | Seal - Dust      | 1        |
| 3        | 61-4990  | Ring - Retaining | 1        |
| 4        | 69-2570  | Head             | 1        |
| †5       |          | Ring - Back-Up   | 1        |
| †6       |          | Seal - O-Ring    | 1        |
| †7       |          | Ring - Back-Up   | 1        |
| †8       |          | Seal - O-Ring    | 1        |

| Ref. No. | Part No. | Description                           | No. Used |
|----------|----------|---------------------------------------|----------|
| †9       |          | Uni-Ring                              | 1        |
| 10       | 60-9770  | Piston                                | 1        |
| 11       | 60-9760  | Nut - Lock                            | 1        |
| †12      |          | Barrel                                | 1        |
| 13       | 302-5    | Fitting - Grease                      | 3        |
| 14       |          | Seal - Uni-Ring                       | 1        |
| *        | 86-7350  | Seal Repair Kit (Incl. Ref. #2 & 5-9) | 1        |

\*Not Illustrated

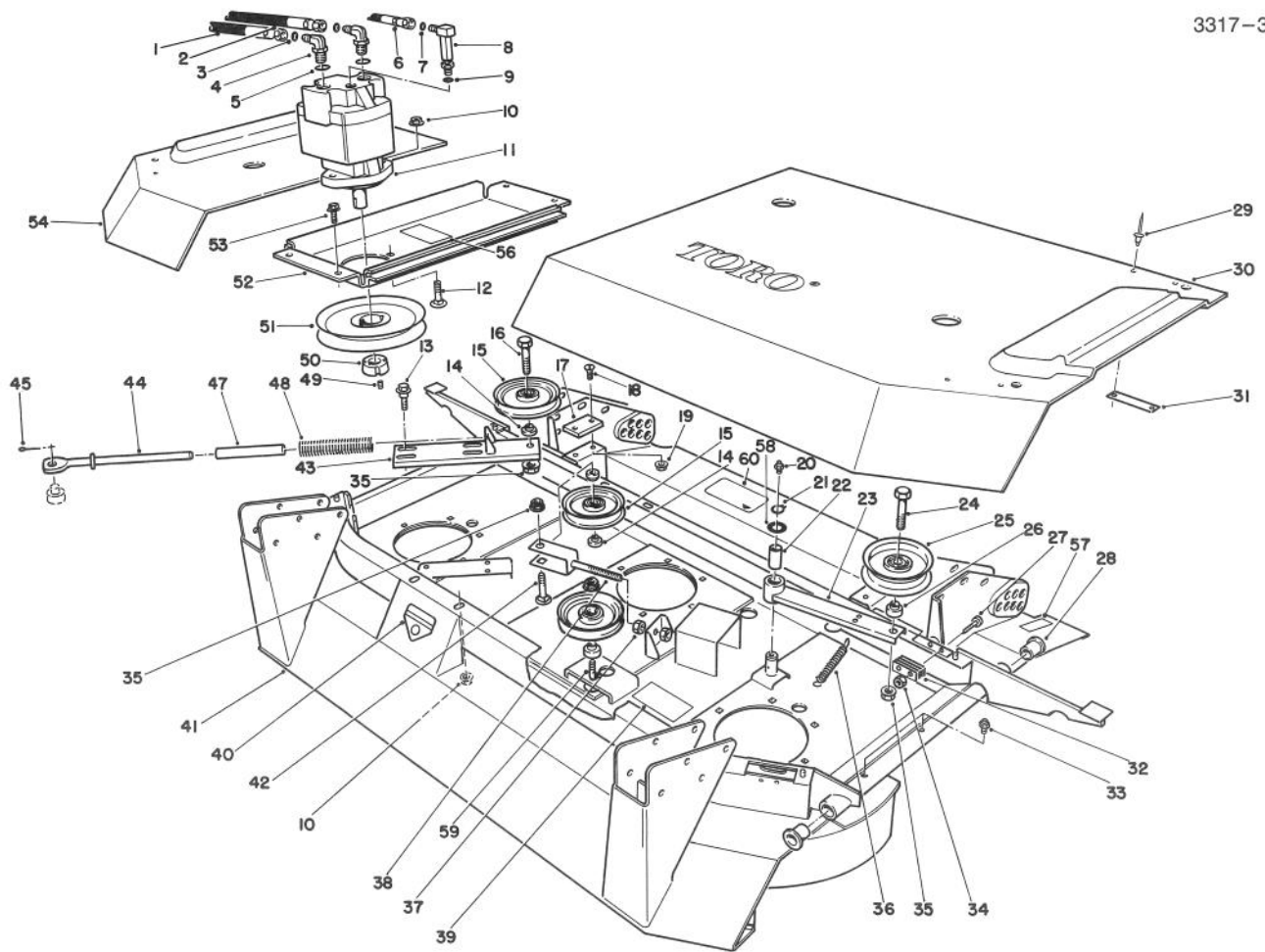
†Not serviceable separately.



T-0362A

## CENTER DECK MODEL NO. 30592 CARRIER FRAME ASSEMBLY

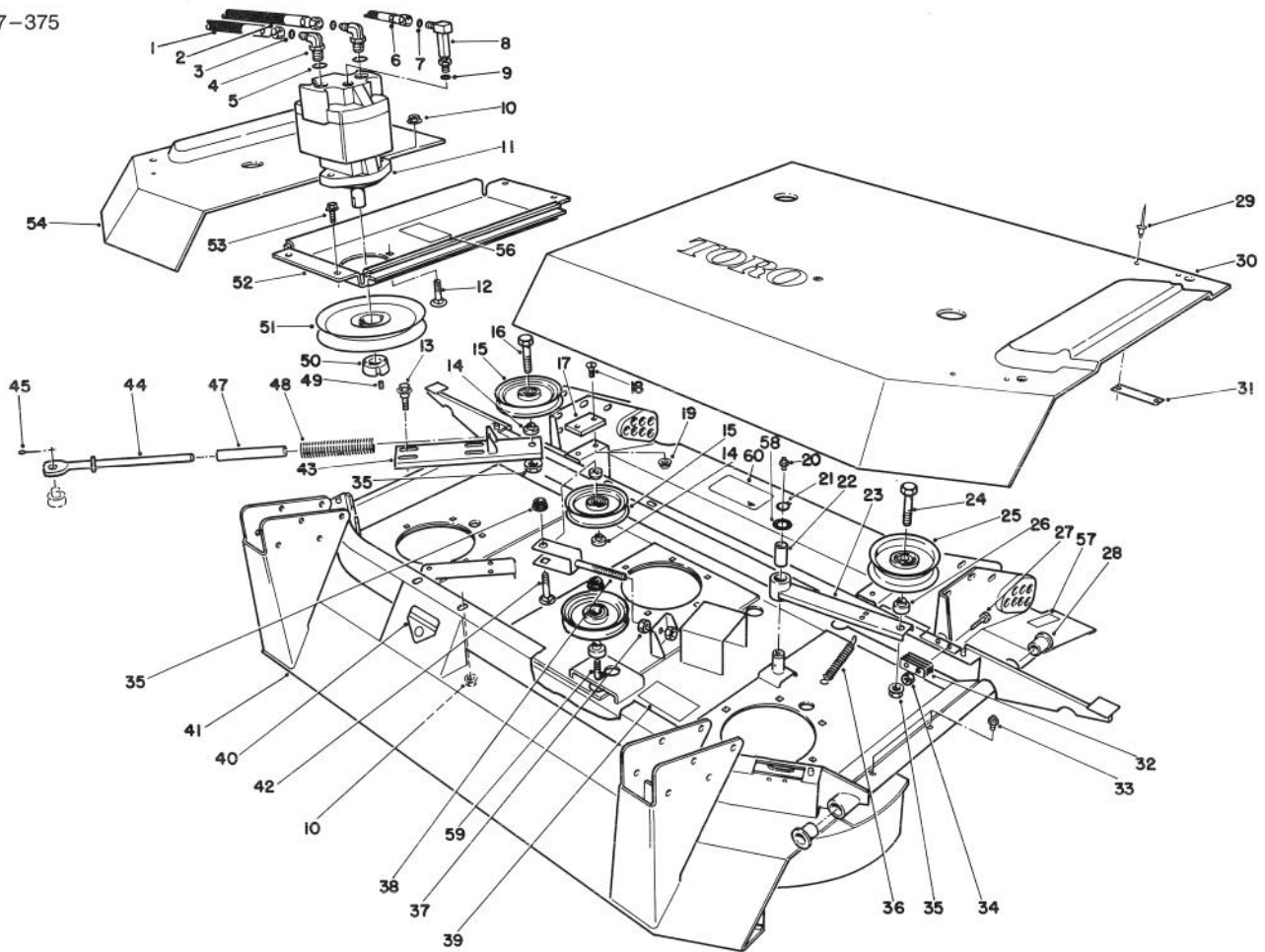
| Ref. No. | Part No. | Description                                        | No. Used | Ref. No. | Part No. | Description                                        | No. Used |
|----------|----------|----------------------------------------------------|----------|----------|----------|----------------------------------------------------|----------|
| 1        | 3290-384 | Pin - Lynch                                        | 2        | 17       | 323-15   | Screw - Cap Hex. Hd.                               | 16       |
| 2        | 69-1510  | Spacer - Caster                                    | 12       | 18       | 5-0838   | Washer - Flat                                      | 16       |
| 3        | 32128-23 | Nut - Flange Lock                                  | 4        | 19       | 32128-43 | Nut - Lock                                         | 16       |
| 4        | 69-8790  | Plate - Reinforcing                                | 2        | 20       | 327-25   | Screw - Cap Hex. Hd.                               | 2        |
| 5        | 69-7290  | Mount - Ball Joint                                 | 2        | 21       | 251-333  | Spacer - Bearing                                   | 2        |
| 6        | 325-15   | Screw - Cap Hex. Hd.                               | 4        | 22       | 251-321  | Bearing - Castor                                   | 4        |
| 7        | 69-8860  | Arm - Castor R.H.<br>(Incl. Ref. #26-27)           | 1        | 23       | 92-2362  | Castor Wheel Assembly<br>(Incl. Ref. #21-22, & 27) | 2        |
| 8        | 32151-48 | Ring - Retaining                                   | 4        | 24       | 69-6270  | Fork - Castor                                      | 2        |
| 9        | 283-70   | Pin - Hitch (Incl. Ref. #11)                       | 2        | 25       | 69-6860  | Washer - Castor                                    | 8        |
| 10       | 75-9790  | Arm - Pivot                                        | 2        | 26       | 69-6470  | Bushing - Flange                                   | 4        |
| 11       | 3290-343 | Pin - Cotter Hair                                  | 2        | 27       | 302-5    | Fitting - Grease                                   | 6        |
| 12       | 92-1654  | Castor Wheel Assembly<br>(Incl. Ref. #13-14, & 27) | 2        | 29       | 69-9260  | Pin - Clevis                                       | 2        |
| 13       | 251-332  | Spacer Bearing                                     | 2        | 30       | 69-0880  | Decal - Torque                                     | 1        |
| 14       | 251-321  | Bearing - Castor                                   | 4        | 31       | 13-5069  | Arm - Castor L.H.<br>(Incl. Ref. #26-27, & 30)     | 1        |
| 15       | 327-24   | Screw Cap Hex. Hd.                                 | 2        | 32       | 30-8770  | Washer - Flat                                      | 4        |
| 16       | 3296-53  | Nut - Lock                                         | 4        |          |          |                                                    |          |



T-0361D

## CENTER DECK MODEL NO. 30592

| Ref. No. | Part No.  | Description                                     | No. Used | Ref. No. | Part No. | Description                                               | No. Used |
|----------|-----------|-------------------------------------------------|----------|----------|----------|-----------------------------------------------------------|----------|
| 1        | 76-2760   | Hydraulic Hose Assembly                         | 1        | 26       | 69-6970  | Spacer - Idler                                            | 1        |
| 2        | 76-2750   | Hydraulic Hose Assembly                         | 1        | 27       | 32105-1  | Screw - Machine                                           | 8        |
| 3        | 237-58    | Seal - O-Ring                                   | 2        | 28       | 256-117  | Bushing - Flange                                          | 4        |
| 4        | 340-142   | Fitting - Hydraulic Elbow<br>(Incl. Ref #3 & 5) | 2        | 29       | 3269-25  | Rivet - Pop                                               | 8        |
| 5        | 237-81    | Seal - O-Ring                                   | 2        | 30       | 69-6780  | Cover - Center Left                                       | 1        |
| 6        | 76-2770   | Hydraulic Hose Assembly                         | 1        | 31       | 69-6870  | Plate - Magnet                                            | 4        |
| 7        | 237-22    | Seal - O-Ring                                   | 1        | 32       | 69-6260  | Magnet - Cover                                            | 4        |
| 8        | 69-4320   | Fitting - Hydraulic 90°<br>(Incl. Ref. #7 & 9)  | 1        | 33       | 302-5    | Fitting - Grease                                          | 4        |
| 9        | 237-42    | Seal O-Ring                                     | 1        | 34       | 3296-2   | Nut - Lock                                                | 8        |
| 10       | 32128-21  | Nut - Flange Lock                               | 6        | 35       | 32128-23 | Nut - Flange Lock                                         | 4        |
| 11       | 93-4363   | Motor - Hydraulic                               | 1        | 36       | 76-1670  | Spring - Extension                                        | 1        |
| 12       | 3231-28   | Bolt - Carriage                                 | 2        | 37       | 3217-9   | Nut - Jam                                                 | 2        |
| 13       | 19-1470   | Bolt - Shoulder                                 | 4        | 38       | 69-6550  | Arm - Tension                                             | 1        |
| 14       | 69-6960   | Spacer - Idler                                  | 4        | 39       | 82-2560  | Decal - Belt Routing                                      | 1        |
| 15       | 63-1540   | Pulley - Idler                                  | 3        | 40       | 43-8480  | Decal - Danger                                            | 1        |
| 16       | 325-7     | Screw - Cap Hex. Hd.                            | 1        | 41       | 13-4969  | Deck - Center<br>(Incl. Ref. #20, 28, 33, 39,<br>40 & 57) | 1        |
| 17       | 69-9290   | Pad - Bumper                                    | 2        | 42       | 3233-27  | Bolt - Carriage                                           | 1        |
| 18       | 32108-103 | Screw - Flat Hd.                                | 4        | 43       | 69-6490  | Plate - Tension                                           | 1        |
| 19       | 32128-20  | Nut - Lock                                      | 4        | 44       | 77-2830  | Rod - Spring                                              | 1        |
| 20       | 302-2     | Fitting - Grease                                | 1        | 45       | 3272-7   | Pin - Cotter                                              | 1        |
| 21       | 32120-72  | Ring - Retaining                                | 1        | 47       | 69-6890  | Spacer - Spring                                           | 1        |
| 22       | 256-188   | Bushing - Sleeve                                | 1        | 48       | 86-7480  | Spring - Compression                                      | 1        |
| 23       | 69-6610   | Arm - Idler (Incl. Ref. #22)                    | 1        | 49       |          | Screw - Set                                               | 2        |
| 24       | 325-8     | Screw - Cap Hex. Hd.                            | 1        | 50       | 23-1640  | Bushing - Taper Lock<br>(Incl. Ref. #49)                  | 1        |
| 25       | 69-5430   | Pulley - Idler                                  | 1        |          |          |                                                           |          |



T-0361D

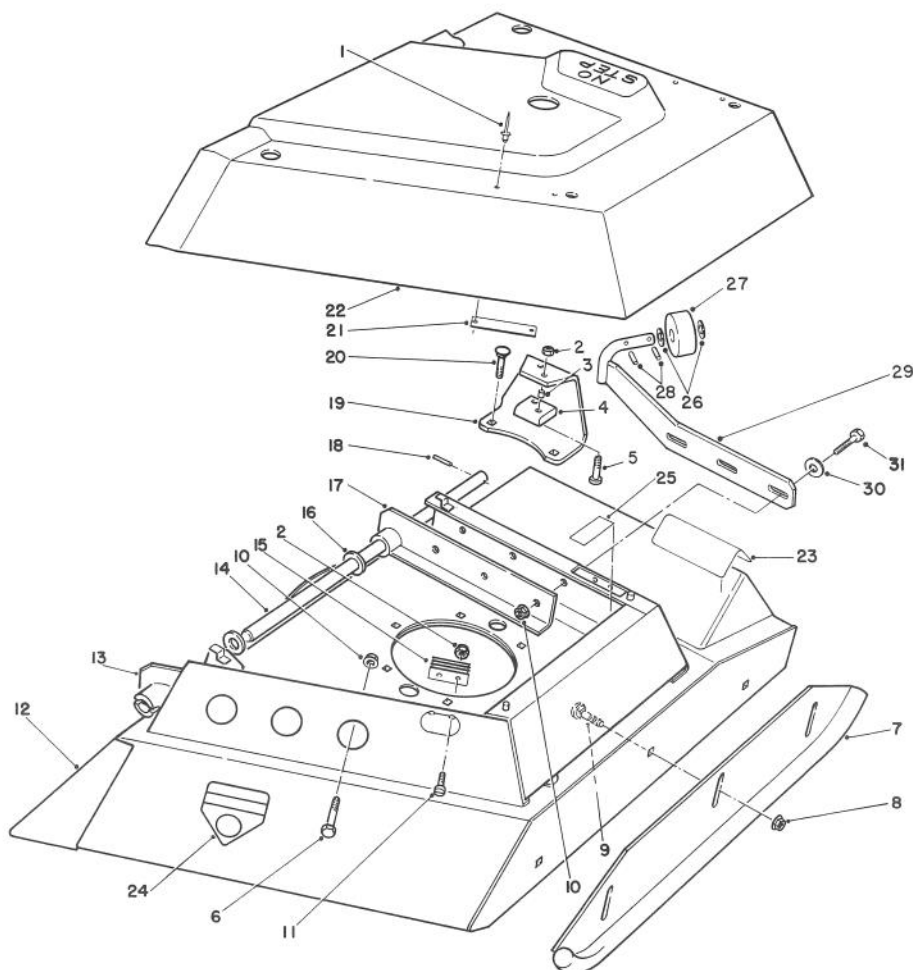
## CENTER DECK MODEL NO. 30592 (Continued)

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 51       | 63-0660  | Pulley - Drive          | 1        |
| 52       | 69-6390  | Plate - Gearbox         | 1        |
| 53       | 3234-12  | Screw - Hex. Flange Hd. | 4        |
| 54       | 69-6790  | Cover - Center Right    | 1        |
| 56       | 71-4260  | Decal - H.O.C.          | 1        |
| 57       | 69-0820  | Decal - H.O.C.          | 1        |

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 58       | 3-6498   | Washer - Flat          | 1        |
| 59       | 3233-30  | Bolt - Carriage        | 1        |
| 60       | 66-1340  | Decal - Danger         | 1        |
| *        | 93-8457  | Hex.-Belt - Deck Drive | 1        |
| *        | 3290-378 | Tie - Cable            | 2        |

\*Not Illustrated



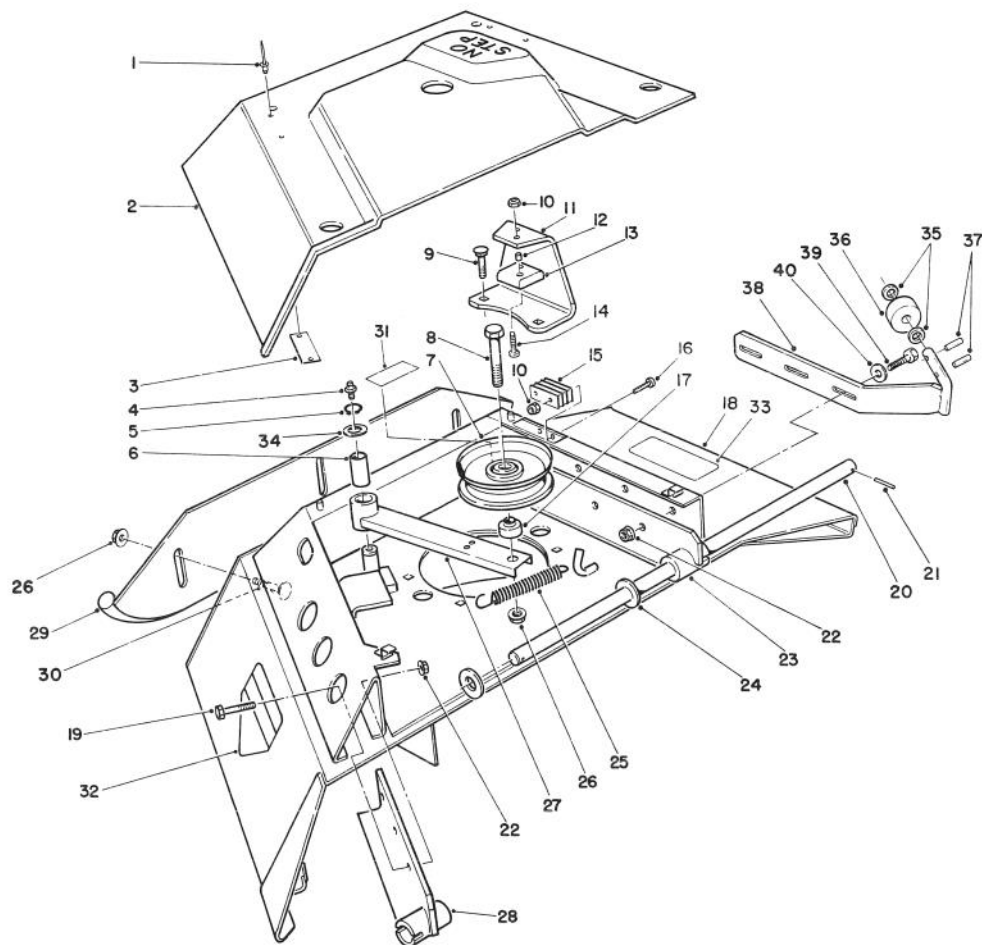


T-0366A

## CENTER DECK MODEL NO. 30592 LEFT WING ASSEMBLY

| Ref. No. | Part No. | Description                             | No. Used | Ref. No. | Part No. | Description          | No. Used |
|----------|----------|-----------------------------------------|----------|----------|----------|----------------------|----------|
| 1        | 3269-25  | Rivet - Pop                             | 4        | 17       | 69-6670  | Hinge - Left Rear    | 1        |
| 2        | 3296-2   | Nut - Lock                              | 6        | 18       | 32121-6  | Pin - Roll           | 2        |
| 3        | 40-9520  | Spacer - Split                          | 2        | 19       | 69-6910  | Bracket - Support    | 1        |
| 4        | 40-0330  | Cushion - Rubber                        | 1        | 20       | 3231-25  | Bolt - Carriage      | 2        |
| 5        | 3250-27  | Screw - Truss Hd.                       | 2        | 21       | 69-6870  | Plate - Magnet       | 2        |
| 6        | 323-6    | Screw - Cap Hex. Hd.                    | 3        | 22       | 69-6850  | Cover - Left Wing    | 1        |
| 7        | 69-6730  | Skid                                    | 1        | 23       | 66-1340  | Decal - Danger       | 1        |
| 8        | 32128-23 | Nut - Flange Lock                       | 3        | 24       | 43-8480  | Decal - Danger       | 1        |
| 9        | 3233-9   | Bolt - Carriage                         | 3        | 25       | 67-5360  | Decal - Danger       | 1        |
| 10       | 32128-21 | Nut - Flange Lock                       | 6        | 26       | 3256-69  | Washer               | 2        |
| 11       | 32105-1  | Screw - Machine                         | 4        | 27       | 82-4910  | Roller               | 1        |
| 12       | 13-4989  | Deck - Left Wing<br>(Incl. Ref. #23-25) | 1        | 28       | 32121-4  | Pin - Roll           | 2        |
| 13       | 69-6640  | Hinge - Left Front                      | 1        | 29       | 88-9270  | Bracket - Roller LH  | 1        |
| 14       | 69-6900  | Shaft - Hinge                           | 1        | 30       | 5-0838   | Washer - Flat        | 3        |
| 15       | 69-6260  | Magnet - Cover                          | 2        | 31       | 323-7    | Screw - Cap Hex. Hd. | 3        |
| 16       | 256-305  | Washer - Thrust                         | 2        | *        | 76-2060  | V-Belt               | 1        |
|          |          |                                         |          | *        | 42-6200  | Shim - Cushion       | A/R      |

\*Not Illustrated

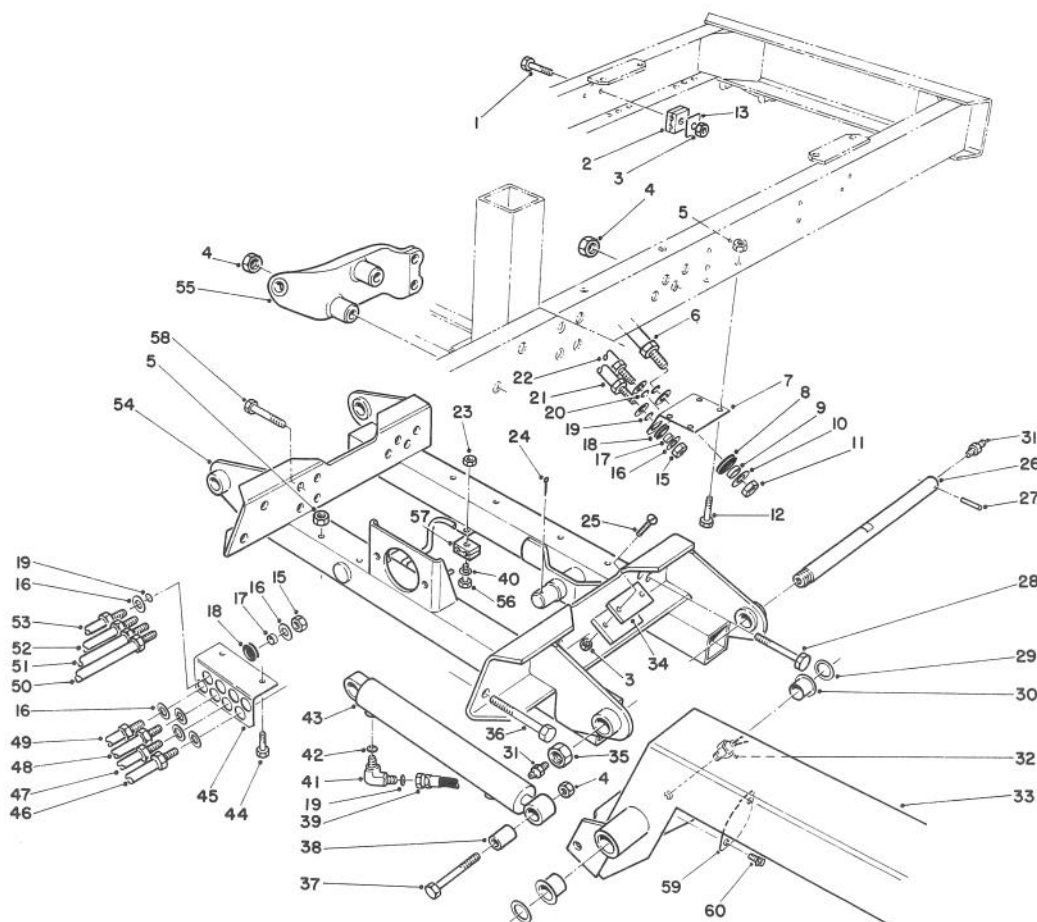


T-0365

## CENTER DECK MODEL NO. 30592 RIGHT WING ASSY.

| Ref. No. | Part No. | Description                                       | No. Used | Ref. No. | Part No. | Description                        | No. Used |
|----------|----------|---------------------------------------------------|----------|----------|----------|------------------------------------|----------|
| 1        | 3269-25  | Rivet - Pop                                       | 4        | 22       | 32128-21 | Nut - Flange Lock                  | 6        |
| 2        | 69-6840  | Cover - Right Wing                                | 1        | 23       | 69-6710  | Hinge - Right Rear                 | 1        |
| 3        | 69-6870  | Plate - Magnet                                    | 2        | 24       | 256-305  | Washer - Thrust                    | 2        |
| 4        | 302-2    | Fitting - Grease                                  | 1        | 25       | 76-1670  | Spring - Extension                 | 1        |
| 5        | 32120-72 | Ring - Retaining                                  | 1        | 26       | 32128-23 | Nut - Flange Lock                  | 4        |
| 6        | 256-188  | Bushing - Sleeve                                  | 1        | 27       | 69-6610  | Idler Arm Assembly (Incl. Ref. #6) | 1        |
| 7        | 69-5430  | Pulley - Idler                                    | 1        | 28       | 69-6690  | Hinge - Right Front                | 1        |
| 8        | 325-8    | Screw - Cap Hex. Hd.                              | 1        | 29       | 69-6730  | Skid                               | 1        |
| 9        | 3231-25  | Bolt - Carriage                                   | 2        | 30       | 3233-9   | Bolt - Carriage                    | 3        |
| 10       | 3296-2   | Nut - Lock                                        | 6        | 31       | 67-5360  | Decal - Danger                     | 1        |
| 11       | 69-6910  | Bracket - Support                                 | 1        | 32       | 43-8480  | Decal - Danger                     | 1        |
| 12       | 40-9520  | Spacer - Split                                    | 2        | 33       | 66-1340  | Decal - Danger                     | 1        |
| 13       | 40-0330  | Cushion - Rubber                                  | 1        | 34       | 3-6498   | Washer                             | 1        |
| 14       | 3250-27  | Screw - Truss Hd.                                 | 2        | 35       | 3256-69  | Washer                             | 2        |
| 15       | 69-6260  | Magnet - Cover                                    | 2        | 36       | 82-4910  | Roller                             | 1        |
| 16       | 32105-1  | Screw - Machine                                   | 4        | 37       | 32121-4  | Pin - Roll                         | 2        |
| 17       | 69-6970  | Spacer - Idler                                    | 1        | 38       | 88-9260  | Bracket - Roller RH                | 1        |
| 18       | 13-4979  | Right Wing Deck Assembly (Incl. Ref. #4, 32 & 33) | 1        | 39       | 323-7    | Screw - Cap Hex. Hd.               | 3        |
| 19       | 323-6    | Screw - Cap Hex. Hd.                              | 3        | 40       | 5-0838   | Washer - Flat                      | 3        |
| 20       | 69-6900  | Shaft - Hinge                                     | 1        | *        | 76-2060  | V-Belt                             | 1        |
| 21       | 32121-6  | Pin - Roll                                        | 2        | *        | 42-6200  | Shim - Cushion                     | A/R      |

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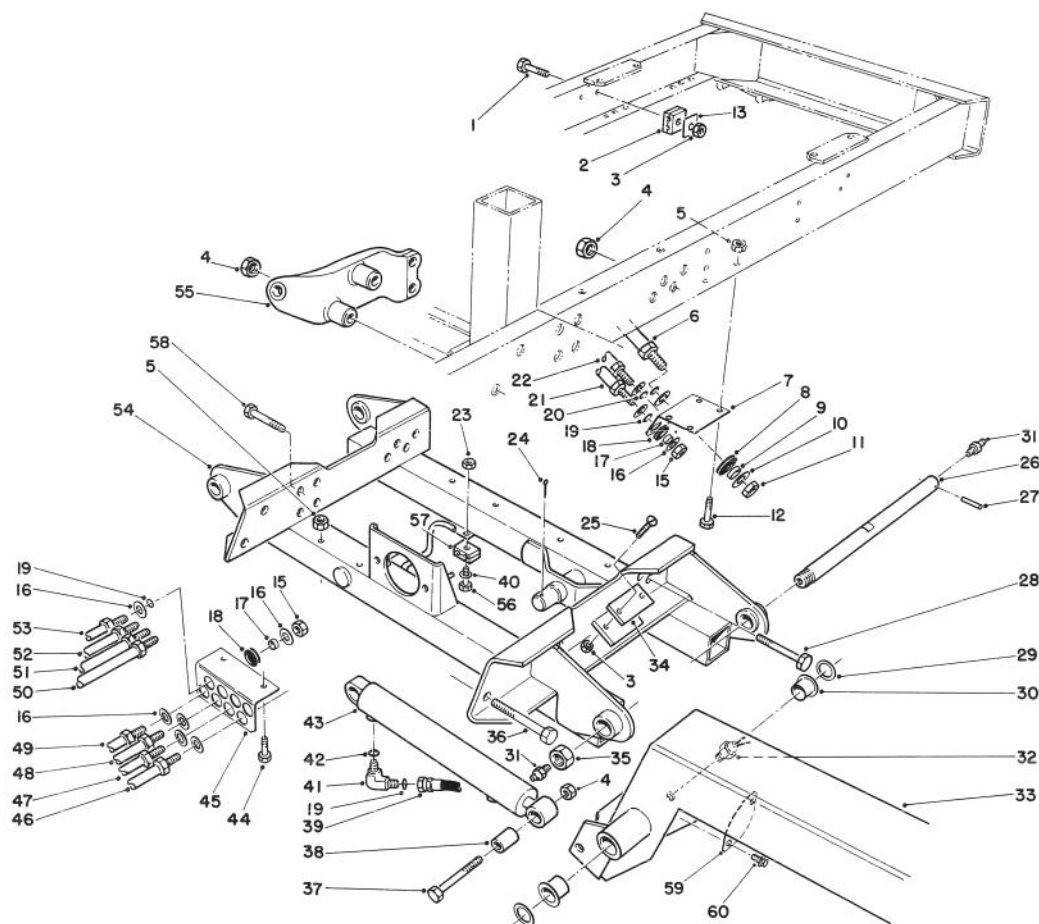


T-0348A

## WING DECK LIFT ASSEMBLY

| Ref. No. | Part No. | Description                               | No. Used | Ref. No. | Part No.  | Description                                        | No. Used |
|----------|----------|-------------------------------------------|----------|----------|-----------|----------------------------------------------------|----------|
| 1        | 322-11   | Screw - Cap Hex. Hd.                      | 1        | 22       | 69-6180   | Tube - Hydraulic L.H.<br>(Incl. Ref. #20)          | 1        |
| 2        | 56-7974  | Clamp Half - Hydraulic Line               | 2        | *        | 69-6150   | Tube - Hydraulic R.H.<br>(Incl. Ref. #20)          | 1        |
| 3        | 32152-1  | Nut - Lock                                | 5        | 23       | 32152-4   | Nut Lock                                           | 3        |
| 4        | 32153-6  | Nut - Lock                                | 22       | 24       | 3272-33   | Pin - Cotter                                       | 2        |
| 5        | 32152-2  | Nut - Lock                                | 6        | 25       | 32108-103 | Screw - Machine Flat Hd.                           | 4        |
| 6        | 69-6170  | Tube - Hydraulic L.H.<br>(Incl. Ref. #20) | 1        | 26       | 71-2580   | Shaft - Lift Arm Pivot                             | 2        |
| *        | 69-6140  | Tube - Hydraulic R.H.<br>(Incl. Ref. #20) | 1        | 27       | 32121-110 | Pin - Roll                                         | 2        |
| 7        | 69-9450  | Bracket - Wing Hose L.H.                  | 1        | 28       | 328-26    | Screw - Cap Hex. Hd.                               | 12       |
| *        | 69-9460  | Bracket - Wing Hose R.H.                  | 1        | 29       | 256-304   | Washer - Thrust                                    | 4        |
| 8        | 240-3    | Grommet                                   | 4        | 30       | 69-6470   | Bushing - Flange                                   | 4        |
| 9        | 69-9000  | Spacer                                    | 4        | 31       | 302-2     | Fitting - Grease                                   | 4        |
| 10       | 69-9010  | Washer                                    | 8        | 32       | 72-4310   | Switch - Lift                                      | 2        |
| 11       | 340-74   | Nut - Bulkhead                            | 4        | 33       | 92-8664   | Lift Arm Assembly L.H.<br>(Incl. Ref. #30-31)      | 1        |
| 12       | 323-6    | Screw - Cap Hex. Hd.                      | 4        | *        | 92-8665   | Lift Arm Assembly R.H.<br>(Incl. Ref. #30-31)      | 1        |
| 13       | 69-9761  | Plate - Cover                             | 1        | 34       | 69-9300   | Cushion - Rubber                                   | 2        |
| 15       | 340-70   | Nut - Bulkhead                            | 10       | 35       | 3296-68   | Nut Lock                                           | 2        |
| 16       | 69-8940  | Washer                                    | 20       | 36       | 328-8     | Screw - Cap Hex. Hd.                               | 4        |
| 17       | 69-8970  | Spacer                                    | 10       | 37       | 328-10    | Screw - Cap Hex. Hd.                               | 2        |
| 18       | 240-4    | Grommet                                   | 10       | 38       | 69-9190   | Bushing - Cylinder                                 | 2        |
| 19       | 237-22   | Seal - O-Ring                             | 14       | 39       | 69-5490   | Hose - Cylinder                                    | 4        |
| 20       | 237-65   | Seal - O-Ring                             | 4        | 40       | 3256-56   | Washer - Flat                                      | 3        |
| 21       | 69-5980  | Tube - Hydraulic L.H.<br>(Incl. Ref. #19) | 1        | 41       | 340-77    | Fitting - Hydraulic Elbow<br>(Incl. Ref. #19 & 42) | 4        |
| *        | 69-5970  | Tube - Hydraulic R.H.<br>(Incl. Ref. #19) | 1        |          |           |                                                    |          |

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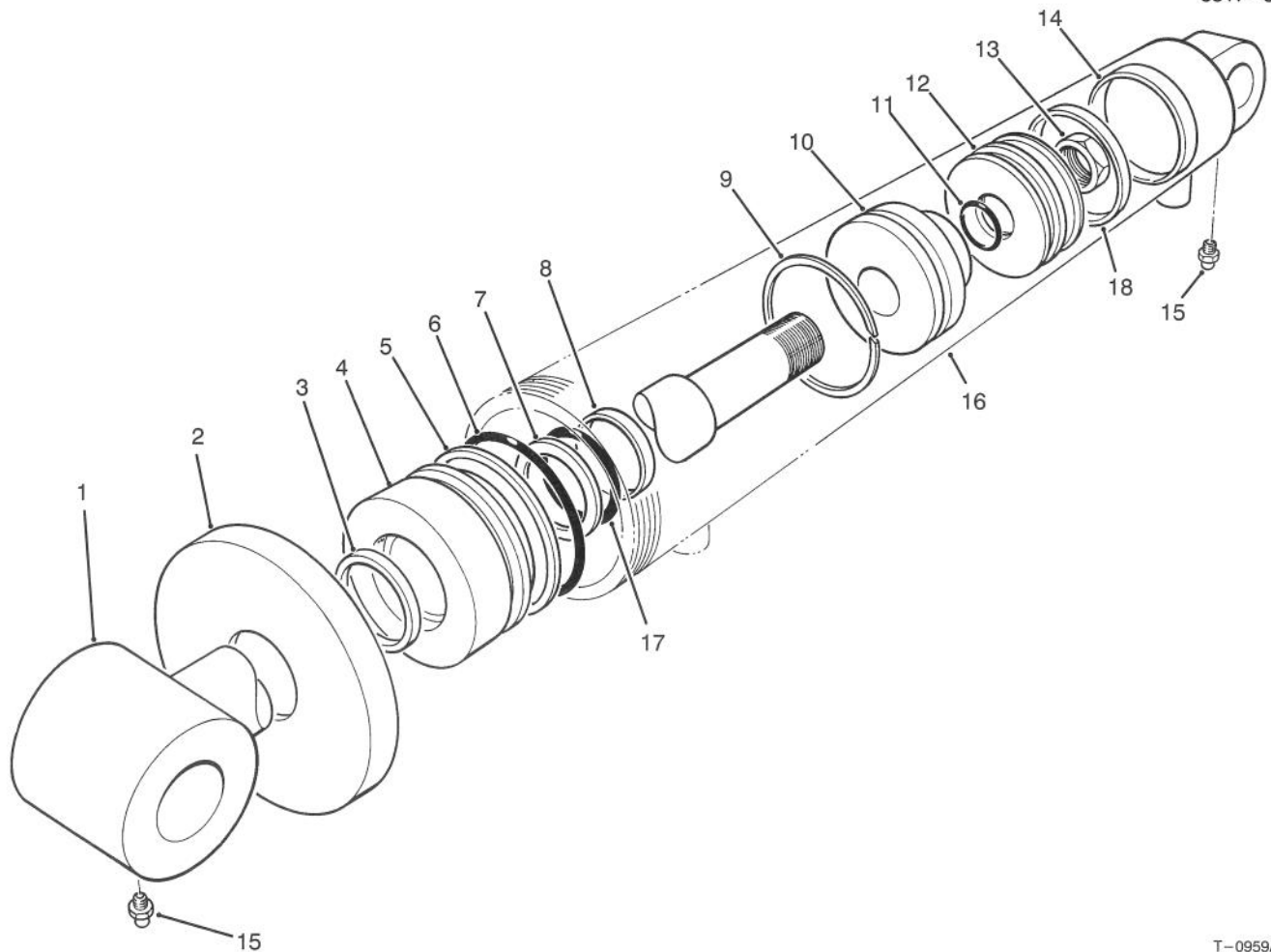


T-0348A

## WING DECK LIFT ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                          | No. Used | Ref. No. | Part No. | Description                          | No. Used |
|----------|----------|--------------------------------------|----------|----------|----------|--------------------------------------|----------|
| 42       | 237-42   | Seal - O-Ring                        | 4        | 51       | 69-6050  | Tube - Hydraulic<br>(Incl. Ref. #19) | 1        |
| 43       | 74-2170  | Cylinder - Lift                      | 2        | 52       | 69-6080  | Tube - Hydraulic<br>(Incl. Ref. #19) | 1        |
| 44       | 323-15   | Screw - Cap Hex. Hd.                 | 2        | 53       | 69-5990  | Tube - Hydraulic<br>(Incl. Ref. #19) | 1        |
| 45       | 74-2680  | Bracket - Bulkhead                   | 1        | 54       | 69-4400  | Carrier - Wing Deck                  | 1        |
| 46       | 69-6030  | Tube - Hydraulic<br>(Incl. Ref. #19) | 1        | 55       | 69-1580  | Anchor - Latch L.H.                  | 1        |
| 47       | 69-6060  | Tube - Hydraulic<br>(Incl. Ref. #19) | 1        | *        | 69-1600  | Anchor - Latch R.H.                  | 1        |
| 48       | 69-6070  | Tube - Hydraulic<br>(Incl. Ref. #19) | 1        | 56       | 321-9    | Screw - Cap Hex. Hd.                 | 3        |
| 49       | 69-6000  | Tube - Hydraulic<br>(Incl. Ref. #19) | 1        | 57       | 56-7973  | Clamp Half - Hydraulic Line          | 6        |
| 50       | 69-6040  | Tube - Hydraulic<br>(Incl. Ref. #19) | 1        | 58       | 328-24   | Screw - Cap Hex. Hd.                 | 4        |
|          |          |                                      |          | 59       | 39-7650  | Plate - Cover                        | 2        |
|          |          |                                      |          | 60       | 32144-11 | Screw - Thread Forming               | 4        |
|          |          |                                      |          | *        | 3290-378 | Tie - Cable                          | 3        |

\*Not Illustrated



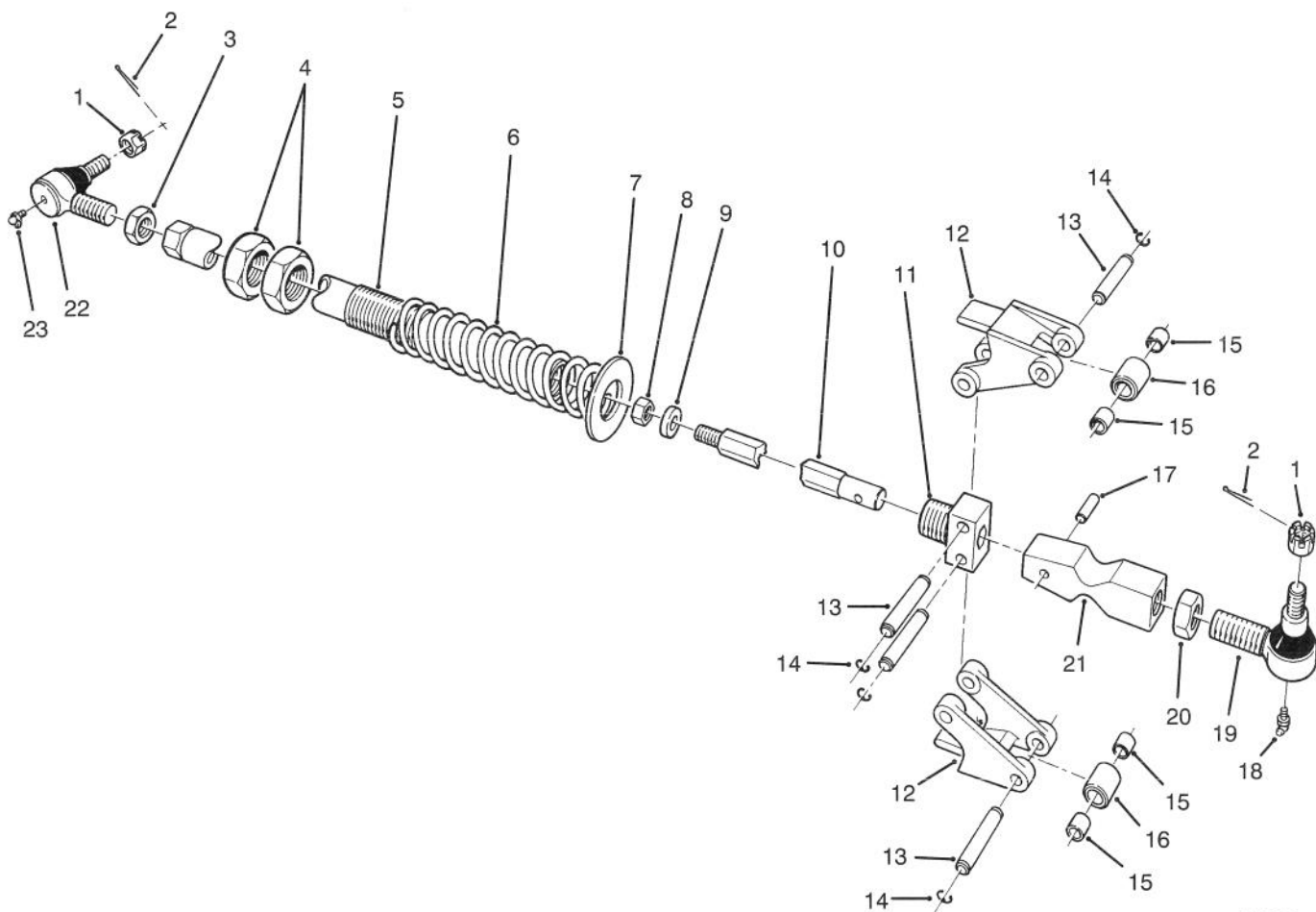
T-0959A

## HYDRAULIC CYLINDER ASSEMBLY NO. 74-2170

| Ref. No. | Part No. | Description    | No. Used | Ref. No. | Part No. | Description                                             | No. Used |
|----------|----------|----------------|----------|----------|----------|---------------------------------------------------------|----------|
| 1        | 74-2230  | Shaft/Clevis   | 1        | 12       | 74-2210  | Piston                                                  | 1        |
| 2        | 74-2220  | Collar         | 1        | 13       | 60-9760  | Nut - Lock                                              | 1        |
| †3       |          | Seal - Dust    | 1        | †14      |          | Ring - Wear                                             | 1        |
| 4        | 74-2200  | Head           | 1        | 15       | 302-5    | Fitting - Grease                                        | 2        |
| †5       |          | Ring - Back-Up | 1        | †16      |          | Barrel/Clevis                                           | 1        |
| †6       |          | Seal - O-Ring  | 1        | †17      |          | Seal - O-Ring                                           | 1        |
| †7       |          | Ring - Back-Up | 1        | 18       |          | Seal - Uni-Ring                                         | 1        |
| †8       |          | Ring - Wear    | 1        | *        | 86-7350  | Seal Repair Kit<br>(Incl. Ref. #3, 5-8, 11,<br>14 & 17) | 1        |
| 9        | 74-2180  | Ring - Steel   | 1        |          |          |                                                         |          |
| 10       | 74-2190  | Cushion        | 1        |          |          |                                                         |          |
| †11      |          | Uni-Ring       | 1        |          |          |                                                         |          |

\*Not Illustrated

†Not serviceable separately.

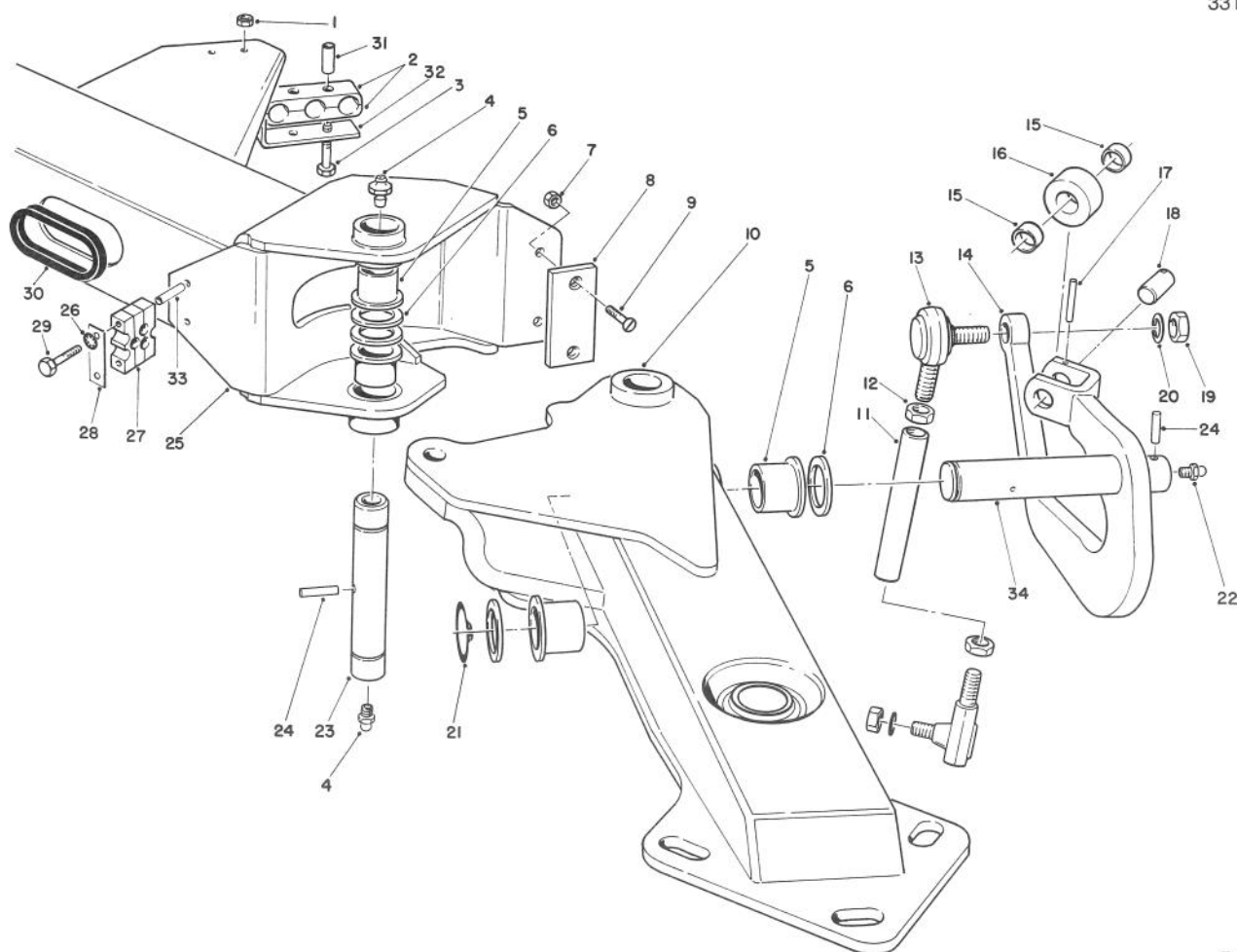


T-0369

## WING DECK LATCH ASSEMBLY

| Ref. No. | Part No. | Description           | No. Used |
|----------|----------|-----------------------|----------|
| 1        | 32136-2  | Nut - Castle          | 4        |
| 2        | 3272-12  | Pin - Cotter          | 4        |
| 3        | 21-3001  | Nut - Jam L.H. Thread | 2        |
| 4        | 3220-22  | Nut - Jam             | 4        |
| 5        | 69-7210  | Tube - Latch          | 2        |
| 6        | 69-8480  | Spring - Compression  | 2        |
| 7        | 69-9100  | Washer - Latch        | 2        |
| 8        | 3296-41  | Nut - Lock            | 2        |
| 9        | 71-2550  | Washer - Latch Shaft  | 2        |
| 10       | 69-9680  | Shaft - Latch         | 2        |
| 11       | 92-4804  | Block - Latch Pivot   | 2        |
| 12       | 69-1630  | Arm - Latch Pivot     | 4        |
| 13       | 92-4806  | Pin - Latch           | 8        |

| Ref. No. | Part No. | Description                            | No. Used |
|----------|----------|----------------------------------------|----------|
| 14       | 32120-47 | Ring - Retaining                       | 16       |
| 15       | 256-172  | Bearing - Sleeve                       | 8        |
| 16       | 92-4094  | Roller - Latch                         | 4        |
| 17       | 32121-49 | Pin - Roll                             | 2        |
| 18       | 302-5    | Fitting - Grease                       | 2        |
| 19       | 86-8100  | Joint - Ball<br>((Incl. Ref. #1 & 18)) | 2        |
| 20       | 21-3000  | Nut - Jam                              | 2        |
| 21       | 92-4805  | Cam - Spring Trip                      | 2        |
| 22       | 86-8101  | Joint - Ball<br>(Incl. Ref. #1 & 23)   | 2        |
| 23       | 302-40   | Fitting - Grease                       | 2        |



T-0370B

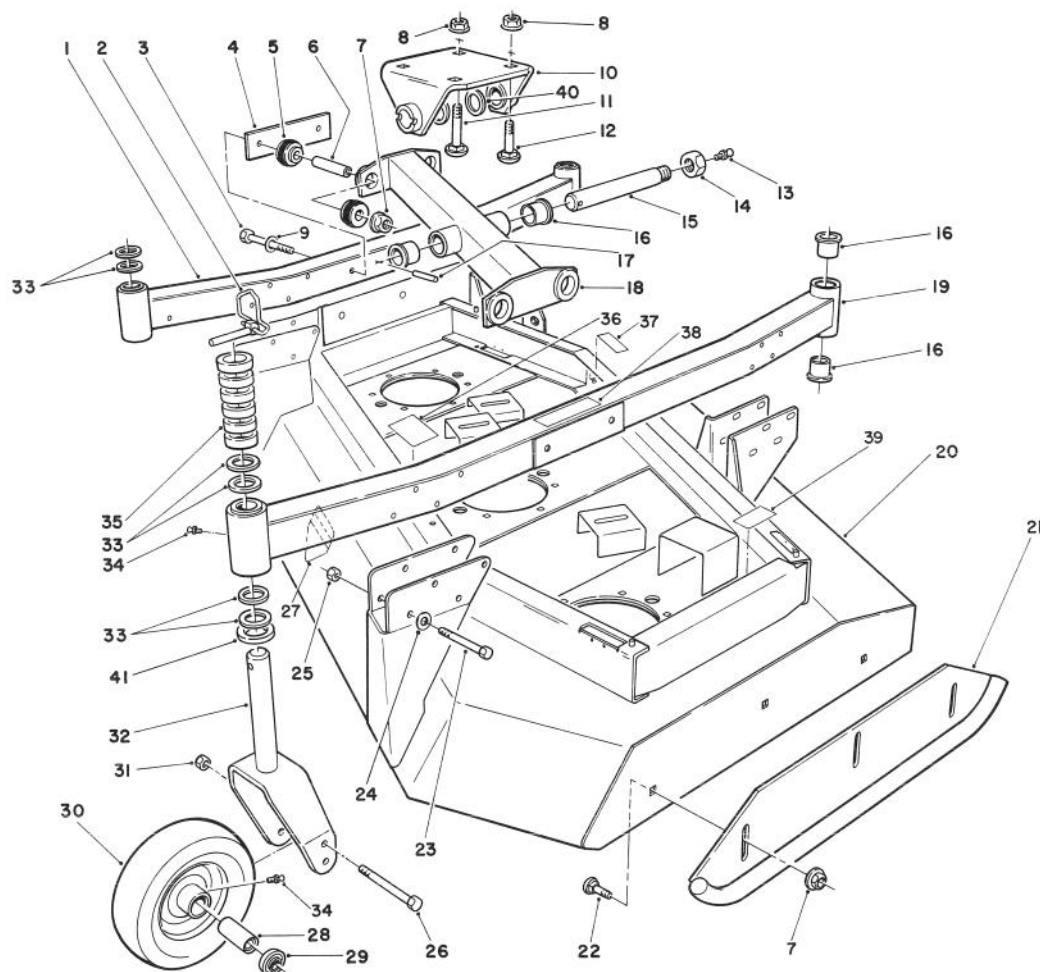
## WING DECK LIFT ARM ASSEMBLY

| Ref. No. | Part No.  | Description                              | No. Used |
|----------|-----------|------------------------------------------|----------|
| 1        | 32152-4   | Nut - Lock                               | 4        |
| 2        | 74-2710   | Clamp Half - Hydraulic Line              | 4        |
| 3        | 321-15    | Screw - Cap Hex. Hd.                     | 4        |
| 4        | 302-2     | Fitting - Grease                         | 4        |
| 5        | 69-6470   | Bushing - Flange                         | 8        |
| 6        | 256-304   | Washer - Thrust                          | 8        |
| 7        | 32152-1   | Nut - Lock                               | 4        |
| 8        | 69-9300   | Cushion - Rubber                         | 2        |
| 9        | 32108-103 | Screw - Machine Flat Hd.                 | 4        |
| 10       | 71-0180   | Arm - Outer Lift L.H.<br>(Incl. Ref. #5) | 1        |
| *        | 71-0170   | Arm - Outer Lift R.H.<br>(Incl. Ref. #5) | 1        |
| 11       | 71-2600   | Tube - Anti - Sway                       | 2        |
| 12       | 3220-7    | Nut - Jam                                | 4        |
| 13       | 2411-40   | Joint - Ball                             | 4        |
| 14       | 82-7930   | Arm - Anti-Sway L.H.                     | 1        |
| *        | 82-7940   | Arm - Anti-Sway R.H.                     | 1        |
| 15       | 256-76    | Bushing - Sleeve                         | 4        |
| 16       | 69-9240   | Roller - Cam                             | 2        |
| 17       | 32121-34  | Pin - Roll                               | 2        |

| Ref. No. | Part No.  | Description                               | No. Used |
|----------|-----------|-------------------------------------------|----------|
| 18       | 69-9250   | Shaft - Roller                            | 2        |
| 19       | 3219-7    | Nut - Lock                                | 4        |
| 20       | 3253-9    | Washer - Lock                             | 4        |
| 21       | 32151-10  | Ring - Retaining                          | 2        |
| 22       | 302-5     | Fitting - Grease                          | 2        |
| 23       | 71-2620   | Shaft - Lift Arm Elbow                    | 2        |
| 24       | 32121-110 | Pin Roll                                  | 4        |
| 25       | 92-8664   | Lift Arm Assembly L.H.<br>(Incl. Ref. #5) | 1        |
| *        | 92-8665   | Lift Arm Assembly R.H.<br>(Incl. Ref. #5) | 1        |
| 26       | 3254-2    | Washer                                    | 4        |
| 27       | 82-8170   | Clamp - Hose                              | 6        |
| 28       | 92-8663   | Plate - Clamp                             | 2        |
| 29       | 322-22    | Screw - Cap Hex. Hd.                      | 4        |
| 30       | 240-8     | Grommet                                   | 4        |
| 31       | 74-2730   | Tube - Clamp                              | 4        |
| 32       | 74-2750   | Retainer - Clamp                          | 2        |
| 33       | 92-8662   | Spacer                                    | 4        |
| 34       | 82-7900   | Shaft - Arm                               | 2        |

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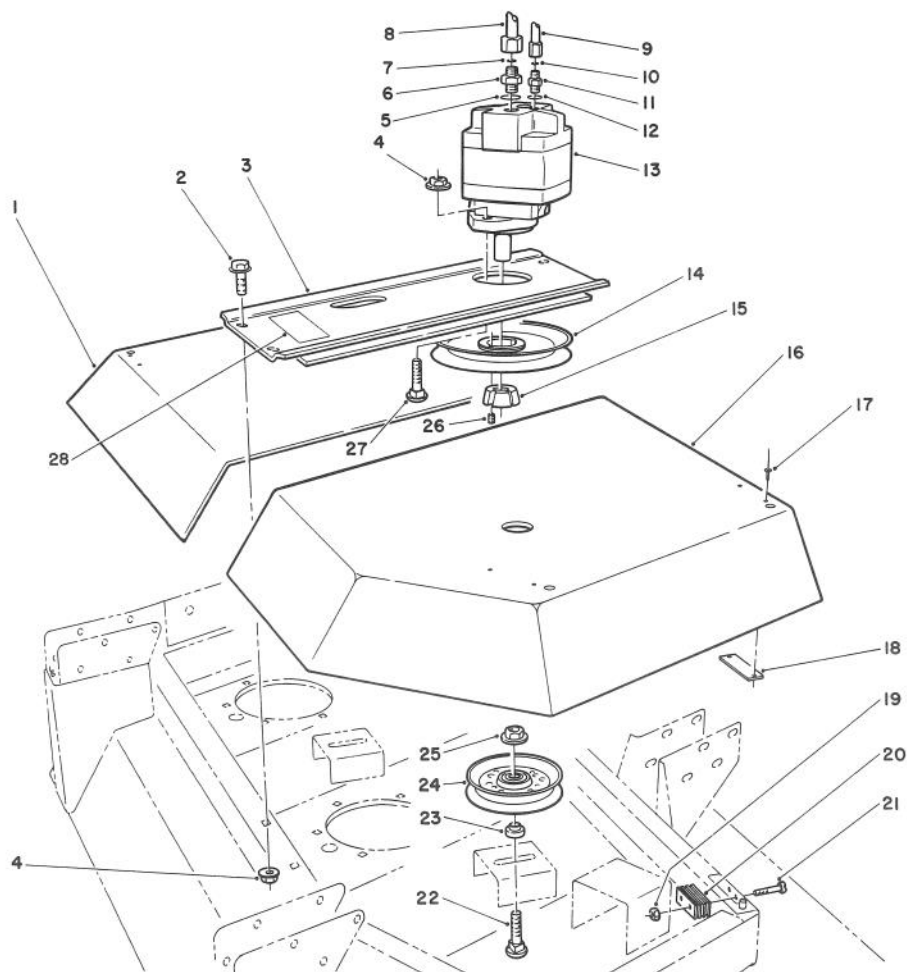
T-0335A

## WING DECK MODEL NO 30591 L.H. & 30593 R.H.

| Ref. No. | Part No.  | Description                                       | No. Used |
|----------|-----------|---------------------------------------------------|----------|
| 1        | 69-8830   | Arm - Inside Castor<br>(Incl. Ref. #16 & 34)      | 2        |
| 2        | 3290-384  | Pin - Lynch                                       | 8        |
| 3        | 325-20    | Screw - Cap Hex. Hd.                              | 8        |
| 4        | 69-8790   | Plate - Reinforcing                               | 2        |
| 5        | 69-9700   | Mount - Rubber<br>(Incl. Ref. #6)                 | 8        |
| 6        |           | Spacer                                            | 8        |
| 7        | 32128-23  | Nut - Flange Lock                                 | 20       |
| 8        | 32128-45  | Nut - Lock                                        | 8        |
| 9        | 30-8770   | Washer - Flat                                     | 8        |
| 10       | 69-7170   | Clevis - Deck                                     | 2        |
| 11       | 3233-29   | Bolt - Carriage                                   | 2        |
| 12       | 3233-28   | Bolt - Carriage                                   | 6        |
| 13       | 302-2     | Fitting - Grease                                  | 2        |
| 14       | 3296-68   | Nut - Lock                                        | 2        |
| 15       | 71-2610   | Shaft - Deck Pivot                                | 2        |
| 16       | 69-6470   | Bushing - Flange                                  | 20       |
| 17       | 32121-110 | Pin - Roll                                        | 2        |
| 18       | 69-6420   | Bar - Lift L.H.<br>(Incl. Ref. #16)               | 1        |
| *        | 69-6480   | Bar - Lift R.H.<br>(Incl. Ref. #16)               | 1        |
| 19       | 13-5059   | Arm - Outside Castor<br>(Incl. Ref. #16, 34 & 38) | 2        |

| Ref. No. | Part No. | Description                                        | No. Used |
|----------|----------|----------------------------------------------------|----------|
| 20       | 13-5009  | Deck - Wing L.H. (Incl. Ref. #27, 36, 37 & 39)     | 1        |
| *        | 13-4999  | Deck - Wing R.H. (Incl. Ref. #27, 36, 37 & 39)     | 1        |
| 21       | 69-6730  | Skid                                               | 4        |
| 22       | 3233-9   | Bolt - Carriage                                    | 12       |
| 23       | 323-15   | Screw - Cap Hex. Hd.                               | 32       |
| 24       | 5-0838   | Washer - Flat                                      | 32       |
| 25       | 32128-43 | Nut - Lock                                         | 32       |
| 26       | 327-17   | Screw Cap Hex. Hd.                                 | 8        |
| 27       | 43-8480  | Decal - Danger                                     | 2        |
| 28       | 251-332  | Spacer - Bearing                                   | 8        |
| 29       | 251-321  | Bearing - Castor                                   | 16       |
| 30       | 92-1654  | Castor Wheel Assembly<br>(Incl. Ref. #28, 29 & 34) | 8        |
| 31       | 3296-53  | Nut - Lock                                         | 8        |
| 32       | 75-9670  | Fork - Castor                                      | 8        |
| 33       | 69-6860  | Washer - Thrust                                    | 28       |
| 34       | 302-5    | Fitting - Grease                                   | 16       |
| 35       | 69-1510  | Spacer - Castor                                    | 48       |
| 36       | 69-0890  | Decal - Belt Routing L.H.                          | 1        |
| *        | 69-0900  | Decal - Belt Routing R.H.                          | 1        |
| 37       | 66-1340  | Decal - Danger                                     | 2        |
| 38       | 69-0880  | Decal - Torque                                     | 2        |
| 39       | 67-5360  | Decal - Danger                                     | 4        |
| 40       | 256-304  | Washer - Thrust                                    | 4        |
| 41       | 77-0950  | Washer - Castor                                    | 8        |

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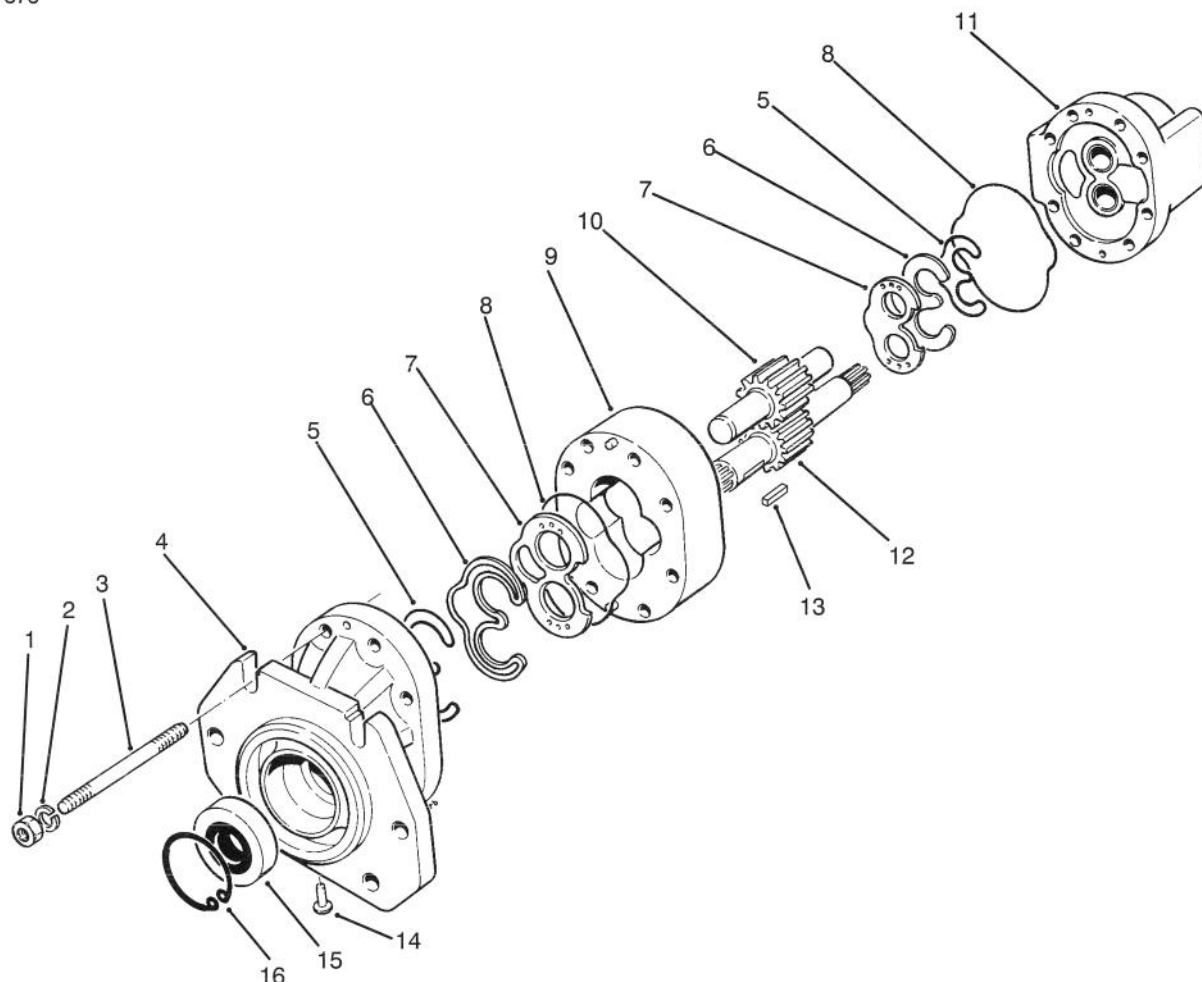


T-0336

## WING DECK MODEL NO. 30591 L.H. & 30593 R.H. DRIVE ASSEMBLY

| Ref. No. | Part No. | Description                                         | No. Used | Ref. No. | Part No. | Description                           | No. Used |
|----------|----------|-----------------------------------------------------|----------|----------|----------|---------------------------------------|----------|
| 1        | 69-6800  | Cover - Inner L.H.                                  | 1        | 15       | 23-1640  | Bushing - Taper Lock (Incl. Ref. #26) | 2        |
| *        | 69-6820  | Cover - Inner R.H.                                  | 1        | 16       | 69-6810  | Cover - Outer L.H.                    | 1        |
| 2        | 3234-12  | Screw - Hex. Washer Hd.                             | 8        | *        | 69-6830  | Cover - Outer R.H.                    | 1        |
| 3        | 69-6360  | Plate - Motor Mounting L.H.                         | 1        | 17       | 3269-25  | Rivet - Pop                           | 16       |
| *        | 69-6340  | Plate - Motor Mounting R.H.                         | 1        | 18       | 69-6870  | Plate - Magnet                        | 8        |
| 4        | 32128-21 | Nut - Flange Lock                                   | 12       | 19       | 3296-2   | Nut - Lock                            | 16       |
| 5        | 237-81   | Seal - O-Ring                                       | 4        | 20       | 69-6260  | Magnet - Cover                        | 8        |
| 6        | 340-8    | Fitting - Hydraulic Straight (Incl. Ref. #5 & 7)    | 4        | 21       | 32105-1  | Screw - Pan Hd.                       | 16       |
| 7        | 237-65   | Seal - O-Ring                                       | 4        | 22       | 3233-30  | Bolt - Carriage                       | 6        |
| 8        | 88-9360  | Hose - Hydraulic                                    | 4        | 23       | 69-6960  | Spacer - Idler                        | 6        |
| 9        | 88-9370  | Hose - Hydraulic                                    | 2        | 24       | 63-1540  | Pulley - Idler                        | 6        |
| 10       | 237-22   | Seal - O-Ring                                       | 2        | 25       | 32128-23 | Nut - Flange Lock                     | 6        |
| 11       | 340-2    | Fitting - Hydraulic Straight (Incl. Ref. # 10 & 12) | 2        | 26       | 3231-28  | Screw - Set                           | 4        |
| 12       | 237-42   | Seal - O-Ring                                       | 2        | 27       | 71-4260  | Bolt - Carriage                       | 4        |
| 13       | 93-4363  | Motor - Hydraulic                                   | 2        | 28       | 76-2060  | Decal - H.O.C.                        | 2        |
| 14       | 63-0660  | Pulley - Wing Deck Drive                            | 2        | *        | 76-2060  | V-Belt                                | 6        |
|          |          |                                                     |          | *        | 3290-378 | Tie - Cable                           | 24       |

\*Not Illustrated

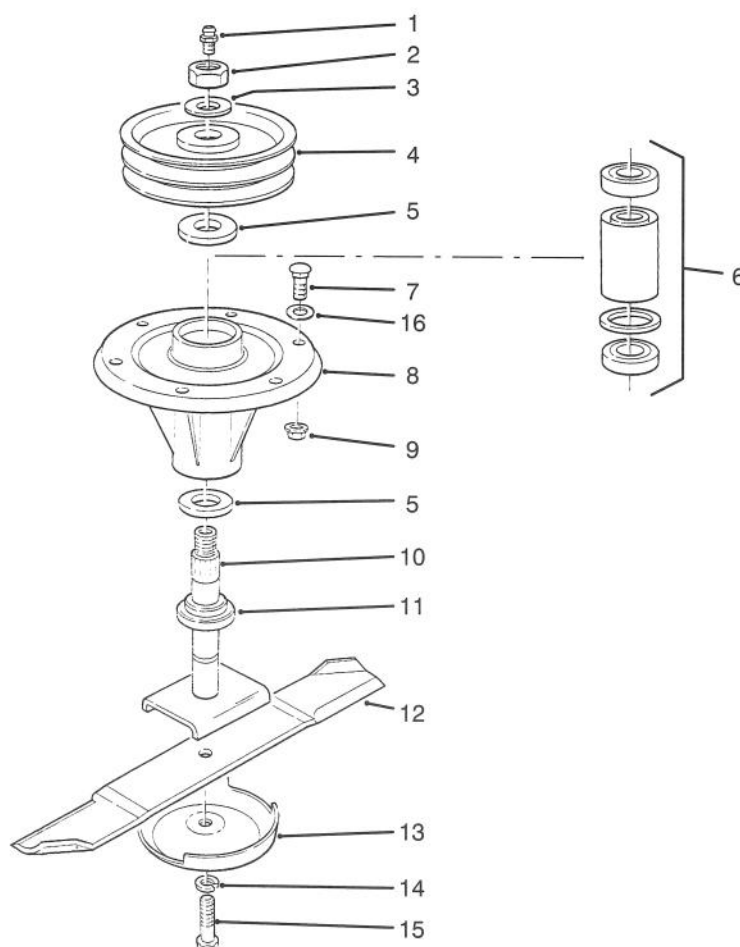


T-1972A

## HYDRAULIC MOTOR ASSEMBLY NO. 93-4363

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 1        | 59-7580  | Nut              | 8        |
| 2        | 59-7590  | Washer - Lock    | 8        |
| 3        | 59-7970  | Stud             | 8        |
| 4        | 93-7634  | Cover - Front    | 1        |
| 5        |          | Seal - Gland     | 2        |
| 6        |          | Retainer - Seal  | 2        |
| 7        | 69-2070  | Plate - Flex     | 2        |
| 8        |          | O-Ring, Square   | 2        |
| 9        | 93-7640  | Section - Center | 1        |

| Ref. No. | Part No. | Description                                  | No. Used |
|----------|----------|----------------------------------------------|----------|
| 10       | 93-7642  | Gear - Driven                                | 1        |
| 11       | 93-7639  | Cover - Rear                                 | 1        |
| 12       | 93-7641  | Gear - Drive                                 | 1        |
| 13       | 93-7637  | Key - Square                                 | 1        |
| 14       | 69-2130  | Plug                                         | 1        |
| 15       |          | Seal - Shaft                                 | 1        |
| 16       |          | Ring - Retaining                             | 1        |
| *        | 93-8493  | Kit - Seal<br>(Incl. Ref. #5, 6, 8, 15 & 16) | 1        |

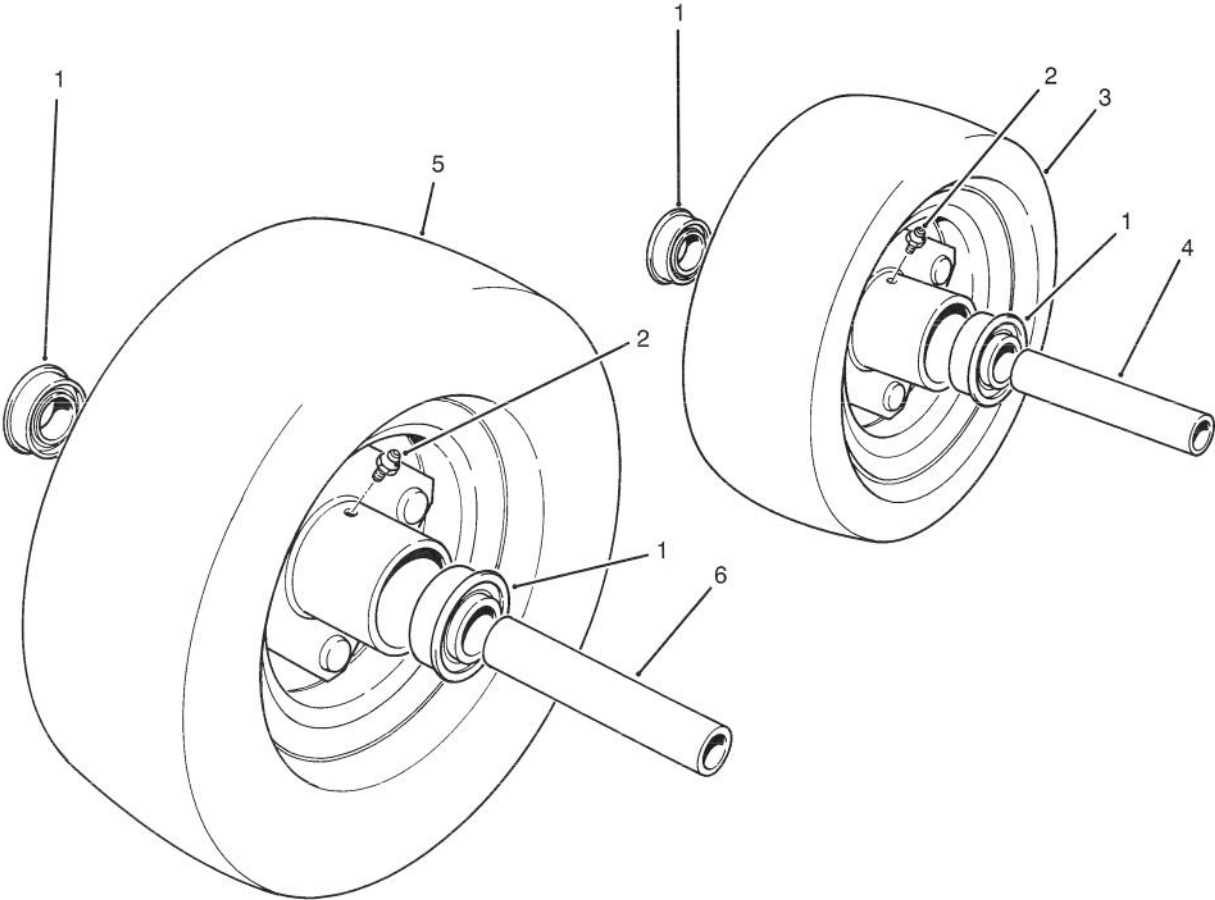


T-0337

## SPINDLE ASSEMBLY

| Ref. No. | Part No. | Description                                                                  | No. Used | Ref. No. | Part No. | Description       | No. Used |
|----------|----------|------------------------------------------------------------------------------|----------|----------|----------|-------------------|----------|
| 1        | 302-2    | Fitting - Grease Str.                                                        | 1        | 8        | 69-1530  | Housing - Spindle | 1        |
| *        | 302-10   | Fitting - Grease 45°<br>(Used only on wing deck<br>center & inside spindles) | 1        | 9        | 32128-21 | Nut - Flange Lock | 6        |
| 2        | 3296-49  | Nut - Lock                                                                   | 1        | 10       | 69-6760  | Shaft - Spindle   | 1        |
| 3        | 3-8514   | Washer                                                                       | 1        | 11       | 92-9800  | Spacer - Spindle  | 1        |
| 4        | 69-8390  | Pulley - Spindle                                                             | 1        | 12       | 69-6920  | Blade - 20"       | 1        |
| 5        | 253-154  | Seal - Wave                                                                  | 2        | 13       | 67-7561  | Cup - Anti Scalp  | 1        |
| 6        | 71-2530  | Bearing Assembly                                                             | 1        | 14       | 3253-8   | Washer - Lock     | 1        |
| 7        | 3231-22  | Bolt - Carriage                                                              | 6        | 15       | 51-4060  | Bolt - Blade      | 1        |
|          |          |                                                                              |          | 16       | 3256-24  | Washer - Flat     | A/R      |

\*Not Illustrated



T-0992

10" & 13" SEGMENTED TIRE ASSEMBLIES (Optional)

| Ref. No. | Part No. | Description                                     | No. Used |
|----------|----------|-------------------------------------------------|----------|
| 1        | 251-321  | Bearing - Ball                                  | 2        |
| 2        | 302-5    | Fitting - Grease                                | 1        |
| 3        | 76-1880  | 10" Segmented Tire Assy. (Incl. Ref. #1, 2 & 4) | 1        |

| Ref. No. | Part No. | Description                                     | No. Used |
|----------|----------|-------------------------------------------------|----------|
| 4        | 251-332  | Spacer - Inner                                  | 1        |
| 5        | 76-1890  | 13" Segmented Tire Assy. (Incl. Ref. #1, 2 & 6) | 1        |
| 6        | 251-333  | Spacer - Inner                                  | 1        |

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3317-375

| Part No. | Description              | Pg. Ref.<br>No. No. Qty. | Part No. | Description              | Pg. Ref.<br>No. No. Qty. |
|----------|--------------------------|--------------------------|----------|--------------------------|--------------------------|
| 3-2858   | Disc - Friction          | 18 2 1                   | 40-4120  | Plate - Rubber           | 3 7 1                    |
| 3-3251   | Spring - Compression     | 4 45 1                   | 40-4150  | Roller                   | 3 11 1                   |
| 3-3710   | Tie Rod Assembly         | 75 39 1                  | 40-4160  | Guide - Sleeve           | 3 12 1                   |
| 3-6498   | Washer                   | 84 34 1                  | 40-4230  | Plug                     | 3 17 1                   |
| 3-6498   | Washer - Flat            | 82 58 1                  | 40-4310  | Bearing - Thrust Needle  | 3 25 1                   |
| 3-8514   | Washer                   | 93 3 1                   | 40-4340  | Spring - Extension       | 3 28 1                   |
| 3-8596   | Spring - Compression     | 18 12 1                  | 40-4350  | Spring - Extension       | 3 29 2                   |
| 5-0838   | Washer - Flat            | 80 18 16                 | 40-4360  | Plate                    | 3 30 1                   |
| 5-0838   | Washer - Flat            | 90 24 32                 | 40-4370  | Bolt                     | 3 31 1                   |
| 5-0838   | Washer - Flat            | 83 30 3                  | 40-4380  | Bracket - Release        | 3 32 2                   |
| 5-0838   | Washer - Flat            | 84 40 3                  | 40-9520  | Spacer - Split           | 84 12 2                  |
| 5-3177   | Washer - Flat            | 23 7 4                   | 40-9520  | Spacer - Split           | 83 3 2                   |
| 5-3637   | Spacer - Terminal        | 22 4 1                   | 41-8760  | Gasket - Pump            | 37 49 1                  |
| 5-3637   | Washer - Flat            | 48 13 1                  | 42-1720  | Field Core Coil Assembly | 9 5 1                    |
| 12-8900  | Bolt - Shoulder          | 36 32 2                  | 42-6200  | Shim - Cushion           | 83 * A/R                 |
| 13-4239  | Shroud - Fan             | 44 9 1                   | 42-6200  | Shim - Cushion           | 84 * A/R                 |
| 13-4969  | Deck - Center            | 81 41 1                  | 43-4000  | Breaker - Circuit 40A    | 11 10 1                  |
| 13-4979  | Right Wing Deck Assembly | 84 18 1                  | 43-5920  | Washer - Lock            | 48 14 1                  |
| 13-4989  | Deck - Left Wing         | 83 12 1                  | 43-5970  | Nut - Hex.               | 48 15 1                  |
| 13-4999  | Deck - Wing R.H.         | 90 * 1                   | 43-6110  | Plate - Clutch           | 9 9 1                    |
| 13-5009  | Deck - Wing L.H.         | 90 20 1                  | 43-6200  | Spring - Compression     | 9 27 1                   |
| 13-5059  | Arm - Outside Castor     | 90 19 2                  | 43-6280  | Button                   | 13 10 2                  |
| 13-5069  | Arm - Castor L.H.        | 80 31 1                  | 43-6280  | Button                   | 14 12 2                  |
| 17-7190  | Spacer                   | 46 23 4                  | 43-6320  | Collar - Locking         | 9 10 1                   |
| 18-2770  | Strap - Ground           | 72 23 1                  | 43-6420  | Bezel                    | 13 11 2                  |
| 19-1470  | Bolt - Shoulder          | 81 13 4                  | 43-6420  | Bezel                    | 14 13 2                  |
| 20-4360  | Tube - Spacer            | 78 16 2                  | 43-8480  | Decal - Danger           | 83 24 1                  |
| 20-4840  | Clamp - Exhaust          | 46 12 2                  | 43-8480  | Decal - Danger           | 90 27 2                  |
| 20-4840  | Clamp - Tube             | 25 15 2                  | 43-8480  | Decal - Danger           | 84 32 1                  |
| 20-9500  | Spacer                   | 4 14 2                   | 43-8480  | Decal - Danger           | 81 40 1                  |
| 21-0141  | Joint - Ball             | 9 20 1                   | 44-2210  | Body - Indicator Light   | 4 5 1                    |
| 21-1830  | Spring - Extension       | 7 23 1                   | 44-2212  | Body - Indicator Light   | 4 12 2                   |
| 21-2070  | Yoke - End               | 36 8 2                   | 46-1600  | Spacer                   | 4 26 4                   |
| 21-3000  | Nut - Jam                | 88 20 2                  | 46-3380  | Bolt - Shoulder          | 44 23 2                  |
| 21-3000  | Nut - Jam                | 78 38 2                  | 47-6990  | Nut - Hex.               | 4 9 1                    |
| 21-3001  | Nut - Jam L.H. Thread    | 88 3 2                   | 48-7630  | Screw                    | 47 72 1                  |
| 23-1640  | Bushing - Taper Lock     | 81 50 1                  | 48-7710  | Screw - Cap Hex. Hd.     | 37 10 8                  |
| 23-1640  | Bushing - Taper Lock     | 91 15 2                  | 48-7780  | Screw - Cap Hex. Hd.     | 2 15 4                   |
| 23-2140  | Hose - Radiator Vent     | 44 7 1                   | 48-7780  | Screw - Cap Hex. Hd.     | 46 32 6                  |
| 23-2270  | Bushing - Rubber         | 9 15 1                   | 48-7890  | Nut - Hex.               | 47 73 1                  |
| 23-7250  | Spacer                   | 72 35 1                  | 48-7930  | Nut - Lock               | 46 6 3                   |
| 23-7270  | Nut - Lug                | 75 24 10                 | 48-8070  | Washer - Lock            | 46 2 16                  |
| 25-2630  | Ring - Back Up           | 41 63 1                  | 48-8070  | Washer - Lock            | 72 29 1                  |
| 25-2630  | Ring Back Up             | 40 47 1                  | 48-9470  | Screw - Cap Hex. Hd.     | 46 25 8                  |
| 27-2360  | Switch - Ignition        | 14 16 1                  | 48-9480  | Screw - Cap Hex. Hd.     | 46 21 4                  |
| 27-4720  | Pin - Pivot Seat         | 1 14 1                   | 48-9570  | Washer - Lock            | 46 7 3                   |
| 27-4720  | Pin - Pivot, Seat        | 2 19 1                   | 48-9570  | Washer - Lock            | 37 9 8                   |
| 27-7120  | Nut                      | 69 3 1                   | 48-9590  | Washer - Lock            | 46 22 16                 |
| 27-7220  | Detergent - Element      | 69 * 1                   | 49-2500  | Element Assembly         | 57 21 1                  |
| 28-0380  | Spacer                   | 4 35 3                   | 49-6170  | Pad - Brake              | 7 4 1                    |
| 28-3580  | Ring - Back Up           | 40 44 1                  | 49-6171  | Pad - Brake Pedal L.H.   | 6 19 1                   |
| 28-3590  | Seal O-Ring              | 40 43 1                  | 49-6172  | Pad - Brake Pedal R.H.   | 6 * 1                    |
| 29-6150  | Spring - Leaf            | 37 43 1                  | 51-3150  | Shim - Spring            | 38 60 A/R                |
| 29-6163  | Switch - Micro           | 6 13 1                   | 51-4060  | Bolt - Blade             | 93 15 1                  |
| 29-6170  | Leaf Spring Assembly     | 37 38 1                  | 51-4910  | Bolt                     | 51 24 2                  |
| 30-8770  | Washer - Flat            | 90 9 8                   | 51-4910  | Bolt                     | 62 28 4                  |
| 30-8770  | Washer - Flat            | 80 32 4                  | 51-4920  | Bolt                     | 52 1 1                   |
| 31-0390  | Washer - Friction        | 4 15 3                   | 51-4950  | Guide                    | 53 18 8                  |
| 37-9560  | Hose - Fuel              | 70 1 1                   | 51-5090  | Plug                     | 54 9 1                   |
| 39-5710  | Plug                     | 2 13 21                  | 51-5260  | Ring - Retaining         | 54 30 2                  |
| 39-7591  | Thermo Switch Assembly   | 47 66 1                  | 51-5280  | Cap                      | 54 12 8                  |
| 39-7592  | Switch - Temperature     | 46 5 1                   | 51-5290  | Cotter                   | 54 13 16                 |
| 39-7593  | Temperature Sending Unit | 24 15 1                  | 51-5300  | Retainer                 | 54 14 8                  |
| 39-7650  | Plate - Cover            | 86 59 2                  | 51-5310  | Seal                     | 54 15 8                  |
| 40-0330  | Cushion - Rubber         | 83 4 1                   | 51-5460  | Key                      | 56 16 1                  |
| 40-0330  | Cushion - Rubber         | 84 13 1                  | 51-5460  | Key                      | 54 26 1                  |
| 40-3890  | Trim                     | 2 14 2                   | 51-5470  | Plate                    | 54 25 1                  |
| 40-4010  | Roller                   | 3 1 4                    | 51-5500  | Bushing No. 1            | 55 5 1                   |
| 40-4060  | Washer - Rubber          | 3 26 1                   | 51-5510  | Bushing - No. 2          | 55 26 1                  |
| 40-4070  | Washer                   | 3 24 3                   | 51-5520  | Bushing - No. 3          | 55 27 1                  |
| 40-4080  | Track - U                | 3 6 1                    | 51-5580  | Hanger                   | 55 2 1                   |
| 40-4090  | Rivet - Pop              | 3 5 2                    | 51-5600  | Cap                      | 55 3 11                  |

\*Not Illustrated



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| Part No. | Description             | Pg. Ref.<br>No. No. Qty. | Part No. | Description                 | Pg. Ref.<br>No. No. Qty. |
|----------|-------------------------|--------------------------|----------|-----------------------------|--------------------------|
| 51-5640  | Idle Shaft Assembly     | 55 36 1                  | 51-7770  | Gear - Pinion               | 49 22 1                  |
| 51-5650  | Pin                     | 56 15 1                  | 51-7780  | Cover Assembly              | 49 21 1                  |
| 51-5650  | Pin                     | 55 21 6                  | 51-7790  | Packing                     | 49 20 2                  |
| 51-5650  | Pin                     | 55 35 1                  | 51-7830  | Cover - Rear                | 49 16 1                  |
| 51-5840  | Washer                  | 53 12 1                  | 51-7840  | Ring - Rubber               | 49 15 2                  |
| 51-5850  | Cover                   | 52 15 1                  | 51-7850  | Nut Assembly                | 50 1 1                   |
| 51-5860  | Gasket                  | 52 14 1                  | 51-7870  | Screw Set                   | 50 4 1                   |
| 51-5890  | Oil Seal Assembly       | 58 17 1                  | 51-7890  | Screw Set                   | 50 5 1                   |
| 51-5950  | Stud                    | 58 2 2                   | 51-7910  | Rotor Assembly              | 50 10 1                  |
| 51-5970  | Nut                     | 58 4 2                   | 51-7930  | Stator                      | 50 18 1                  |
| 51-6350  | Gear                    | 56 3 1                   | 51-7950  | Terminal Assembly           | 50 17 1                  |
| 51-6390  | Washer                  | 62 29 4                  | 51-7960  | Regulator Assembly          | 50 16 1                  |
| 51-6390  | Washer                  | 55 33 1                  | 51-7970  | Brush                       | 50 15 2                  |
| 51-6390  | Washer - Lock           | 52 2 11                  | 51-8270  | Washer                      | 55 29 1                  |
| 51-6390  | Washer - Lock           | 58 3 13                  | 51-8280  | Bolt                        | 55 28 1                  |
| 51-6390  | Washer - Lock           | 48 9 2                   | 51-8590  | Washer                      | 48 3 1                   |
| 51-6390  | Washer - Lock           | 62 9 2                   | 51-8610  | Washer - Lock               | 56 5 4                   |
| 51-6390  | Washer - Lock           | 51 14 2                  | 51-8610  | Washer - Lock               | 48 11 2                  |
| 51-6390  | Washer - Lock           | 51 18 4                  | 51-8640  | Bolt                        | 48 8 2                   |
| 51-6390  | Washer - Lock           | 51 23 4                  | 52-9230  | Ring - Retaining            | 5 3 1                    |
| 51-6390  | Washer - Lock           | 57 27 4                  | 52-9240  | Bushing - Gland Seal        | 5 4 1                    |
| 51-6400  | Plate                   | 52 7 1                   | 52-9250  | Needle Bearing Kit          | 5 * 1                    |
| 51-6430  | Bushing                 | 52 10 1                  | 52-9260  | Screw - Set                 | 5 1 1                    |
| 51-6480  | Cover                   | 55 9 1                   | 52-9270  | Seat - Check Ball           | 5 24 1                   |
| 51-6490  | Gasket                  | 55 10 1                  | 52-9280  | Ball - Check                | 5 22 1                   |
| 51-6820  | Washer                  | 57 24 1                  | 52-9290  | Retainer - Check Ball       | 5 21 1                   |
| 51-6830  | Relief Valve Assembly   | 57 25 1                  | 52-9320  | Drive                       | 5 15 1                   |
| 51-6890  | Gasket                  | 53 14 1                  | 56-7971  | Clamp Half - Hydraulic Line | 30 26 2                  |
| 51-6890  | Gasket - Plug           | 58 15 1                  | 56-7972  | Clamp Half - Hydraulic Line | 30 20 4                  |
| 51-6910  | Nut                     | 51 32 1                  | 56-7973  | Clamp Half - Hydraulic Line | 30 19 20                 |
| 51-6920  | Washer - Lock           | 51 21 2                  | 56-7973  | Clamp Half - Hydraulic Line | 28 44 4                  |
| 51-6920  | Washer - Lock           | 51 31 1                  | 56-7973  | Clamp Half - Hydraulic Line | 86 57 6                  |
| 51-6940  | Ring                    | 51 28 1                  | 56-7974  | Clamp - Hydraulic Lines     | 72 31 2                  |
| 51-6950  | Bearing                 | 51 27 1                  | 56-7974  | Clamp Half - Hydraulic Line | 85 2 2                   |
| 51-6960  | Key                     | 51 3 1                   | 56-7974  | Clamp Half - Hydraulic Line | 30 17 2                  |
| 51-6980  | Bearing                 | 51 25 1                  | 56-7974  | Clamp Half - Hydraulic Line | 47 77 2                  |
| 51-7020  | Nipple                  | 51 6 1                   | 56-7978  | Clamp Half - Hydraulic Line | 30 25 8                  |
| 51-7030  | Seal                    | 51 10 1                  | 56-7978  | Clamp Half - Hydraulic Line | 24 42 6                  |
| 51-7170  | Pipe                    | 51 8 1                   | 58-3590  | Pin - Flywheel              | 46 24 2                  |
| 51-7200  | Clamp                   | 51 42 2                  | 58-4250  | Magnet                      | 42 1 6                   |
| 51-7210  | Gasket                  | 51 2 2                   | 58-5620  | Tube - Inner                | 32 * 2                   |
| 51-7220  | Gasket                  | 51 38 1                  | 58-6290  | Poppet Assembly             | 20 34 3                  |
| 51-7230  | Thermostat              | 51 37 1                  | 58-6310  | Spacer                      | 20 28 3                  |
| 51-7250  | Washer                  | 59 1 4                   | 58-6320  | Wiper - Seal                | 20 24 3                  |
| 51-7250  | Washer                  | 59 6 16                  | 58-6330  | Seat Assy.                  | 20 35 3                  |
| 51-7250  | Washer                  | 55 8 2                   | 58-6340  | Seal - O-Ring               | 20 36 3                  |
| 51-7250  | Washer                  | 57 9 3                   | 58-6350  | Plug Assembly               | 20 11 3                  |
| 51-7250  | Washer                  | 55 38 1                  | 58-6370  | Washer - Back-Up            | 20 10 6                  |
| 51-7250  | Washer - Lock           | 54 3 8                   | 58-6400  | Bushing                     | 20 25 3                  |
| 51-7250  | Washer - Lock           | 48 4 1                   | 58-6420  | Cap Assembly                | 20 30 3                  |
| 51-7250  | Washer - Lock           | 53 4 2                   | 58-6440  | Poppet                      | 20 22 1                  |
| 51-7250  | Washer - Lock           | 58 8 28                  | 58-6450  | Seal - O-Ring               | 20 12 6                  |
| 51-7250  | Washer - Lock           | 52 16 5                  | 58-6460  | Ring - Retaining            | 20 29 3                  |
| 51-7250  | Washer - Lock           | 54 24 2                  | 58-6470  | Washer                      | 20 18 A/R                |
| 51-7250  | Washer - Lock           | 62 32 2                  | 58-6480  | Washer                      | 20 19 A/R                |
| 51-7250  | Washer - Lock           | 51 34 4                  | 58-6490  | Washer                      | 20 20 A/R                |
| 51-7400  | Washer                  | 57 30 4                  | 58-6700  | Washer                      | 20 26 3                  |
| 51-7400  | Washer - Lock           | 62 16 6                  | 58-6710  | Plug Assy.                  | 20 6 1                   |
| 51-7400  | Washer - Lock           | 61 18 2                  | 58-6720  | Seal - O-Ring               | 20 7 1                   |
| 51-7600  | Screw Set               | 49 4 1                   | 58-6730  | Spring                      | 20 27 3                  |
| 51-7610  | Packing                 | 49 5 2                   | 58-6750  | Seal - O-Ring               | 20 17 1                  |
| 51-7630  | Seal - Oil              | 49 24 1                  | 58-6760  | Spring                      | 20 3 3                   |
| 51-7640  | Lever Assembly          | 49 7 1                   | 58-6770  | Plunger - Detent            | 20 4 3                   |
| 51-7650  | Spring Assembly         | 49 8 1                   | 58-6780  | Plug Assy.                  | 20 1 3                   |
| 51-7660  | Bracket Assembly Center | 49 9 1                   | 58-6790  | Seal - O-Ring               | 20 5 3                   |
| 51-7670  | Solenoid                | 49 10 1                  | 59-6730  | Race - Bearing              | 5 7 2                    |
| 51-7690  | Bearing                 | 49 11 1                  | 59-6740  | Bearing - Needle Thrust     | 5 8 1                    |
| 51-7720  | Clutch Assy.            | 49 * 1                   | 59-6820  | Centering Spring Kit        | 5 11 1                   |
| 51-7730  | Gear Pinion Assembly    | 49 2 1                   | 59-6830  | Kit - Centering Pin         | 5 20 1                   |
| 51-7740  | Retaining Ring Assembly | 49 1 1                   | 59-6910  | Connector                   | 48 6 1                   |
| 51-7750  | Gear Assembly           | 49 * 1                   | 59-7580  | Nut - Hex.                  | 26 24 8                  |
| 51-7760  | Shaft Assembly          | 49 23 1                  | 59-7580  | Nut - Hex.                  | 92 1 8                   |

\*Not Illustrated



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| Part No. | Description              | Pg. Ref.<br>No. No. Qty. | Part No. | Description                 | Pg. Ref.<br>No. No. Qty. |
|----------|--------------------------|--------------------------|----------|-----------------------------|--------------------------|
| 59-7590  | Washer - Lock            | 26 12 16                 | 62-6450  | Kit - Retaining Ring        | 35 28 1                  |
| 59-7590  | Washer - Lock            | 92 2 8                   | 62-6460  | Sealant - RTV (Tube)        | 35 * 1                   |
| 59-7970  | Stud - Threaded          | 26 23 8                  | 62-7650  | Gasket - Level Sensing Unit | 22 1 1                   |
| 59-7970  | Stud - Threaded          | 92 3 8                   | 63-0660  | Pulley - Drive              | 82 51 1                  |
| 59-7990  | Seal - Gland             | 26 3 4                   | 63-0660  | Pulley - Wing Deck Drive    | 91 14 2                  |
| 59-8470  | Retainer - Seal          | 26 4 4                   | 63-1540  | Pulley - Idler              | 81 15 3                  |
| 59-8500  | Gear/Shaft - Front Drive | 26 17 1                  | 63-1540  | Pulley - Idler              | 91 24 6                  |
| 59-8570  | Seal - Shaft             | 26 22 1                  | 63-4740  | Bolt                        | 53 7 17                  |
| 59-8580  | Ring - Retaining         | 26 21 1                  | 63-7430  | Gauge - Temperature         | 13 8 1                   |
| 59-8590  | Seal - Shaft             | 26 20 1                  | 63-7590  | Relay                       | 72 19 1                  |
| 59-8600  | Gear - Driven            | 26 9 2                   | 63-8280  | Head - Fuel Filter          | 70 4 1                   |
| 59-8610  | Repair Kit               | 26 * 1                   | 63-8290  | Vent - Air                  | 70 5 1                   |
| 60-3780  | Seal Kit                 | 20 * 1                   | 63-8310  | Valve - Drain               | 70 8 1                   |
| 60-3810  | Shaft - Input            | 35 2 1                   | 63-8360  | Key - Ignition              | 14 11 1                  |
| 60-3830  | Seal - Oil               | 35 4 1                   | 66-1340  | Decal - Danger              | 83 23 1                  |
| 60-3840  | Cone - Bearing           | 35 5 1                   | 66-1340  | Decal - Danger              | 84 33 1                  |
| 60-3850  | Cup - Bearing            | 35 6 2                   | 66-1340  | Decal - Danger              | 90 37 2                  |
| 60-3860  | Bolt - Wheel             | 35 7 9                   | 66-1340  | Decal - Danger              | 82 60 1                  |
| 60-3870  | Hub                      | 35 8 1                   | 66-2490  | Hold-Down - Battery         | 72 16 2                  |
| 60-3880  | Cone - Bearing           | 35 9 1                   | 66-2940  | Gauge - Fuel                | 13 25 1                  |
| 60-3890  | Bolt - Hex. Hd.          | 35 10 6                  | 66-2950  | Hourmeter                   | 13 26 1                  |
| 60-3900  | Gear - Ring              | 35 24 1                  | 66-3241  | Cap - Radiator              | 44 5 1                   |
| 60-3910  | Washer - Flat            | 35 11 6                  | 66-6140  | Decal - TORO                | 43 27 1                  |
| 60-3930  | Ring - Retaining         | 35 25 2                  | 66-8530  | Track - Adjustment          | 2 3 1                    |
| 60-3940  | Washer                   | 35 26 2                  | 67-4510  | Sending Unit - Temperature  | 46 4 1                   |
| 60-3950  | Spring - Disengage       | 35 27 1                  | 67-5360  | Decal - Danger              | 83 25 1                  |
| 60-3960  | Primary Carrier Assembly | 35 15 1                  | 67-5360  | Decal - Danger              | 84 31 1                  |
| 60-3970  | Gear - Primary Sun       | 35 13 1                  | 67-5360  | Decal - Danger              | 90 39 4                  |
| 60-3980  | Washer - Thrust          | 35 12 1                  | 67-7160  | Block - Fuse                | 11 24 4                  |
| 60-3990  | Washer - Thrust          | 35 23 1                  | 67-7561  | Cup - Anti Scalp            | 93 13 1                  |
| 60-4000  | Secondary Carrier Assy.  | 35 20 1                  | 67-9560  | Shell - Seat                | 1 2 1                    |
| 60-4010  | Plunger - Disengage      | 35 22 1                  | 68-6150  | Breather                    | 44 50 1                  |
| 60-4020  | Seal - O-Ring            | 35 21 1                  | 68-7571  | Strip - Sealing             | 23 24 1                  |
| 60-4030  | Bolt - Hex. Hd.          | 35 17 8                  | 68-7572  | Strip - Sealing             | 22 18 1                  |
| 60-4040  | Plug - Pipe              | 35 16 1                  | 68-8080  | Wheel - Steering            | 4 10 1                   |
| 60-4050  | Cover - Large            | 35 19 1                  | 69-0030  | Spring - Compression        | 36 30 2                  |
| 60-4060  | Cover - Disengage        | 35 18 1                  | 69-0040  | Foam - Lower Grille         | 42 20 1                  |
| 60-4070  | Bolt - Hex. Hd.          | 35 14 2                  | 69-0060  | Screw - Cap Hex. Hd.        | 72 28 1                  |
| 60-5210  | Clamp                    | 62 15 2                  | 69-0060  | Screw - Cap Hex. Hd.        | 46 39 16                 |
| 60-5340  | Cover Assembly - Front   | 50 7 1                   | 69-0090  | Pin - Clevis Engine End     | 18 * 1                   |
| 60-5360  | Bearing                  | 50 11 1                  | 69-0100  | Frame - Assembly            | 28 49 1                  |
| 60-5370  | Rectifier Assembly       | 50 13 1                  | 69-0760  | Bracket - Arm Rest L.H.     | 1 * 1                    |
| 60-5380  | Cover Assembly - Rear    | 50 12 1                  | 69-0770  | Bracket - Arm Rest R.H.     | 1 18 1                   |
| 60-5720  | Seal - O-Ring            | 20 9 6                   | 69-0820  | Decal - H.O.C.              | 82 57 1                  |
| 60-6450  | Disc                     | 20 2 A/R                 | 69-0880  | Decal - Torque              | 80 30 1                  |
| 60-7040  | Bolt                     | 51 40 2                  | 69-0880  | Decal - Torque              | 90 38 2                  |
| 60-7110  | Bolt                     | 57 10 3                  | 69-0890  | Decal - Belt Routing L.H.   | 90 36 1                  |
| 60-7110  | Bolt                     | 52 18 1                  | 69-0900  | Decal - Belt Routing R.H.   | 90 * 1                   |
| 60-7110  | Bolt                     | 54 23 2                  | 69-0920  | Decal - Hydraulic Oil       | 30 8 1                   |
| 60-7110  | Bolt                     | 55 37 1                  | 69-0930  | Decal - Warning             | 22 12 1                  |
| 60-7120  | Nut - Hex.               | 61 3 12                  | 69-0940  | Decal - Caution             | 30 39 1                  |
| 60-7160  | Rivet                    | 60 1 2                   | 69-0950  | Decal - 580D                | 43 26 2                  |
| 60-7210  | Bolt                     | 52 6 1                   | 69-0960  | Panel - Diagnostic          | 29 4 1                   |
| 60-7280  | Bolt                     | 54 2 4                   | 69-0970  | Panel - Control             | 4 46 1                   |
| 60-7280  | Bolt                     | 53 3 2                   | 69-0980  | Panel - Lever               | 14 1 1                   |
| 60-7280  | Bolt                     | 55 7 2                   | 69-0990  | Panel - Control             | 14 6 1                   |
| 60-7280  | Bolt                     | 58 9 23                  | 69-1130  | Louver - Middle             | 42 8 1                   |
| 60-7280  | Bolt                     | 62 31 2                  | 69-1140  | Louver - Lower              | 42 31 1                  |
| 60-7280  | Bolt                     | 51 35 1                  | 69-1170  | Gauge - Sight               | 23 2 1                   |
| 60-7290  | Bolt                     | 57 29 4                  | 69-1180  | Armrest                     | 1 20 2                   |
| 60-7370  | Bolt                     | 59 2 4                   | 69-1380  | Panel - Side R.H.           | 43 * 1                   |
| 60-7370  | Bolt                     | 48 5 1                   | 69-1390  | Panel - Side L.H.           | 43 12 1                  |
| 60-7370  | Bolt                     | 59 7 16                  | 69-1510  | Spacer - Caster             | 80 2 12                  |
| 60-7370  | Bolt                     | 58 12 5                  | 69-1510  | Spacer - Castor             | 90 35 48                 |
| 60-7480  | Bolt                     | 62 10 2                  | 69-1530  | Housing - Spindle           | 93 8 1                   |
| 60-7480  | Bolt                     | 57 26 4                  | 69-1540  | Pivot - Spring              | 78 34 1                  |
| 60-9760  | Nut - Lock               | 79 11 1                  | 69-1560  | Lever - Lock                | 4 1 1                    |
| 60-9760  | Nut - Lock               | 87 13 1                  | 69-1580  | Anchor - Latch L.H.         | 86 55 1                  |
| 60-9770  | Piston                   | 79 10 1                  | 69-1600  | Anchor - Latch R.H.         | 86 * 1                   |
| 61-2790  | Filler - Screen          | 23 34 1                  | 69-1610  | Adapter - Suction Hose      | 23 8 1                   |
| 61-4990  | Ring - Retaining         | 79 3 1                   | 69-1630  | Arm - Latch Pivot           | 88 12 4                  |
| 62-5550  | Decal                    | 4 47 1                   | 69-1640  | Radiator                    | 44 12 1                  |

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| 69-1650  | Screen - Suction             | 23 17 1                  | 69-2390  | Washer                      | 39 25 4                  |
| 69-1660  | Mount - Engine               | 46 40 4                  | 69-2400  | Seal - O-Ring               | 39 29 1                  |
| 69-1670  | Cooler - Oil                 | 44 32 1                  | 69-2410  | Plug                        | 39 1 2                   |
| 69-1680  | Fan                          | 47 62 1                  | 69-2420  | Seal - O-Ring               | 39 2 2                   |
| 69-1690  | Clutch - Fan                 | 47 64 1                  | 69-2430  | Spring - Compression        | 39 5 1                   |
| 69-1700  | Hydraulic Filter Assembly    | 24 19 1                  | 69-2440  | Orifice                     | 39 4 1                   |
| 69-1710  | Indicator - Filter           | 24 25 1                  | 69-2450  | Piston                      | 39 3 1                   |
| 69-1720  | Element - Filter             | 24 21                    | 69-2460  | Cap                         | 39 6 1                   |
| 69-1730  | Planetary Gear Drive Assy.   | 32 32 2                  | 69-2470  | Gasket - Cap                | 39 7 1                   |
| 69-1740  | Spindle                      | 35 3 1                   | 69-2480  | Screw - Set                 | 39 8 1                   |
| 69-1750  | Fuel Filter Assembly         | 46 44 1                  | 69-2490  | Spring - Compression        | 39 9 1                   |
| 69-1750  | Fuel Filter Assembly         | 70 * 1                   | 69-2500  | Poppet                      | 39 10 1                  |
| 69-1760  | Sensor - Water               | 70 9 1                   | 69-2510  | Seat                        | 39 11 1                  |
| 69-1770  | Element - Spin-On            | 70 11 1                  | 69-2520  | Plug - Pipe                 | 39 31 1                  |
| 69-1780  | Lift Valve Assembly          | 19 2 1                   | 69-2530  | Seal - O-Ring               | 39 12 1                  |
| 69-1790  | Plunger                      | 20 37 2                  | 69-2540  | Cover Assembly              | 39 13 1                  |
| 69-1800  | Plug Assembly                | 20 32 3                  | 69-2550  | Repair Kit - Pump           | 39 * 1                   |
| 69-1810  | Spring                       | 20 33 3                  | 69-2560  | Repair Kit - Pump & Divider | 39 * 1                   |
| 69-1820  | Spring - Black               | 20 21 1                  | 69-2570  | Head                        | 79 4 1                   |
| 69-1830  | Plug Assembly                | 20 16 1                  | 69-2580  | Shaft w/clevis              | 79 1 1                   |
| 69-1840  | Plunger                      | 20 31 1                  | 69-2640  | Master Cylinder Assembly    | 7 9 1                    |
| 69-1860  | Gerotor                      | 5 16 1                   | 69-2650  | Boot - Rod                  | 8 1 1                    |
| 69-1880  | Spacer                       | 5 17 1                   | 69-2660  | Ring - Retaining            | 8 2 1                    |
| 69-1890  | Air Cleaner Assembly         | 46 15 1                  | 69-2730  | Piston Assembly             | 8 * 1                    |
| 69-1900  | Element Assembly             | 69 5 1                   | 69-2740  | Bail - Cover                | 8 12 1                   |
| 69-1910  | Clamp Assembly               | 69 4 1                   | 69-2750  | Cover - Reservoir           | 8 9 1                    |
| 69-1920  | Baffle                       | 69 2 1                   | 69-2760  | Gasket - Diaphragm          | 8 10 1                   |
| 69-1930  | Cup Assembly                 | 69 1 1                   | 69-2770  | Seat - Tube                 | 8 11 1                   |
| 69-1940  | Indicator - Electrical       | 47 71 1                  | 69-2960  | Hub - Rear Wheel            | 75 19 2                  |
| 69-1950  | Band - Air Cleaner           | 46 28 2                  | 69-2970  | Cap - Hub                   | 75 27 2                  |
| 69-1960  | Hydraulic Cylinder Assembly  | 75 42 2                  | 69-2980  | Seal - Inner                | 75 32 2                  |
| 69-1960  | Steering Cylinder (Complete) | 77 * 2                   | 69-2990  | Screw - Drive               | 75 18 10                 |
| 69-1970  | Joint - Ball                 | 77 17 1                  | 69-3010  | Strap - Hold Down           | 43 6 4                   |
| 69-1980  | Nut - Jam                    | 77 16 1                  | 69-3020  | Handle - Latch              | 42 16 2                  |
| 69-1990  | Nut - Lock                   | 77 14 1                  | 69-3020  | Latch                       | 44 20 8                  |
| 69-2000  | Piston                       | 77 11 1                  | 69-3030  | Strike - Latch              | 42 13 8                  |
| 69-2020  | Rod - Piston                 | 77 4 1                   | 69-3040  | Variable Displacement Pump  | 37 1 1                   |
| 69-2030  | Ring - Head                  | 77 7 1                   | 69-3050  | Motor - Hydraulic Wheel     | 32 44 2                  |
| 69-2050  | Hydraulic Pump Assembly      | 25 8 1                   | 69-3070  | Washer - Lock               | 41 62 10                 |
| 69-2060  | Shaft End Cover Assembly     | 26 18 1                  | 69-3070  | Washer - Plain              | 34 2 10                  |
| 69-2070  | Plate - Flex                 | 26 5 4                   | 69-3080  | Plug                        | 41 60 6                  |
| 69-2070  | Plate - Flex                 | 92 7 4                   | 69-3090  | Adapter - Suction           | 41 79 1                  |
| 69-2080  | Center Section Assembly      | 26 7 2                   | 69-3100  | Screw                       | 41 82 1                  |
| 69-2090  | Gear/Shaft - Rear Drive      | 26 8 1                   | 69-3110  | Screw                       | 41 73 2                  |
| 69-2100  | Rear Cover Assembly          | 26 11 1                  | 69-3120  | Plug                        | 41 95 1                  |
| 69-2110  | Coupling                     | 26 1 1                   | 69-3130  | Plug                        | 40 9 1                   |
| 69-2120  | Seal - O-Ring                | 26 10 2                  | 69-3130  | Plug - Hole                 | 34 33 1                  |
| 69-2130  | Plug                         | 26 19 1                  | 69-3140  | Bracket - Lifting           | 41 58 1                  |
| 69-2130  | Plug                         | 92 14 1                  | 69-3150  | Screw - Hex. Hd.            | 41 61 10                 |
| 69-2140  | Screw - Cap Hex. Hd.         | 26 14 4                  | 69-3150  | Screw Hex. Hd.              | 34 1 10                  |
| 69-2150  | Screw - Cap Hex. Hd.         | 26 13 4                  | 69-3160  | Seal - O-Ring               | 41 74 3                  |
| 69-2160  | Port Section Assembly        | 26 16 1                  | 69-3170  | Ring - Retaining            | 34 19 2                  |
| 69-2170  | Adapter Section Assembly     | 26 2 1                   | 69-3170  | Ring - Retaining            | 40 31 2                  |
| 69-2200  | Seal - O-Ring                | 26 6 2                   | 69-3180  | Shaft Pump                  | 40 37 1                  |
| 69-2210  | Seal - O-Ring                | 26 15 1                  | 69-3190  | Seal - Lip                  | 34 18 1                  |
| 69-2220  | Pump/Valve                   | 37 52 1                  | 69-3190  | Seal - Lip                  | 40 30 1                  |
| 69-2230  | Flow Divider Assembly        | 39 30 1                  | 69-3200  | Ring - Retaining            | 34 17 2                  |
| 69-2240  | Screw                        | 39 32 4                  | 69-3200  | Ring - Retaining            | 40 29 2                  |
| 69-2250  | Bearing - Sleeve             | 39 20 4                  | 69-3210  | Bearing - Ball              | 34 20 1                  |
| 69-2260  | Seal - Load                  | 39 17 1                  | 69-3210  | Bearing - Ball              | 40 32 1                  |
| 69-2270  | Seal - Pre-Load              | 39 18 1                  | 69-3220  | Screw                       | 40 28 1                  |
| 69-2280  | Shaft/Gear - Idler           | 39 15 1                  | 69-3230  | Pin - Spring                | 40 12 1                  |
| 69-2290  | Shaft/Gear - Drive           | 39 28 1                  | 69-3230  | Pin - Spring                | 34 32 1                  |
| 69-2300  | Ring - Retaining             | 39 26 1                  | 69-3240  | Bearing - Journal           | 40 25 2                  |
| 69-2310  | Seal - Shaft                 | 39 27 1                  | 69-3250  | Swashplate - Variable       | 40 24 1                  |
| 69-2320  | Plate - Wear                 | 39 16 1                  | 69-3360  | Plate - Valve L.H.          | 40 40 1                  |
| 69-2330  | Body Assembly                | 39 21 1                  | 69-3370  | Bearing - Needle            | 40 13 1                  |
| 69-2340  | Pin - Dowel                  | 39 14 2                  | 69-3370  | Bearing - Needle            | 34 31 1                  |
| 69-2350  | Ring - Sealing               | 39 19 1                  | 69-3390  | Gerotor Assembly            | 41 89 1                  |
| 69-2360  | Screw                        | 39 23 4                  | 69-3400  | Screw Hex. Hd.              | 41 83 3                  |
| 69-2370  | Washer                       | 39 22 4                  | 69-3410  | Adapter - A Flange          | 41 85 1                  |
| 69-2380  | Screw                        | 39 24 4                  | 69-3420  | Ring - Temper Load          | 41 86 1                  |

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| 69-3430  | Key - Woodruff              | 41 84 1                  | 69-4120  | Valve - Hydraulic Cartridge   | 21 10 1                  |
| 69-3440  | Seal - O-Ring               | 41 87 1                  | 69-4130  | Plug - Orifice .047           | 21 39 2                  |
| 69-3450  | Pin                         | 34 30 1                  | 69-4140  | Plug - Orifice .120           | 21 38 1                  |
| 69-3450  | Pin                         | 40 41 1                  | 69-4150  | PTO Manifold Assembly         | 74 * 1                   |
| 69-3460  | Plug Expansion              | 41 80 1                  | 69-4150  | PTO Manifold Assembly         | 72 1 1                   |
| 69-3470  | Pin                         | 40 36 1                  | 69-4170  | Valve - Cartridge (600 lbs)   | 73 5 3                   |
| 69-3500  | Bearing - Sleeve            | 34 13 1                  | 69-4180  | Valve - Cartridge (3000 lbs)  | 73 8 3                   |
| 69-3500  | Sleeve - Bearing            | 40 34 1                  | 69-4190  | Valve - Cartridge (20 lbs)    | 73 40 3                  |
| 69-3510  | Pin                         | 34 14 1                  | 69-4200  | Valve - Cartridge (75 lbs)    | 73 38 3                  |
| 69-3510  | Pin                         | 40 35 1                  | 69-4220  | Plug - Orifice                | 74 47 1                  |
| 69-3520  | Pin                         | 40 26 2                  | 69-4230  | Cartridge Valve Seal Kit      | 74 * 6                   |
| 69-3520  | Pin - Spring                | 34 23 2                  | 69-4240  | Kit - Seal                    | 21 11 1                  |
| 69-3530  | Plug - Orifice              | 41 75 1                  | 69-4250  | Kit - Seal                    | 21 29 3                  |
| 69-3540  | Cover - Gerotor             | 41 88 1                  | 69-4260  | Solenoid Valve Seal Kit       | 74 * 3                   |
| 69-3550  | Pin                         | 41 81 1                  | 69-4270  | Cartridge Valve Seal Kit      | 74 * 6                   |
| 69-3560  | Seal - O-Ring               | 34 38 2                  | 69-4280  | Tube - Hydraulic Vent         | 23 33 1                  |
| 69-3560  | Seal - O-Ring               | 41 55 2                  | 69-4320  | Fitting - Hydraulic 90° Elbow | 81 8 1                   |
| 69-3570  | Ring - Piston               | 34 39 2                  | 69-4400  | Carrier - Wing Deck           | 86 54 1                  |
| 69-3570  | Ring - Piston               | 41 56 2                  | 69-4780  | Clamp - Gauge                 | 13 23 2                  |
| 69-3580  | Guide - Spring              | 40 8 1                   | 69-5350  | Hose - Air Cleaner Inlet      | 46 13 1                  |
| 69-3590  | Ring - Retaining            | 40 7 1                   | 69-5360  | Hose - Air Cleaner            | 46 17 1                  |
| 69-3600  | Nut - Hex.                  | 40 6 1                   | 69-5370  | Hose - Auxiliary Suction      | 23 14 1                  |
| 69-3610  | Nut - Jam                   | 40 5 1                   | 69-5380  | Hose - Upper Radiator         | 44 4 1                   |
| 69-3620  | Cover - Servo Adjustment    | 40 1 1                   | 69-5390  | Hose - Lower Radiator         | 44 10 1                  |
| 69-3630  | Nut Special                 | 40 2 1                   | 69-5410  | Manifold - Return             | 24 10 1                  |
| 69-3640  | Cover - Servo               | 40 3 1                   | 69-5430  | Pulley - Idler                | 84 7 1                   |
| 69-3650  | Piston - Servo              | 40 53 1                  | 69-5430  | Pulley - Idler                | 81 25 1                  |
| 69-3660  | Screw - Special             | 41 91 1                  | 69-5440  | Hose - Hydraulic              | 78 12 3                  |
| 69-3670  | Spring - Compression Servo  | 41 93 1                  | 69-5440  | Hose - Hydraulic              | 24 30 1                  |
| 69-3680  | Stop - Servo                | 41 92 1                  | 69-5440  | Hose - Hydraulic              | 38 58 1                  |
| 69-3690  | Bearing                     | 41 54 2                  | 69-5450  | Hose - Hydraulic              | 38 56 1                  |
| 69-3700  | Guide - Spring              | 41 90 1                  | 69-5460  | Hose - Hydraulic              | 37 18 1                  |
| 69-3710  | Gasket - Servo              | 40 4 2                   | 69-5460  | Hose - Hydraulic              | 24 14 1                  |
| 69-3710  | Gasket - Servo Cover        | 34 41 2                  | 69-5470  | Hose - Hydraulic              | 27 16 1                  |
| 69-3720  | Cover - Servo               | 34 43 2                  | 69-5470  | Hose - Hydraulic              | 38 57 1                  |
| 69-3720  | Cover Servo                 | 41 57 1                  | 69-5480  | Hose - Hydraulic              | 27 17 1                  |
| 69-3730  | Valve - Relief              | 41 78 2                  | 69-5480  | Hose - Hydraulic              | 38 59 1                  |
| 69-3740  | Spring - Compression        | 41 72 2                  | 69-5490  | Hose - Cylinder               | 85 39 4                  |
| 69-3750  | Seal - O-Ring               | 41 77 2                  | 69-5500  | Hose - Hydraulic              | 4 33 4                   |
| 69-3760  | Plug Special                | 41 71 2                  | 69-5510  | Hose - Hydraulic              | 75 1 4                   |
| 69-3770  | Shim                        | 41 69 1                  | 69-5590  | Hose - Hydraulic              | 73 1 2                   |
| 69-3780  | Plug                        | 41 67 1                  | 69-5590  | Hydraulic Hose Assembly       | 25 1 2                   |
| 69-3790  | Spring Compression          | 41 70 1                  | 69-5600  | Hose - Hydraulic              | 73 9 1                   |
| 69-3800  | Valve                       | 41 65 1                  | 69-5610  | Hose - Hydraulic              | 73 17 1                  |
| 69-3810  | Valve - By Pass             | 41 66 1                  | 69-5620  | Hose - Hydraulic              | 44 29 1                  |
| 69-3820  | Sleeve - Control Valve      | 40 42 1                  | 69-5640  | Hose - Hydraulic              | 25 12 1                  |
| 69-3830  | Spool - Rotary Valve        | 40 46 1                  | 69-5640  | Hose - Suction                | 23 12 1                  |
| 69-3840  | Seal - O-Ring               | 40 52 1                  | 69-5650  | Hose - Hydraulic              | 24 18 1                  |
| 69-3860  | Screw - Flange Hd.          | 40 49 1                  | 69-5650  | Hose - Hydraulic              | 37 22 1                  |
| 69-3870  | Handle - Control Valve      | 40 50 1                  | 69-5670  | Cable - Brake                 | 6 22 2                   |
| 69-3880  | Spring - Neutral Return     | 40 45 1                  | 69-5680  | Tube - Hydraulic              | 19 20 1                  |
| 69-3890  | Bracket - Neutral Return    | 40 48 1                  | 69-5680  | Tube - Hydraulic              | 21 9 1                   |
| 69-3900  | Washer                      | 40 51 1                  | 69-5700  | Tube - Hydraulic              | 19 18 1                  |
| 69-3910  | Cylinder Block Assembly     | 40 39 1                  | 69-5710  | Tube - Hydraulic              | 21 20 1                  |
| 69-3910  | Cylinder Block Kit          | 34 27 1                  | 69-5720  | Tube - Hydraulic              | 19 17 1                  |
| 69-3920  | Piston Ring & O-Ring Kit    | 34 * 1                   | 69-5730  | Tube - Hydraulic              | 21 33 1                  |
| 69-3940  | Plug                        | 34 29 1                  | 69-5740  | Tube - Hydraulic              | 19 19 1                  |
| 69-3950  | Shaft - Motor               | 34 25 1                  | 69-5790  | Tube - Hydraulic              | 27 37 1                  |
| 69-3960  | Screw                       | 34 21 1                  | 69-5800  | Tube - Hydraulic              | 23 20 1                  |
| 69-3970  | Bearing - Journal           | 34 22 2                  | 69-5800  | Tube - Hydraulic              | 30 28 1                  |
| 69-3980  | Swashplate - Variable       | 34 24 1                  | 69-5810  | Tube - Hydraulic Return       | 28 * 1                   |
| 69-3990  | Plate - Motor Valve         | 34 28 1                  | 69-5820  | Tube - Hydraulic              | 21 31 1                  |
| 69-4020  | Piston - Servo              | 34 37 1                  | 69-5830  | Tube - Hydraulic              | 21 32 1                  |
| 69-4030  | Spring - Servo              | 34 40 1                  | 69-5850  | Tube - Hydraulic              | 21 18 1                  |
| 69-4040  | Stop - Servo Piston         | 34 42 1                  | 69-5860  | Tube - Hydraulic              | 19 16 1                  |
| 69-4060  | Counterbalance Manifold     | 21 * 1                   | 69-5860  | Tube - Hydraulic              | 21 34 1                  |
| 69-4060  | Counterbalance Manifold     | 19 26 1                  | 69-5870  | Tube - Hydraulic              | 19 22 1                  |
| 69-4070  | Manifold - Counter Balance  | 21 14 1                  | 69-5870  | Tube - Hydraulic              | 21 28 1                  |
| 69-4080  | Valve - Hydraulic Cartridge | 21 1 1                   | 69-5890  | Tube - Hydraulic              | 21 5 1                   |
| 69-4090  | Valve - Hydraulic Cartridge | 21 36 1                  | 69-5890  | Tube - Hydraulic              | 19 21 1                  |
| 69-4100  | Valve - Hydraulic Cartridge | 21 15 1                  | 69-5900  | Tube - Hydraulic              | 44 31 1                  |
| 69-4110  | Valve - Hydraulic Cartridge | 21 30 2                  | 69-5910  | Tube - Hydraulic              | 21 19 1                  |

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| 69-5910  | Tube - Hydraulic Diagnostic | 29 6 1                   | 69-6760  | Shaft - Spindle              | 93 10 1                  |
| 69-5920  | Tube - Diagnostic           | 29 8 1                   | 69-6780  | Cover - Center Left          | 81 30 1                  |
| 69-5920  | Tube - Hydraulic            | 21 37 1                  | 69-6790  | Cover - Center Right         | 82 54 1                  |
| 69-5930  | Tube - Hydraulic R.H.       | 32 * 1                   | 69-6800  | Cover - Inner L.H.           | 91 1 1                   |
| 69-5940  | Tube - Hydraulic L.H.       | 32 2 1                   | 69-6810  | Cover - Outer L.H.           | 91 16 1                  |
| 69-5950  | Tube - Hydraulic            | 24 32 1                  | 69-6820  | Cover - Inner R.H.           | 91 * 1                   |
| 69-5950  | Tube - Hydraulic            | 28 57 1                  | 69-6830  | Cover - Outer R.H.           | 91 * 1                   |
| 69-5970  | Tube - Hydraulic R.H.       | 85 * 1                   | 69-6840  | Cover - Right Wing           | 84 2 1                   |
| 69-5980  | Tube - Hydraulic L.H.       | 85 21 1                  | 69-6850  | Cover - Left Wing            | 83 22 1                  |
| 69-5990  | Tube - Hydraulic            | 24 12 1                  | 69-6860  | Washer - Castor              | 80 25 8                  |
| 69-5990  | Tube - Hydraulic            | 86 53 1                  | 69-6860  | Washer - Thrust              | 90 33 28                 |
| 69-6000  | Tube - Hydraulic            | 24 11 1                  | 69-6870  | Plate - Magnet               | 84 3 2                   |
| 69-6000  | Tube - Hydraulic            | 86 49 1                  | 69-6870  | Plate - Magnet               | 91 18 8                  |
| 69-6010  | Tube - Hydraulic            | 76 50 1                  | 69-6870  | Plate - Magnet               | 83 21 2                  |
| 69-6020  | Tube - Hydraulic            | 76 51 1                  | 69-6870  | Plate - Magnet               | 81 31 4                  |
| 69-6030  | Tube - Hydraulic            | 27 35 1                  | 69-6890  | Spacer - Spring              | 81 47 1                  |
| 69-6030  | Tube - Hydraulic            | 86 46 1                  | 69-6900  | Shaft - Hinge                | 83 14 1                  |
| 69-6040  | Tube - Hydraulic            | 27 34 1                  | 69-6900  | Shaft - Hinge                | 84 20 1                  |
| 69-6040  | Tube - Hydraulic            | 86 50 1                  | 69-6910  | Bracket - Support            | 84 11 1                  |
| 69-6050  | Tube - Hydraulic            | 27 33 1                  | 69-6910  | Bracket - Support            | 83 19 1                  |
| 69-6050  | Tube - Hydraulic            | 86 51 1                  | 69-6920  | Blade - 20                   | 93 12 1                  |
| 69-6060  | Tube - Hydraulic            | 27 38 1                  | 69-6960  | Spacer - Idler               | 81 14 4                  |
| 69-6060  | Tube - Hydraulic            | 86 47 1                  | 69-6960  | Spacer - Idler               | 91 23 6                  |
| 69-6070  | Tube - Hydraulic            | 30 36 1                  | 69-6970  | Spacer - Idler               | 84 17 1                  |
| 69-6070  | Tube - Hydraulic            | 86 48 1                  | 69-6970  | Spacer - Idler               | 81 26 1                  |
| 69-6080  | Tube - Hydraulic            | 30 35 1                  | 69-6980  | Valve - Check                | 4 38 1                   |
| 69-6080  | Tube - Hydraulic            | 86 52 1                  | 69-6990  | Lever - Valve Mid.           | 19 * 1                   |
| 69-6100  | Tube - Hydraulic Pressure   | 28 50 1                  | 69-7000  | Lever - Valve R.H.           | 19 * 1                   |
| 69-6110  | Hydraulic Tube Assembly     | 25 13 1                  | 69-7010  | Lever - Valve L.H.           | 19 5 1                   |
| 69-6120  | Tube - Hydraulic            | 30 16 1                  | 69-7040  | Holder - Cup                 | 11 13 1                  |
| 69-6130  | Tube - Hydraulic            | 30 15 1                  | 69-7100  | Support - Radiator Lower     | 44 24 1                  |
| 69-6140  | Tube - Hydraulic            | 73 45 1                  | 69-7120  | Grille - Upper               | 42 27 1                  |
| 69-6140  | Tube - Hydraulic R.H.       | 85 * 1                   | 69-7150  | Grille - Lower               | 42 23 1                  |
| 69-6150  | Tube - Hydraulic            | 73 46 1                  | 69-7170  | Clevis - Deck                | 90 10 2                  |
| 69-6150  | Tube - Hydraulic R.H.       | 85 * 1                   | 69-7200  | Tube - Vent                  | 22 14 1                  |
| 69-6160  | Tube - Hydraulic            | 73 11 1                  | 69-7210  | Tube - Latch                 | 88 5 2                   |
| 69-6170  | Tube - Hydraulic            | 73 21 1                  | 69-7290  | Mount - Ball Joint           | 80 5 2                   |
| 69-6170  | Tube - Hydraulic L.H.       | 85 6 1                   | 69-7420  | Axle - Rear                  | 75 16 1                  |
| 69-6180  | Tube - Hydraulic            | 73 20 1                  | 69-7570  | Bracket - Front Engine       | 46 * 1                   |
| 69-6180  | Tube - Hydraulic L.H.       | 85 22 1                  | 69-7580  | Bracket - Front Engine       | 46 42 1                  |
| 69-6190  | Tube - Hydraulic            | 27 23 1                  | 69-7650  | Pedal - Traction             | 9 24 1                   |
| 69-6200  | Tube - Hydraulic            | 27 22 1                  | 69-7700  | Pedal - Brake                | 7 3 1                    |
| 69-6240  | Fitting - Hydraulic 90°     | 25 3 2                   | 69-7700  | Pedal - Brake                | 6 20 2                   |
| 69-6250  | Engine - Assembly           | 46 9 1                   | 69-7720  | Pawl - Brake                 | 6 7 1                    |
| 69-6260  | Magnet                      | 11 6 1                   | 69-7740  | Support - Steering Gear      | 4 21 1                   |
| 69-6260  | Magnet - Cover              | 83 15 2                  | 69-7760  | Link - Steering Gear         | 4 19 1                   |
| 69-6260  | Magnet - Cover              | 84 15 2                  | 69-7790  | Pin - Brake Arm              | 6 11 1                   |
| 69-6260  | Magnet - Cover              | 81 32 4                  | 69-7810  | Bracket - Valve              | 19 11 1                  |
| 69-6260  | Magnet - Cover              | 91 20 8                  | 69-7840  | Mount - Brake Arm            | 6 16 1                   |
| 69-6270  | Fork - Castor               | 80 24 2                  | 69-7880  | Arm - Brake L.H.             | 6 23 1                   |
| 69-6340  | Plate - Motor Mounting R.H. | 91 * 1                   | 69-7890  | Arm - Brake R.H.             | 6 2 1                    |
| 69-6360  | Plate - Motor Mounting L.H. | 91 3 1                   | 69-7920  | Support - Lift Arm L.H.      | 78 27 2                  |
| 69-6390  | Plate - Gearbox             | 82 52 1                  | 69-7940  | Support - Lift Arm R.H.      | 78 4 2                   |
| 69-6420  | Bar - Lift L.H.             | 90 18 1                  | 69-7960  | Support - Axle               | 75 12 2                  |
| 69-6470  | Bushing - Flange            | 89 5 8                   | 69-8040  | Arm - Throttle               | 18 4 1                   |
| 69-6470  | Bushing - Flange            | 75 6 6                   | 69-8080  | Cover - Tool Box             | 10 3 1                   |
| 69-6470  | Bushing - Flange            | 90 16 20                 | 69-8110  | Box - Tool                   | 10 1 1                   |
| 69-6470  | Bushing - Flange            | 80 26 4                  | 69-8160  | Tower - Steering             | 4 31 1                   |
| 69-6470  | Bushing - Flange            | 78 29 4                  | 69-8210  | Support - Cover              | 11 26 1                  |
| 69-6470  | Bushing - Flange            | 85 30 4                  | 69-8230  | Bracket - Trim L.H.          | 43 17 1                  |
| 69-6480  | Bar - Lift R.H.             | 90 * 1                   | 69-8250  | Bracket - Trim R.H.          | 43 20 1                  |
| 69-6490  | Plate - Tension             | 81 43 1                  | 69-8290  | Frame - Battery              | 72 33 1                  |
| 69-6550  | Arm - Tension               | 81 38 1                  | 69-8390  | Pulley - Spindle             | 93 4 1                   |
| 69-6610  | Arm - Idler                 | 81 23 1                  | 69-8410  | Screw - Cap Hex. Hd.         | 46 34 4                  |
| 69-6610  | Idler Arm Assembly          | 84 27 1                  | 69-8420  | Washer - Lock                | 46 35 4                  |
| 69-6640  | Hinge - Left Front          | 83 13 1                  | 69-8430  | Hose - Hydraulic             | 44 18 2                  |
| 69-6670  | Hinge - Left Rear           | 83 17 1                  | 69-8440  | Hose - Hydraulic             | 78 9 1                   |
| 69-6690  | Hinge - Right Front         | 84 28 1                  | 69-8440  | Hose - Hydraulic             | 24 31 1                  |
| 69-6710  | Hinge - Right Rear          | 84 23 1                  | 69-8450  | Hose - Hydraulic             | 44 30 1                  |
| 69-6730  | Skid                        | 83 7 1                   | 69-8460  | Fitting - Hydraulic Straight | 47 55 2                  |
| 69-6730  | Skid                        | 90 21 4                  | 69-8470  | Spring - Torsion             | 78 32 1                  |
| 69-6730  | Skid                        | 84 29 1                  | 69-8480  | Spring - Compression         | 88 6 2                   |

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| 69-8490  | Bracket - Throttle Cable  | 46 36 1                  | 69-9560  | Housing - Control         | 11 1 1                   |
| 69-8500  | Shim - Hinge Bracket      | 43 21 6                  | 69-9570  | Front Lift Arm Assy. R.H. | 78 43 1                  |
| 69-8510  | Cover - Steering Tower    | 4 41 1                   | 69-9580  | Front Lift Arm Assy. L.H. | 78 39 1                  |
| 69-8520  | Bracket - Hinge           | 43 28 2                  | 69-9650  | Screen - Cowl             | 42 9 2                   |
| 69-8590  | Support - Radiator Upper  | 44 2 1                   | 69-9680  | Shaft - Latch             | 88 10 2                  |
| 69-8650  | Cowl - Radiator           | 42 10 1                  | 69-9700  | Mount - Rubber            | 90 5 8                   |
| 69-8690  | Support - Grille          | 42 15 1                  | 69-9710  | Nut - Lock                | 47 63 4                  |
| 69-8750  | Arm - Brake               | 7 1 1                    | 69-9720  | Strip - Sealing           | 42 28 2                  |
| 69-8790  | Plate - Reinforcing       | 80 4 2                   | 69-9721  | Strip - Sealing           | 42 18 3                  |
| 69-8790  | Plate - Reinforcing       | 90 4 2                   | 69-9722  | Trim - Sealing            | 42 35 1                  |
| 69-8830  | Arm - Inside Castor       | 90 1 2                   | 69-9723  | Seal - Hood Bottom        | 43 15 2                  |
| 69-8860  | Arm - Castor R.H.         | 80 7 1                   | 69-9724  | Seal - Hood Front         | 43 29 1                  |
| 69-8890  | Cap - Spindle             | 75 13 2                  | 69-9730  | Switch - Toggle           | 14 18 1                  |
| 69-8900  | Spacer                    | 28 52 2                  | 69-9740  | Switch - Toggle           | 14 14 1                  |
| 69-8910  | Washer                    | 36 3 2                   | 69-9760  | Plate - Cover             | 30 10 3                  |
| 69-8910  | Washer                    | 28 51 4                  | 69-9761  | Plate - Clamp             | 72 36 1                  |
| 69-8920  | Washer                    | 30 4 4                   | 69-9761  | Plate - Cover             | 85 13 1                  |
| 69-8930  | Washer                    | 27 26 4                  | 69-9761  | Plate - Cover             | 30 14 5                  |
| 69-8940  | Washer                    | 27 5 12                  | 69-9761  | Plate - Cover             | 24 43 3                  |
| 69-8940  | Washer                    | 85 16 20                 | 69-9761  | Plate - Cover             | 47 78 1                  |
| 69-8950  | Spacer                    | 30 5 2                   | 69-9800  | Tire                      | 32 28 2                  |
| 69-8960  | Spacer                    | 27 27 2                  | 69-9810  | Joint - Ball              | 77 2 1                   |
| 69-8970  | Spacer                    | 85 17 10                 | 69-9880  | Tire                      | 75 22 2                  |
| 69-8970  | Spacer                    | 27 31 6                  | 69-9940  | Nut - Jam                 | 32 40 4                  |
| 69-8980  | Washer                    | 30 30 8                  | 69-9950  | Spring - Extension        | 32 37 4                  |
| 69-8990  | Spacer                    | 30 33 4                  | 69-9960  | Link                      | 32 36 4                  |
| 69-9000  | Spacer                    | 85 9 4                   | 69-9970  | Stud                      | 32 35 4                  |
| 69-9010  | Washer                    | 85 10 8                  | 69-9980  | Ball                      | 32 39 6                  |
| 69-9020  | Nut - Special             | 37 26 1                  | 69-9990  | Disc - Actuating          | 32 38 4                  |
| 69-9030  | Post - Neutral Device     | 9 14 1                   | 70-2800  | Pulley Assembly           | 50 2 1                   |
| 69-9040  | Cam - Neutral Device      | 37 31 1                  | 70-2810  | Spring - Return           | 50 14 2                  |
| 69-9050  | Bar - Neutral Device      | 37 45 1                  | 70-2820  | Bolt                      | 62 21 2                  |
| 69-9070  | Bracket - Clamp           | 47 58 1                  | 70-2830  | Bolt                      | 62 20 3                  |
| 69-9100  | Washer - Latch            | 88 7 2                   | 70-2830  | Bolt - Cap Hex. Hd.       | 61 17 2                  |
| 69-9110  | Rod - Engine Run Solenoid | 46 49 1                  | 70-2840  | Bolt                      | 62 17 1                  |
| 69-9120  | Rod - Hood Prop           | 72 5 1                   | 70-2850  | Bolt                      | 51 22 2                  |
| 69-9130  | Bracket - Throttle        | 18 11 1                  | 70-2850  | Bolt                      | 63 42 4                  |
| 69-9140  | Link - Valve Lever        | 19 6 3                   | 70-2860  | Bolt                      | 52 17 4                  |
| 69-9150  | Shaft - Valve Lever       | 19 9 1                   | 70-2860  | Bolt                      | 51 33 1                  |
| 69-9180  | Pin - Cylinder            | 78 17 2                  | 70-2870  | Bolt                      | 54 1 4                   |
| 69-9190  | Bushing - Cylinder        | 85 38 2                  | 70-2880  | Bolt                      | 56 6 4                   |
| 69-9190  | Tube - Cylinder Bushing   | 78 15 2                  | 70-2890  | Bolt                      | 51 15 2                  |
| 69-9200  | Pin - Brake Pawl          | 6 8 1                    | 70-2890  | Bolt                      | 55 34 1                  |
| 69-9210  | Lever - Brake Latch       | 6 4 1                    | 70-2900  | Bolt                      | 58 18 11                 |
| 69-9220  | Support - Tube Clamp      | 25 17 2                  | 70-2900  | Bolt                      | 51 19 1                  |
| 69-9230  | Shaft - Steering Pivot    | 4 2 1                    | 70-2910  | Bolt                      | 51 4 1                   |
| 69-9240  | Roller - Cam              | 89 16 2                  | 70-2920  | Bolt                      | 51 20 3                  |
| 69-9250  | Shaft - Roller            | 89 18 2                  | 70-2930  | Bolt                      | 52 19 9                  |
| 69-9260  | Pin - Clevis              | 80 29 2                  | 70-2930  | Bolt                      | 53 22 4                  |
| 69-9290  | Pad - Bumper              | 81 17 2                  | 70-2940  | Bolt                      | 48 12 2                  |
| 69-9300  | Cushion - Rubber          | 89 8 2                   | 70-2950  | Stud                      | 51 30 4                  |
| 69-9300  | Cushion - Rubber          | 85 34 2                  | 70-2960  | Nut                       | 62 23 2                  |
| 69-9300  | Cushion - Rubber          | 28 41 2                  | 70-2970  | Nut                       | 54 4 8                   |
| 69-9310  | Plate - Lever             | 14 20 1                  | 70-2980  | Nut                       | 62 39 4                  |
| 69-9330  | Cover                     | 30 1 1                   | 70-2990  | Washer                    | 52 3 1                   |
| 69-9340  | Rod - Brake               | 7 15 1                   | 70-2990  | Washer                    | 51 16 1                  |
| 69-9350  | Bracket - Hood Prop Rod   | 72 2 1                   | 70-2990  | Washer                    | 57 28 4                  |
| 69-9360  | Bracket - Fuel Filter     | 46 53 1                  | 70-2990  | Washer                    | 62 30 4                  |
| 69-9370  | Louver - Top              | 42 6 2                   | 70-3000  | Pin                       | 55 4 2                   |
| 69-9390  | Shaft - Pedal             | 9 11 1                   | 70-3010  | O-Ring                    | 60 23 1                  |
| 69-9400  | Bracket - Hose Support    | 76 49 1                  | 70-3020  | Ring                      | 56 20 8                  |
| 69-9420  | Muffler                   | 46 11 1                  | 70-3030  | Tube                      | 57 4 1                   |
| 69-9430  | Foam - Tool Box           | 10 2 1                   | 70-3040  | Hose                      | 61 14 1                  |
| 69-9440  | Panel - Steering Tower    | 4 4 1                    | 70-3050  | Bolt                      | 54 28 1                  |
| 69-9450  | Bracket - Wing Hose L.H.  | 85 7 1                   | 70-3060  | Gasket                    | 61 1 2                   |
| 69-9460  | Bracket - Wing Hose R.H.  | 85 * 1                   | 70-3070  | Gasket                    | 57 33 1                  |
| 69-9470  | Cover - Access            | 28 63 1                  | 70-3080  | Gasket                    | 55 23 1                  |
| 69-9480  | Bracket - Neutral Device  | 37 28 1                  | 70-3090  | Clamp                     | 57 3 1                   |
| 69-9520  | Panel - Rear              | 43 9 1                   | 70-3090  | Clamp - Hose              | 61 13 2                  |
| 69-9530  | Bracket - Air Cleaner     | 46 29 1                  | 70-3100  | Plug                      | 53 13 1                  |
| 69-9540  | Bracket - Steering Gear   | 4 18 1                   | 70-3110  | Plug - Drain              | 58 11 1                  |
| 69-9550  | Plate - Adapter           | 46 31 1                  | 70-3120  | Plug                      | 55 22 1                  |

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| 70-3130  | Gasket                | 59 4 1                   | 70-3830  | Gasket                   | 65 31 1                  |
| 70-3140  | Pipe                  | 62 36 1                  | 70-3840  | Rack                     | 64 2 1                   |
| 70-3150  | Pipe                  | 62 37 1                  | 70-3850  | Screw                    | 65 42 1                  |
| 70-3160  | Screw                 | 54 5 8                   | 70-3860  | Washer                   | 64 3 2                   |
| 70-3170  | Nut                   | 56 11 1                  | 70-3870  | Washer                   | 65 40 2                  |
| 70-3180  | Clamp                 | 62 18 3                  | 70-3870  | Washer                   | 68 12 4                  |
| 70-3190  | Clamp                 | 62 19 3                  | 70-3880  | Plate                    | 64 1 2                   |
| 70-3200  | Washer                | 63 50 1                  | 70-3890  | Washer                   | 66 31 2                  |
| 70-3210  | Packing               | 63 48 4                  | 70-3900  | Packing                  | 64 9 2                   |
| 70-3220  | O-Ring                | 57 2 1                   | 70-3910  | Washer                   | 65 25 2                  |
| 70-3230  | Plug                  | 58 14 1                  | 70-3920  | Cover Assembly           | 65 * 1                   |
| 70-3230  | Plug                  | 53 15 1                  | 70-3930  | Gasket                   | 64 5 1                   |
| 70-3240  | Plug                  | 63 51 1                  | 70-3940  | Plate                    | 65 28 2                  |
| 70-3250  | Bolt                  | 63 47 2                  | 70-3950  | Screw                    | 64 10 2                  |
| 70-3260  | Armature Assembly     | 49 12 1                  | 70-3960  | Valve                    | 64 4 1                   |
| 70-3270  | Spring - Brush        | 49 18 4                  | 70-3970  | Plate - 0.6              | 64 17 A/R                |
| 70-3280  | Cover Assembly Front  | 49 6 1                   | 70-3980  | Plate - 0.7              | 64 * A/R                 |
| 70-3290  | Brush Holder Assembly | 49 17 1                  | 70-3990  | Plate - 0.8              | 64 * A/R                 |
| 70-3300  | Yoke Assembly         | 49 19 1                  | 70-4000  | Plate - 0.9              | 64 * A/R                 |
| 70-3310  | Bolt Set              | 49 14 1                  | 70-4010  | Plate - 1.0              | 64 * A/R                 |
| 70-3320  | Bearing               | 50 8 1                   | 70-4020  | Plate - 1.1              | 64 * A/R                 |
| 70-3330  | Bearing               | 49 13 1                  | 70-4030  | Plate - 1.2              | 64 * A/R                 |
| 70-3340  | Connector             | 61 11 1                  | 70-4040  | Plate - 1.3              | 64 * A/R                 |
| 70-3340  | Connector             | 57 34 1                  | 70-4050  | Plate - 1.4              | 64 * A/R                 |
| 70-3350  | Cap                   | 55 11 6                  | 70-4060  | Plate - 0.1              | 64 * A/R                 |
| 70-3360  | Cap                   | 53 16 4                  | 70-4070  | Plate - 0.2              | 64 * A/R                 |
| 70-3370  | Cap                   | 55 25 3                  | 70-4080  | Plate - 0.3              | 64 * A/R                 |
| 70-3380  | Cap                   | 53 19 15                 | 70-4090  | Plate - 0.4              | 64 * A/R                 |
| 70-3390  | Plug                  | 53 17 4                  | 70-4100  | Plate - 0.5              | 64 * A/R                 |
| 70-3400  | Plug                  | 55 6 6                   | 70-4110  | Plate - 0.15             | 64 * A/R                 |
| 70-3410  | Plug                  | 55 13 1                  | 70-4120  | Capsule                  | 66 30 1                  |
| 70-3420  | Clip                  | 57 5 1                   | 70-4130  | Housing                  | 66 3 1                   |
| 70-3430  | Clamp - Hose          | 61 5 3                   | 70-4140  | Stopper                  | 66 27 1                  |
| 70-3440  | Clamp - Hose          | 61 9 1                   | 70-4150  | Gasket                   | 66 6 1                   |
| 70-3450  | V-Belt                | 51 1 1                   | 70-4160  | Gasket                   | 66 1 1                   |
| 70-3460  | Washer                | 62 40 8                  | 70-4170  | Flyweight Assembly       | 67 71 1                  |
| 70-3470  | Washer - Drain Plug   | 58 10 1                  | 70-4180  | Nut                      | 67 69 1                  |
| 70-3480  | Stud                  | 61 4 6                   | 70-4190  | Sleeve                   | 67 68 1                  |
| 70-3490  | Cover                 | 65 41 1                  | 70-4200  | Plate                    | 67 67 1                  |
| 70-3500  | Holder                | 65 50 4                  | 70-4210  | Plate                    | 66 8 1                   |
| 70-3510  | Stopper               | 65 49 4                  | 70-4220  | Swiveling Lever Assembly | 66 12 1                  |
| 70-3520  | Spring                | 65 48 4                  | 70-4230  | Bushing                  | 66 21 2                  |
| 70-3530  | Gasket                | 65 46 4                  | 70-4240  | E-Ring                   | 67 59 1                  |
| 70-3540  | Valve Assembly        | 65 45 4                  | 70-4250  | Tension Lever Assembly   | 66 19 1                  |
| 70-3550  | Element Assembly      | 65 44 4                  | 70-4260  | Adapter Assembly         | 67 * 1                   |
| 70-3560  | Pinion                | 64 12 4                  | 70-4270  | Screw                    | 67 60 1                  |
| 70-3570  | Screw                 | 64 11 4                  | 70-4280  | Spring                   | 67 62 1                  |
| 70-3580  | Sleeve                | 64 13 4                  | 70-4290  | Adapter                  | 67 63 1                  |
| 70-3590  | Seat                  | 64 14 4                  | 70-4300  | Nut                      | 67 58 1                  |
| 70-3600  | Spring                | 64 15 4                  | 70-4310  | Nut                      | 66 32 1                  |
| 70-3610  | Seat                  | 64 16 4                  | 70-4320  | Lever Assembly           | 66 17 1                  |
| 70-3620  | Body                  | 64 19 4                  | 70-4330  | Bushing                  | 66 38 1                  |
| 70-3630  | Tappet Assembly       | 65 * 1                   | 70-4340  | Shackle Assembly         | 66 18 1                  |
| 70-3640  | Pin                   | 64 18 4                  | 70-4350  | Shaft                    | 66 24 1                  |
| 70-3650  | Bushing               | 64 20 4                  | 70-4360  | Plug                     | 66 23 2                  |
| 70-3660  | Roller                | 64 21 4                  | 70-4370  | Spring                   | 66 13 1                  |
| 70-3670  | Plug                  | 64 22 4                  | 70-4380  | Spring                   | 66 16 1                  |
| 70-3680  | Camshaft              | 65 30 1                  | 70-4390  | Screw                    | 67 56 1                  |
| 70-3690  | Ring                  | 64 8 1                   | 70-4400  | Cover                    | 66 25 1                  |
| 70-3700  | Ring                  | 65 38 1                  | 70-4410  | Pin                      | 67 57 1                  |
| 70-3710  | Plate - 0.10          | 64 7 A/R                 | 70-4420  | Bushing                  | 67 53 1                  |
| 70-3720  | Plate - 0.12          | 64 * A/R                 | 70-4430  | Screw                    | 67 73 1                  |
| 70-3730  | Plate - 0.14          | 64 * A/R                 | 70-4440  | Nut                      | 66 33 1                  |
| 70-3740  | Plate - 0.16          | 64 * A/R                 | 70-4450  | Nut                      | 66 34 1                  |
| 70-3750  | Plate - 0.18          | 64 * A/R                 | 70-4460  | Plate                    | 66 45 1                  |
| 70-3760  | Plate - 0.50          | 64 * A/R                 | 70-4470  | Lever                    | 67 55 1                  |
| 70-3770  | Plate - 0.30          | 64 * A/R                 | 70-4480  | Shaft                    | 67 54 1                  |
| 70-3780  | Plate - 0.1           | 65 37 A/R                | 70-4490  | Cup                      | 66 49 1                  |
| 70-3790  | Plate - 0.15          | 65 * A/R                 | 70-4500  | Spring                   | 66 46 1                  |
| 70-3800  | Plate - 0.3           | 65 * A/R                 | 70-4510  | Spring                   | 66 48 1                  |
| 70-3810  | Plate - 0.5           | 65 * A/R                 | 70-4520  | Spring                   | 66 47 1                  |
| 70-3820  | Cover                 | 65 35 1                  | 70-4530  | Cover                    | 66 51 1                  |

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| 70-4540  | Slider                    | 67 64 1                  | 70-5270  | Cover                   | 57 8 1                   |
| 70-4550  | Plate                     | 66 40 1                  | 70-5280  | Sleeve                  | 55 41 4                  |
| 70-4560  | Adjusting Lever Assembly  | 66 43 1                  | 70-5290  | Hanger                  | 55 40 1                  |
| 70-4570  | Stop Lever Assembly       | 66 50 1                  | 70-5300  | Bolt                    | 55 19 10                 |
| 70-4580  | Cap                       | 66 20 1                  | 70-5310  | Fitting - 90° Elbow     | 61 12 1                  |
| 70-4590  | Plug                      | 66 5 1                   | 70-5320  | Pin                     | 55 30 2                  |
| 70-4600  | Housing Assembly          | 68 11 1                  | 70-5330  | Gasket                  | 58 5 1                   |
| 70-4610  | Valve                     | 68 5 2                   | 70-5340  | Valve                   | 55 32 4                  |
| 70-4620  | Spring                    | 68 4 2                   | 70-5350  | Bearing - Main (Std.)   | 55 14 10                 |
| 70-4630  | Gasket                    | 68 3 2                   | 70-5360  | Plate - Thrust (Std.)   | 55 20 3                  |
| 70-4640  | Support                   | 68 20 1                  | 70-5370  | Gasket                  | 52 5 1                   |
| 70-4650  | Pump Assembly             | 68 2 1                   | 70-5380  | Pan - Oil               | 58 7 1                   |
| 70-4660  | Rod, Blue Small Dia.      | 68 19 A/R                | 70-5390  | Gasket                  | 58 6 1                   |
| 70-4670  | Rod, Red Small Dia.       | 68 * A/R                 | 70-5400  | Ring Set - Std.         | 56 23 4                  |
| 70-4680  | Rod, Yellow Small Dia.    | 68 * A/R                 | 70-5410  | Pin                     | 56 21 4                  |
| 70-4690  | Rod, Green Small Dia.     | 68 * A/R                 | 70-5420  | Nut                     | 56 10 8                  |
| 70-4700  | Rod, White Small Dia.     | 68 * A/R                 | 70-5430  | Bearing - Rod (Std.)    | 56 8 8                   |
| 70-4710  | Rod, Brown Big Dia.       | 68 * A/R                 | 70-5440  | Pulley                  | 56 13 1                  |
| 70-4720  | Piston                    | 68 18 1                  | 70-5450  | Idler Assembly          | 52 9 1                   |
| 70-4730  | Tappet                    | 68 7 1                   | 70-5460  | Gasket                  | 59 9 1                   |
| 70-4740  | Roller                    | 68 8 1                   | 70-5470  | Manifold                | 59 10 1                  |
| 70-4750  | Pin                       | 68 10 1                  | 70-5480  | Pipe - Oil              | 61 16 1                  |
| 70-4760  | Block                     | 68 6 2                   | 70-5490  | Pipe - Oil              | 61 15 1                  |
| 70-4770  | Spring                    | 68 17 1                  | 70-5500  | Strainer                | 57 31 1                  |
| 70-4780  | Plug                      | 68 15 1                  | 70-5510  | Gasket                  | 57 19 1                  |
| 70-4790  | Filter                    | 68 13 1                  | 70-5520  | Union                   | 57 22 1                  |
| 70-4800  | Screw                     | 68 14 1                  | 70-5530  | Bracket Assembly        | 57 23 1                  |
| 70-4810  | Body Assembly             | 62 8 4                   | 70-5540  | Oil Filter Assembly     | 57 * 1                   |
| 70-4820  | Pin                       | 62 5 4                   | 70-5550  | Gasket                  | 57 20 1                  |
| 70-4830  | Spring                    | 62 6 4                   | 70-5560  | Gage                    | 58 13 1                  |
| 70-4840  | Nut                       | 62 1 4                   | 70-5570  | Breather                | 53 21 1                  |
| 70-4850  | Washer 2.15 mm            | 62 * A/R                 | 70-5570  | Breather                | 57 1 1                   |
| 70-4860  | Washer 1.00 mm            | 62 7 A/R                 | 70-5580  | Stay                    | 57 6 1                   |
| 70-4870  | Washer 1.05 mm            | 62 * A/R                 | 70-5590  | Connector               | 51 41 1                  |
| 70-4880  | Washer 1.10 mm            | 62 * A/R                 | 70-5600  | Water Pump Assembly     | 51 5 1                   |
| 70-4890  | Washer 1.275 mm           | 62 * A/R                 | 70-5610  | Impeller                | 51 11 1                  |
| 70-4900  | Washer 1.325 mm           | 62 * A/R                 | 70-5620  | Connector               | 51 9 1                   |
| 70-4910  | Washer 1.775 mm           | 62 * A/R                 | 70-5630  | Shaft                   | 51 26 1                  |
| 70-4920  | Washer 0.95 mm            | 62 * A/R                 | 70-5640  | Bracket                 | 51 12 1                  |
| 70-4930  | Packing                   | 62 4 4                   | 70-5650  | Gasket                  | 51 7 1                   |
| 70-4940  | Housing Assembly          | 65 43 1                  | 70-5660  | Gasket                  | 51 17 1                  |
| 70-4950  | Hose - 90° Elbow          | 61 8 1                   | 70-5670  | Stay                    | 51 13 1                  |
| 70-4960  | Clamp - R                 | 61 21 1                  | 70-5680  | Pulley                  | 51 29 1                  |
| 70-4970  | Gasket                    | 61 19 1                  | 70-5690  | Elbow                   | 51 36 1                  |
| 70-4980  | Bolt - Cap Hex Hd.        | 61 2 1                   | 70-5700  | Fuel Feed Pump          | 62 25 1                  |
| 70-4990  | Spring                    | 54 17 8                  | 70-5710  | Fuel Filter Assembly    | 63 * 1                   |
| 70-5000  | Retainer                  | 54 18 8                  | 70-5720  | Bracket                 | 63 49 1                  |
| 70-5010  | Tappet                    | 54 11 8                  | 70-5730  | Filter Element Assembly | 62 38 1                  |
| 70-5020  | Gear - Camshaft           | 52 8 1                   | 70-5740  | Plate                   | 48 2 1                   |
| 70-5020  | Gear - Camshaft           | 54 22 1                  | 70-5750  | Bracket                 | 48 10 1                  |
| 70-5030  | Pipe                      | 57 35 1                  | 70-5760  | Alternator Assembly     | 48 1 1                   |
| 70-5040  | Hose                      | 51 43 1                  | 70-5770  | Lever                   | 62 22 1                  |
| 70-5050  | Cover                     | 51 39 1                  | 70-5780  | Seal                    | 52 13 1                  |
| 70-5060  | Joint                     | 62 27 1                  | 70-5790  | Case                    | 52 4 1                   |
| 70-5070  | O-Ring                    | 62 35 1                  | 70-5800  | Pin                     | 56 7 2                   |
| 70-5080  | Bushing                   | 54 6 8                   | 70-5810  | Plate                   | 56 14 1                  |
| 70-5090  | Gasket                    | 53 20 1                  | 70-5820  | Cone                    | 56 12 1                  |
| 70-5100  | Gasket                    | 57 7 1                   | 70-5830  | Gear - Crankshaft       | 52 12 1                  |
| 70-5110  | Washer                    | 54 31 2                  | 70-5840  | Oil Pump Assembly       | 57 14 1                  |
| 70-5120  | Bolt                      | 57 32 1                  | 70-5850  | Cover                   | 57 18 1                  |
| 70-5130  | Gasket                    | 53 11 1                  | 70-5860  | Starter Assembly        | 48 7 1                   |
| 70-5140  | Plug                      | 53 5 1                   | 70-5870  | Insert - Exhaust        | 53 9 4                   |
| 70-5150  | Rocker Assembly - Intake  | 54 32 4                  | 70-5880  | Insert - Inlet          | 53 10 4                  |
| 70-5160  | Rocker Assembly - Exhaust | 54 27 4                  | 70-5890  | Flange                  | 53 6 1                   |
| 70-5170  | Pipe                      | 54 29 1                  | 70-5900  | Cylinder Head Assembly  | 53 8 1                   |
| 70-5180  | Rocker Shaft Assembly     | 54 8 1                   | 70-5910  | Valve - Inlet           | 54 20 4                  |
| 70-5190  | Spring                    | 54 7 3                   | 70-5920  | Valve - Exhaust         | 54 19 4                  |
| 70-5200  | Bracket                   | 54 33 4                  | 70-5930  | Spring                  | 54 16 8                  |
| 70-5230  | Rod - Push                | 54 10 8                  | 70-5940  | Camshaft                | 54 21 1                  |
| 70-5240  | Seal                      | 55 15 4                  | 70-5950  | Connector               | 55 12 1                  |
| 70-5250  | Plate                     | 55 31 1                  | 70-5960  | Crankcase Assembly      | 55 1 1                   |
| 70-5260  | Gasket                    | 55 39 1                  | 70-5970  | Housing                 | 58 1 1                   |

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| 70-5980  | Piston (Std.)               | 56      | 22       | 4    | 70-6680  | Washer                      | 65      | 34       | 1    |
| 70-5990  | Connecting Rod - Std.       | 56      | 1        | 4    | 70-6690  | Washer                      | 66      | 35       | 2    |
| 70-6000  | Bushing                     | 56      | 2        | 4    | 70-6700  | Washer                      | 68      | 16       | 1    |
| 70-6010  | Bolt                        | 56      | 19       | 8    | 70-6710  | Washer                      | 66      | 4        | 1    |
| 70-6020  | Crankshaft Assembly         | 56      | 18       | 1    | 70-6720  | Stud                        | 65      | 27       | 3    |
| 70-6030  | Flywheel Assembly           | 56      | 4        | 1    | 70-6730  | Bolt                        | 66      | 42       | 1    |
| 70-6040  | Gear - Injection Pump       | 52      | 11       | 1    | 70-6740  | Bolt                        | 66      | 26       | 2    |
| 70-6050  | Manifold                    | 59      | 5        | 1    | 70-6750  | Bolt                        | 66      | 41       | 4    |
| 70-6060  | Gasket                      | 59      | 8        | 1    | 70-6760  | Bolt & Washer               | 66      | 39       | 2    |
| 70-6070  | Pipe                        | 61      | 7        | 1    | 70-6770  | Nut                         | 66      | 36       | 1    |
| 70-6080  | Hose                        | 61      | 6        | 1    | 70-6780  | Nut                         | 65      | 33       | 1    |
| 70-6090  | Elbow                       | 59      | 3        | 1    | 70-6790  | Packing                     | 66      | 28       | 1    |
| 70-6100  | Pipe - No. 2                | 62      | 12       | 1    | 70-6800  | E-Ring                      | 64      | 23       | 4    |
| 70-6110  | Pipe - No. 4                | 62      | 14       | 1    | 70-6810  | E-Ring                      | 66      | 11       | 2    |
| 70-6120  | Pipe                        | 63      | 41       | 1    | 70-6820  | Ring                        | 68      | 9        | 1    |
| 70-6130  | O-Ring                      | 62      | 33       | 1    | 70-6830  | Pin                         | 62      | 3        | 8    |
| 70-6140  | Washer                      | 63      | 43       | 4    | 70-6840  | Bearing                     | 65      | 36       | 1    |
| 70-6150  | Gasket                      | 63      | 45       | 4    | 70-6850  | Bearing                     | 64      | 6        | 2    |
| 70-6160  | Nozzle Assembly             | 63      | 46       | 4    | 70-6860  | Key                         | 66      | 14       | 1    |
| 70-6170  | Nozzle Tip Assembly         | 62      | 2        | 4    | 70-6870  | Key                         | 66      | 2        | 1    |
| 70-6180  | Injection Pump              | 62      | 26       | 1    | 70-6880  | Key                         | 65      | 29       | 1    |
| 70-6190  | Pipe - No. 1                | 62      | 11       | 1    | 70-6890  | O-Ring                      | 66      | 52       | 1    |
| 70-6200  | Pipe - No. 3                | 62      | 13       | 1    | 70-6900  | O-Ring                      | 65      | 26       | 1    |
| 70-6210  | Flange                      | 62      | 34       | 1    | 70-6910  | O-Ring                      | 65      | 47       | 4    |
| 70-6220  | Gland                       | 63      | 44       | 4    | 70-6920  | Seal                        | 66      | 44       | 1    |
| 70-6230  | Coupling Assembly           | 60      | 17       | 1    | 70-6930  | Screw                       | 64      | 24       | 1    |
| 70-6240  | Gasket                      | 61      | 10       | 1    | 70-6940  | Screw                       | 68      | 1        | 1    |
| 70-6250  | Gasket                      | 59      | 11       | 1    | 70-6940  | Screw                       | 65      | 39       | 1    |
| 70-6250  | Gasket                      | 61      | 20       | 1    | 70-6990  | Level Sensing Unit Assembly | 22      | 2        | 1    |
| 70-6260  | Plate                       | 60      | 21       | 1    | 71-0060  | Support - Foam              | 43      | 8        | 1    |
| 70-6270  | O-Ring                      | 60      | 7        | 1    | 71-0170  | Arm - Outer Lift R.H.       | 89      | *        | 1    |
| 70-6280  | Deflector                   | 60      | 9        | 1    | 71-0180  | Arm - Outer Lift L.H.       | 89      | 10       | 1    |
| 70-6290  | Insert                      | 60      | 8        | 1    | 71-0210  | Foam - Radiator Seal        | 44      | 13       | 1    |
| 70-6300  | Ring                        | 60      | 6        | 1    | 71-0220  | Foam - Louver Lower         | 42      | 11       | 1    |
| 70-6310  | Ring                        | 60      | 10       | 1    | 71-0230  | Foam - Louver Middle        | 42      | 7        | 1    |
| 70-6320  | Wheel                       | 60      | 5        | 1    | 71-0240  | Foam - Louver Top           | 42      | 5        | 2    |
| 70-6330  | Nut                         | 60      | 4        | 1    | 71-0250  | Foam - Hood Top             | 43      | 2        | 1    |
| 70-6340  | Cover                       | 60      | 3        | 1    | 71-0260  | Foam - Hood Side L.H.       | 43      | 3        | 1    |
| 70-6350  | Ring                        | 60      | 20       | 1    | 71-0270  | Foam - Hood Side R.H.       | 43      | 1        | 1    |
| 70-6360  | Plate                       | 60      | 2        | 1    | 71-0280  | Foam - Cowl Top             | 42      | 3        | 1    |
| 70-6370  | Bearing                     | 60      | 14       | 2    | 71-0290  | Foam - Cowl Bottom          | 42      | 29       | 1    |
| 70-6380  | Bearing                     | 60      | 12       | 1    | 71-0300  | Foam - Low Front Cowl L.H.  | 42      | 17       | 1    |
| 70-6390  | Ring                        | 60      | 15       | 2    | 71-0310  | Foam - Low Front Cowl R.H.  | 42      | *        | 1    |
| 70-6400  | Ring                        | 60      | 18       | 1    | 71-0320  | Foam - Low Rear Cowl R.H.   | 42      | *        | 1    |
| 70-6410  | Sleeve                      | 60      | 11       | 1    | 71-0330  | Foam - Low Rear Cowl L.H.   | 42      | 30       | 1    |
| 70-6420  | Ring                        | 60      | 13       | 1    | 71-0340  | Foam - Rad. Support L.H.    | 44      | 36       | 1    |
| 70-6430  | Turbocharger Assembly       | 59      | 12       | 1    | 71-0350  | Foam - Rad. Support R.H.    | 44      | 1        | 1    |
| 70-6440  | Cartridge Assembly          | 60      | *        | 1    | 71-0360  | Foam - Rad. Support Top     | 44      | 3        | 1    |
| 70-6450  | Housing                     | 60      | 16       | 1    | 71-0370  | Foam - Lower Rad. Support   | 44      | 34       | 2    |
| 70-6460  | Bearing Housing Assembly    | 60      | 22       | 1    | 71-0380  | Foam - Rad. Support Front   | 44      | 42       | 1    |
| 70-6470  | Shaft & Turbine Wheel Assy. | 60      | 19       | 1    | 71-0390  | Foam - Rad. Support Rear    | 44      | 44       | 1    |
| 70-6480  | Pin                         | 66      | 15       | 1    | 71-0400  | Foam - Side Panel           | 43      | 14       | 2    |
| 70-6490  | Ring                        | 67      | 66       | 1    | 71-0410  | Cover - Abrasive            | 10      | 4        | 1    |
| 70-6500  | O-Ring                      | 66      | 37       | 1    | 71-0420  | Floor - Abrasive            | 28      | 66       | 1    |
| 70-6510  | O-Ring                      | 66      | 22       | 2    | 71-0430  | Cover - Abrasive            | 28      | 64       | 1    |
| 70-6520  | Bolt                        | 66      | 10       | 1    | 71-0440  | Abrasive - Pedal Front      | 9       | 25       | 1    |
| 70-6520  | Bolt & Washer               | 66      | 29       | 3    | 71-0450  | Abrasive - Pedal Rear       | 9       | 29       | 1    |
| 70-6530  | Bolt                        | 66      | 7        | 5    | 71-0470  | Disc - Middle               | 32      | 19       | 4    |
| 70-6540  | Bolt                        | 65      | 32       | 4    | 71-0480  | Suspension Assembly         | 3       | *        | 1    |
| 70-6550  | Bolt                        | 66      | 9        | 1    | 71-0540  | Column - Steering           | 4       | 27       | 1    |
| 70-6560  | Nut                         | 67      | 72       | 2    | 71-2170  | Pin                         | 3       | 22       | 1    |
| 70-6570  | Washer - 0.1                | 67      | 61 A/R   |      | 71-2180  | Bearing                     | 3       | 2        | 4    |
| 70-6580  | Washer - 0.25               | 67      | * A/R    |      | 71-2190  | Pin                         | 3       | 3        | 1    |
| 70-6590  | Washer - 0.5                | 67      | * A/R    |      | 71-2200  | Bracket - Swing Arm         | 3       | 33       | 1    |
| 70-6600  | Washer - 0.2                | 67      | * A/R    |      | 71-2210  | Pin                         | 3       | 13       | 1    |
| 70-6610  | Washer - 0.2                | 67      | 65 A/R   |      | 71-2220  | Pin                         | 3       | 16       | 1    |
| 70-6620  | Washer - 0.3                | 67      | * A/R    |      | 71-2230  | Ring - Snap                 | 3       | 14       | 1    |
| 70-6630  | Washer - 0.4                | 67      | * A/R    |      | 71-2240  | Knob Assembly               | 3       | 15       | 1    |
| 70-6640  | Washer - 0.1                | 67      | * A/R    |      | 71-2250  | Bracket - Spring            | 3       | 18       | 1    |
| 70-6650  | Washer - 1.0                | 67      | * A/R    |      | 71-2260  | Spring                      | 3       | 27       | 2    |
| 70-6660  | Washer - 1.0                | 67      | * A/R    |      | 71-2270  | Nut - Special               | 3       | 23       | 1    |
| 70-6670  | Washer                      | 67      | 70       | 1    | 71-2280  | Band - Weight Indicator     | 3       | 10       | 1    |

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| 71-2290  | Bearing - Tribble           | 3 4 1                    | 74-2700  | Rod - Control               | 9 16 1                   |
| 71-2300  | Bumper                      | 3 9 2                    | 74-2710  | Clamp Half - Hydraulic Line | 89 2 4                   |
| 71-2310  | Plate - Lower Suspension    | 3 8 1                    | 74-2730  | Tube - Clamp                | 89 31 4                  |
| 71-2320  | Pin                         | 3 21 2                   | 74-2750  | Retainer - Clamp            | 89 32 2                  |
| 71-2330  | Ring - Snap                 | 3 19 2                   | 75-0540  | Tether - Cap, Reservoir     | 23 27 1                  |
| 71-2340  | Absorber - Shock            | 3 20 1                   | 75-2080  | Kit - Seal                  | 21 2 2                   |
| 71-2380  | Washer                      | 2 7 2                    | 75-9460  | Bracket - Sealing L.H.      | 42 19 1                  |
| 71-2390  | Rivet - Pop                 | 2 8 2                    | 75-9470  | Bracket - Sealing R.H.      | 42 25 1                  |
| 71-2400  | Assembly - Bumper           | 2 6 2                    | 75-9480  | Bracket - Sealing Bottom    | 42 22 1                  |
| 71-2410  | Plate - Upper Suspension    | 2 5 1                    | 75-9670  | Fork - Castor               | 90 32 8                  |
| 71-2420  | Bellows - Rubber            | 2 12 1                   | 75-9790  | Arm - Pivot                 | 80 10 2                  |
| 71-2430  | Plate - Rear                | 11 16 1                  | 76-0980  | Pipe - Exhaust              | 46 10 1                  |
| 71-2450  | Cover - Access              | 27 24 1                  | 76-1670  | Spring - Extension          | 84 25 1                  |
| 71-2460  | Plate - Control             | 14 5 1                   | 76-1670  | Spring - Extension          | 78 33 1                  |
| 71-2470  | Rim                         | 32 29 2                  | 76-1670  | Spring - Extension          | 81 36 1                  |
| 71-2530  | Bearing Assembly            | 93 6 1                   | 76-1880  | 10 Segmented Tire Assy.     | 94 3 1                   |
| 71-2550  | Washer - Latch Shaft        | 88 9 2                   | 76-1890  | 13 Segmented Tire Assy.     | 94 5 1                   |
| 71-2560  | Support - Bulkhead          | 30 37 2                  | 76-2060  | V-Belt                      | 83 * 1                   |
| 71-2570  | Shaft - Pivot               | 78 3 1                   | 76-2060  | V-Belt                      | 84 * 1                   |
| 71-2580  | Shaft - Lift Arm Pivot      | 85 26 2                  | 76-2060  | V-Belt                      | 91 * 6                   |
| 71-2590  | Shaft - Pivot               | 75 5 1                   | 76-2750  | Hydraulic Hose Assembly     | 81 2 1                   |
| 71-2590  | Shaft - Pivot               | 78 24 1                  | 76-2760  | Hydraulic Hose Assembly     | 81 1 1                   |
| 71-2600  | Tube - Anti - Sway          | 89 11 2                  | 76-2770  | Hydraulic Hose Assembly     | 81 6 1                   |
| 71-2610  | Shaft - Deck Pivot          | 90 15 2                  | 76-4590  | Screw                       | 34 16 6                  |
| 71-2620  | Shaft - Lift Arm Elbow      | 89 23 2                  | 76-4590  | Screw                       | 40 27 6                  |
| 71-2630  | Solenoid Valve Assembly     | 28 * 1                   | 76-4600  | Gasket - Cover              | 40 38 1                  |
| 71-2680  | Hose - Vent                 | 23 31 1                  | 76-4600  | Gasket - Front Cover        | 34 26 1                  |
| 71-2680  | Hose - Vent                 | 45 53 1                  | 76-4610  | Cover                       | 40 33 1                  |
| 71-2690  | Hose - Fuel                 | 70 7 1                   | 76-4610  | Cover - Front               | 34 15 1                  |
| 71-3810  | Coupling - Hydraulic Motor  | 32 34 2                  | 76-8750  | Plate - Caution             | 44 45 2                  |
| 71-3830  | Bellcrank - Brake           | 36 21 2                  | 77-0950  | Washer - Castor             | 90 41 8                  |
| 71-3850  | Cover - Housing             | 36 15 2                  | 77-2830  | Rod - Spring                | 81 44 1                  |
| 71-3860  | Clevis                      | 36 28 2                  | 77-2990  | Cable - Throttle            | 18 8 1                   |
| 71-3870  | Gasket                      | 36 14 2                  | 77-5390  | Tank - Hydraulic            | 23 4 1                   |
| 71-3880  | Clevis - Brake Cable        | 32 15 2                  | 80-0010  | Tank - Fuel                 | 22 11 1                  |
| 71-3880  | Clevis - Brake Cable        | 36 23 2                  | 80-0130  | Cable - Negative            | 72 11 1                  |
| 71-3900  | Gasket                      | 36 25 2                  | 80-0160  | Tray - Battery              | 72 18 1                  |
| 71-3910  | Collar                      | 36 34 2                  | 80-4890  | Decal - Service             | 11 32 1                  |
| 71-3990  | Cap - Brake Housing         | 32 20 2                  | 80-9330  | Alarm - Audio               | 11 3 1                   |
| 71-4010  | Housing - Brake             | 32 13 2                  | 82-2560  | Decal - Belt Routing        | 81 39 1                  |
| 71-4060  | Rod - Brake Latch           | 4 40 1                   | 82-4910  | Roller                      | 83 27 1                  |
| 71-4130  | Support - Control           | 11 17 1                  | 82-4910  | Roller                      | 84 36 1                  |
| 71-4170  | Switch - Toggle             | 14 19 1                  | 82-6330  | Cowl - Radiator, Optional   | 42 * 1                   |
| 71-4200  | Cluster - Warning Light     | 13 6 1                   | 82-7820  | Seat - Brake, Tube          | 36 13 2                  |
| 71-4210  | Cluster - Warning Light     | 13 4 1                   | 82-7830  | Screw - Bleed, Brake        | 36 11 2                  |
| 71-4230  | Panel                       | 13 3 1                   | 82-7840  | Piston - Brake              | 36 7 2                   |
| 71-4250  | Spacer                      | 13 20 2                  | 82-7850  | Spring - Compression        | 36 4 2                   |
| 71-4260  | Decal - H.O.C.              | 91 28 2                  | 82-7900  | Shaft - Arm                 | 89 34 2                  |
| 71-4260  | Decal - H.O.C.              | 82 56 1                  | 82-7930  | Arm - Anti-Sway L.H.        | 89 14 1                  |
| 71-4280  | Sending Unit - Oil Pressure | 47 61 1                  | 82-7940  | Arm - Anti-Sway R.H.        | 89 * 1                   |
| 72-4070  | Decal - Danger              | 33 47 2                  | 82-8170  | Clamp - Hose                | 89 27 6                  |
| 72-4080  | Decal - Danger              | 72 37 1                  | 82-9060  | Track & Latch - Adjustment  | 2 4 1                    |
| 72-4080  | Decal - Danger              | 28 71 2                  | 83-4330  | Assy. - Tube, Traction LH   | 28 82 1                  |
| 72-4310  | Switch - Ball               | 78 11 1                  | 83-4330  | Tube - Hydraulic L.H.       | 32 8 1                   |
| 72-4310  | Switch - Lift               | 85 32 2                  | 83-4340  | Assy. - Tube, Traction RH   | 28 83 1                  |
| 72-9550  | Stud - Fuel Tank            | 22 17 1                  | 83-4340  | Tube - Hydraulic R.H.       | 32 * 1                   |
| 72-9760  | Switch                      | 14 15 2                  | 83-6630  | Shim - Switch               | 1 5 1                    |
| 74-0720  | Tube - Manual               | 2 1 1                    | 83-6640  | Sensor - Switch             | 1 8 1                    |
| 74-2170  | Cylinder - Lift             | 86 43 2                  | 83-6660  | Support - Seat              | 2 11 1                   |
| 74-2180  | Ring - Steel                | 87 9 1                   | 83-6690  | Plate - Seat                | 1 15 1                   |
| 74-2190  | Cushion                     | 87 10 1                  | 83-6700  | Plate - Suspension          | 1 9 1                    |
| 74-2200  | Head                        | 87 4 1                   | 83-8350  | Fitting - Traction, L.H.    | 27 20 1                  |
| 74-2210  | Piston                      | 87 12 1                  | 83-8360  | Fitting - Traction, R.H.    | 28 73 1                  |
| 74-2220  | Collar                      | 87 2 1                   | 83-8370  | Plate - Clamp               | 28 74 1                  |
| 74-2230  | Shaft/Clevis                | 87 1 1                   | 85-4750  | Display - Diagnostic        | 12 2 1                   |
| 74-2270  | Fitting - Suction           | 25 23 1                  | 85-6140  | Spring                      | 1 16 1                   |
| 74-2340  | Decal - Fuse                | 14 22 1                  | 85-6150  | Tube - Hyd. R.H. Branch     | 32 * 1                   |
| 74-2510  | Tube - Hydraulic L.H.       | 7 13 1                   | 85-6150  | Tube - Hydraulic            | 27 30 1                  |
| 74-2520  | Tube - Hydraulic R.H.       | 7 14 1                   | 85-6160  | Pin - Spring                | 1 10 1                   |
| 74-2530  | Tube - Hydraulic            | 7 11 1                   | 85-6190  | Link - Deck Tilt            | 27 1 1                   |
| 74-2660  | Hose - Hydraulic Return     | 24 34 1                  | 85-6210  | Bracket - Rear Eng. Mount   | 46 37 2                  |
| 74-2680  | Bracket - Bulkhead          | 86 45 1                  | 85-6230  | Assembly - Solenoid Valve   | 71 * 1                   |

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| 85-6230  | Solenoid - Engine Run       | 46 45 1                  | 92-9735  | Screw - Cap                  | 5 19 7                   |
| 85-6260  | Level Sensing Unit          | 23 3 1                   | 92-9749  | Seal Kit                     | 5 * 1                    |
| 85-6280  | Spring - Return             | 71 3 1                   | 92-9800  | Spacer - Spindle             | 93 11 1                  |
| 85-6290  | Boot - Rubber               | 71 2 1                   | 93-0307  | Nut - Retainer               | 76 53 2                  |
| 85-6300  | Assembly - Plunger          | 71 1 1                   | 93-0309  | Washer                       | 75 25 2                  |
| 86-7350  | Seal Repair Kit             | 79 * 1                   | 93-0310  | Spindle - Wheel R.H.         | 75 * 1                   |
| 86-7350  | Seal Repair Kit             | 87 * 1                   | 93-0311  | Spindle - Wheel L.H.         | 75 17 1                  |
| 86-7410  | Plate - Gage                | 13 5 1                   | 93-1397  | Valve - Flow Control         | 78 46 1                  |
| 86-7480  | Spring - Compression        | 81 48 1                  | 93-3102  | Cap - Fuel                   | 22 10 1                  |
| 86-8100  | Joint - Ball                | 88 19 2                  | 93-3103  | Cap - Hydraulic              | 23 36 1                  |
| 86-8100  | Joint - Ball                | 78 37 2                  | 93-3219  | Pump Drive Shaft Assembly    | 38 * 1                   |
| 86-8101  | Joint - Ball                | 88 22 2                  | 93-3681  | Cover                        | 53 1 1                   |
| 88-6760  | Spring - Gas                | 43 19 2                  | 93-3682  | Gasket                       | 53 2 1                   |
| 88-6770  | Stud - Ball                 | 43 18 2                  | 93-4363  | Motor - Hydraulic            | 81 11 1                  |
| 88-6770  | Stud - Ball                 | 45 56 2                  | 93-4363  | Motor - Hydraulic            | 91 13 2                  |
| 88-9190  | Solenoid Coil Assembly      | 73 23 3                  | 93-4382  | Bracket - Muffler            | 46 18 1                  |
| 88-9260  | Bracket - Roller RH         | 84 38 1                  | 93-7037  | Bracket - Switch, Lever      | 7 22 1                   |
| 88-9270  | Bracket - Roller LH         | 83 29 1                  | 93-7037  | Bracket - Switch, Lever      | 37 35 1                  |
| 88-9360  | Hose - Hydraulic            | 91 8 4                   | 93-7036  | Switch - Waterproof          | 7 28 1                   |
| 88-9370  | Hose - Hydraulic            | 91 9 2                   | 93-7038  | Bracket - Switch             | 28 77 1                  |
| 88-9420  | Wire Harness Assembly       | 11 * 1                   | 93-7039  | Bracket - Service Brake      | 7 21 1                   |
| 88-9430  | Decal - Fuse                | 11 5 1                   | 93-7176  | Fitting - 45° ORFS           | 33 48 2                  |
| 88-9450  | Bracket - Hood Cylinder     | 44 37 2                  | 93-7177  | Tube - Hydraulic, LH         | 33 48 1                  |
| 92-1179  | Cushion - Seat              | 1 17 1                   | 93-7177  | Assy. - Tube, Traction L.H.  | 27 19 1                  |
| 92-1180  | Assembly - Seat             | 1 1 1                    | 93-7178  | Assy. - Tube, Traction R.H.  | 27 21 1                  |
| 92-1654  | Castor Wheel Assembly       | 90 30 8                  | 93-7178  | Tube - Hydraulic, RH         | 33 * 1                   |
| 92-1654  | Castor Wheel Assembly       | 80 12 2                  | 93-7179  | Tube - Hydraulic             | 30 27 1                  |
| 92-1741  | Tube - Hydraulic            | 32 42 1                  | 93-7187  | Yoke - Engine End            | 37 8 1                   |
| 92-1742  | Tube - Hydraulic            | 24 40 1                  | 93-7188  | Shaft - Slip Yoke            | 37 6 1                   |
| 92-1742  | Tube - Hydraulic L.H.       | 32 12 1                  | 93-7189  | Yoke - Pump End              | 37 3 1                   |
| 92-1753  | Coupling - Spring Centering | 46 26 1                  | 93-7190  | Kit - Universal Joint        | 37 7 2                   |
| 92-1771  | Board - Instrument          | 13 16 1                  | 93-7191  | Tube - Slip Yoke             | 37 4 1                   |
| 92-1772  | Hood Assembly               | 43 4 1                   | 93-7192  | Hose - Hydraulic Diagnostic  | 21 25 1                  |
| 92-1792  | Repair Kit                  | 77 * 1                   | 93-7192  | Hose - Hydraulic Diagnostic  | 28 81 1                  |
| 92-2351  | Fitting - Tank Return       | 24 36 1                  | 93-7193  | Hose - Diagnostic            | 28 70 1                  |
| 92-2352  | Hose - Hydraulic            | 24 35 1                  | 93-7417  | Gasket                       | 36 33 2                  |
| 92-2362  | Castor Wheel Assembly       | 80 23 2                  | 93-7418  | Cap - Actuator               | 36 36 2                  |
| 92-3047  | Valve - Solenoid            | 28 62 1                  | 93-7422  | Hose - Hydraulic             | 27 11 1                  |
| 92-3048  | Solenoid Coil Kit           | 28 54 3                  | 93-7422  | Hose - Hydraulic Diagnostic  | 29 5 1                   |
| 92-3049  | Valve Seal Kit              | 28 * 1                   | 93-7423  | Hose - Hydraulic Diagnostic  | 29 9 2                   |
| 92-3071  | Spool - Solenoid Valve      | 73 25 3                  | 93-7423  | Hose - Diagnostic            | 73 44 2                  |
| 92-4087  | Decal - Diagnostic V2.0     | 12 1 1                   | 93-7424  | Hose - Diagnostic            | 28 69 1                  |
| 92-4094  | Roller - Latch              | 88 16 4                  | 93-7424  | Hose - Hydraulic             | 37 50 1                  |
| 93-4382  | Bracket - Muffler           | 46 18 1                  | 93-7425  | Hose - Hydraulic Diagnostic  | 29 10 1                  |
| 92-4804  | Block - Latch Pivot         | 88 11 2                  | 93-7426  | Tube - Hydraulic             | 27 39 1                  |
| 92-4805  | Cam - Spring Trip           | 88 21 2                  | 93-7426  | Tube - Hydraulic             | 78 44 1                  |
| 92-4806  | Pin - Latch                 | 78 30 1                  | 93-7427  | Tube - Hydraulic             | 78 47 1                  |
| 92-4806  | Pin - Latch                 | 88 13 8                  | 93-7634  | Cover - Front                | 92 4 1                   |
| 92-4807  | Tube - Hyd. R.H. Run        | 32 * 1                   | 93-7637  | Key - Square                 | 92 13 1                  |
| 92-4807  | Tube - Hydraulic            | 24 4 1                   | 93-7639  | Cover - Rear                 | 92 11 1                  |
| 92-4967  | Tube - Hydraulic            | 27 9 1                   | 93-7640  | Section - Center             | 92 9 1                   |
| 92-4967  | Tube - Hydraulic            | 21 17 1                  | 93-7641  | Gear - Drive                 | 92 12 1                  |
| 92-4970  | Hose - Hydraulic            | 23 37 1                  | 93-7642  | Gear - Driven                | 92 10 1                  |
| 92-4970  | Hose - Hydraulic            | 28 80 1                  | 93-8457  | Hex. - Belt - Deck Drive     | 82 * 1                   |
| 92-4971  | Hydraulic Cylinder Assembly | 78 7 2                   | 93-8493  | Kit - Seal                   | 92 * 1                   |
| 92-4997  | Cable - Positive            | 72 12 1                  | 92-9748  | Valve - Power Steering       | 4 28 1                   |
| 92-5720  | Controller                  | 11 22 1                  | 213-31   | Cover - Steering Wheel       | 4 8 1                    |
| 93-7193  | Hose - Hydraulic Diagnostic | 29 7 1                   | 217-116  | Rim                          | 75 23 2                  |
| 92-7301  | Spacer                      | 1 19 2                   | 218-242  | Switch - Brake               | 7 25 1                   |
| 92-8003  | Housing - Actuator, R.H.    | 36 12 1                  | 218-243  | Fitting - Tee                | 7 12 1                   |
| 92-8004  | Housing - Actuator, L.H.    | 36 * 1                   | 218-446  | Nut - Hex                    | 14 9 1                   |
| 92-8661  | Tab                         | 11 34 3                  | 218-447  | Washer - Lock                | 14 8 1                   |
| 92-8662  | Spacer                      | 89 33 4                  | 218-498  | Nut                          | 13 18 2                  |
| 92-8663  | Plate - Clamp               | 89 28 2                  | 218-498  | Nut - Hex                    | 14 7 10                  |
| 92-8664  | Lift Arm Assembly L.H.      | 89 25 1                  | 218-533  | Lens - Indicator Light (Red) | 4 7 1                    |
| 92-8664  | Lift Arm Assembly L.H.      | 85 33 1                  | 218-535  | Nut - Hex.                   | 4 24 3                   |
| 92-8665  | Lift Arm Assembly R.H.      | 85 * 1                   | 218-536  | Washer - Lock                | 4 23 3                   |
| 92-8665  | Lift Arm Assembly R.H.      | 89 * 1                   | 218-562  | Lens - Indicator Light       | 4 11 2                   |
| 92-8753  | Catch - Magnetic            | 1 6 1                    | 218-573  | Fuse - 5A                    | 11 * 1                   |
| 92-9701  | Shaft - Cruise Control      | 9 3 1                    | 218-581  | Fuse - 15A                   | 11 33 6                  |
| 92-9730  | Cap - End                   | 5 18 1                   | 219-17   | Bulb - Light                 | 13 9 8                   |
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| 231-140  | Tire - (Optional) | 32 * 2                   | 237-116  | Seal - O-Ring            | 25 9 1                   |
| 232-27   | Stem - Valve      | 75 29 2                  | 237-146  | Seal - O-Ring            | 32 5 4                   |
| 233-17   | Knob              | 4 3 1                    | 237-146  | Seal - O-Ring            | 73 14 1                  |
| 233-42   | Knob              | 19 3 3                   | 237-146  | Seal - O-Ring            | 37 19 3                  |
| 233-48   | Knob              | 18 3 1                   | 237-154  | Seal - O-Ring            | 70 10 1                  |
| 233-66   | Knob              | 14 10 1                  | 237-155  | Seal - O-Ring            | 24 20 1                  |
| 237-21   | Seal - O-Ring     | 32 3 2                   | 237-156  | Seal - O-Ring            | 21 13 8                  |
| 237-21   | Seal - O-Ring     | 21 6 2                   | 237-156  | Seal - O-Ring            | 73 30 30                 |
| 237-21   | Seal - O-Ring     | 30 29 4                  | 237-157  | Seal - O-Ring            | 23 16 1                  |
| 237-21   | Seal - O-Ring     | 76 52 4                  | 237-158  | Seal - O-Ring            | 32 21 4                  |
| 237-21   | Seal - O-Ring     | 28 58 3                  | 237-164  | Grommet                  | 30 7 1                   |
| 237-22   | Seal - O-Ring     | 27 32 7                  | 237-174  | O-Ring                   | 36 9 2                   |
| 237-22   | Seal - O-Ring     | 81 7 1                   | 237-175  | O-Ring                   | 36 6 2                   |
| 237-22   | Seal - O-Ring     | 78 8 9                   | 240-2    | Grommet                  | 30 6 2                   |
| 237-22   | Seal - O-Ring     | 91 10 2                  | 240-3    | Grommet                  | 85 8 4                   |
| 237-22   | Seal - O-Ring     | 19 14 9                  | 240-4    | Grommet                  | 27 6 6                   |
| 237-22   | Seal - O-Ring     | 44 17 2                  | 240-4    | Grommet                  | 85 18 10                 |
| 237-22   | Seal - O-Ring     | 85 19 14                 | 240-5    | Grommet                  | 27 28 2                  |
| 237-22   | Seal - O-Ring     | 21 21 7                  | 240-6    | Grommet                  | 30 31 4                  |
| 237-22   | Seal - O-Ring     | 23 21 2                  | 240-7    | Grommet                  | 30 32 1                  |
| 237-22   | Seal - O-Ring     | 4 37 4                   | 240-7    | Grommet                  | 28 47 4                  |
| 237-22   | Seal - O-Ring     | 75 45 6                  | 240-8    | Grommet                  | 89 30 4                  |
| 237-22   | Seal - O-Ring     | 47 56 2                  | 2410-10  | Plug - Button            | 28 72 1                  |
| 237-22   | Seal - O-Ring     | 41 64 1                  | 2410-73  | Pin - Tether             | 23 35 1                  |
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| 237-30   | Seal - O-Ring     | 27 8 3                   | 2411-41  | End - Rod                | 46 52 2                  |
| 237-30   | Seal - O-Ring     | 24 13 2                  | 2412-3   | Clamp - Hose             | 23 15 1                  |
| 237-30   | Seal - O-Ring     | 37 17 2                  | 2412-6   | Clamp - Hose             | 70 2 2                   |
| 237-30   | Seal - O-Ring     | 21 22 2                  | 2412-6   | Clamp - Hose             | 44 6 1                   |
| 237-37   | Bumper - Rubber   | 72 34 4                  | 2412-6   | Clamp - Hose             | 22 15 1                  |
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| 237-42   | Seal - O-Ring     | 73 7 1                   | 2412-39  | Clamp                    | 72 39 1                  |
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| 237-42   | Seal - O-Ring     | 37 23 1                  | 2412-41  | Clamp                    | 72 38 2                  |
| 237-42   | Seal - O-Ring     | 19 24 5                  | 2412-41  | Clamp - R                | 44 38 1                  |
| 237-42   | Seal - O-Ring     | 21 27 6                  | 2412-41  | Clamp - R                | 47 59 2                  |
| 237-42   | Seal - O-Ring     | 86 42 4                  | 2412-42  | Clamp - Hose             | 25 11 4                  |
| 237-42   | Seal O-Ring       | 81 9 1                   | 2412-42  | Clamp - Hose             | 23 13 4                  |
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| 237-58   | Seal - O-Ring     | 25 2 2                   | 2412-70  | Clamp - R                | 46 3 1                   |
| 237-58   | Seal - O-Ring     | 81 3 2                   | 2412-73  | Clamp - R                | 72 7 3                   |
| 237-58   | Seal - O-Ring     | 24 7 1                   | 2412-73  | Clamp - R                | 47 69 1                  |
| 237-58   | Seal - O-Ring     | 32 7 7                   | 2412-89  | Clamp - R                | 22 9 1                   |
| 237-58   | Seal - O-Ring     | 73 10 8                  | 2412-92  | Clamp - Hose             | 24 9 4                   |
| 237-58   | Seal - O-Ring     | 37 21 3                  | 2412-92  | Clamp - Hose             | 44 11 4                  |
| 237-65   | Seal - O-Ring     | 24 3 2                   | 2412-108 | Clamp - Hose             | 70 6 1                   |
| 237-65   | Seal - O-Ring     | 91 7 4                   | 2412-108 | Clamp - Hose             | 23 32 2                  |
| 237-65   | Seal - O-Ring     | 27 18 6                  | 2412-108 | Clamp - Hose             | 45 52 2                  |
| 237-65   | O-Ring            | 33 49 2                  | 2412-110 | Clamp - Hose             | 46 16 3                  |
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| 237-78   | Seal - O-Ring     | 27 13 5                  | 2412-133 | Clamp                    | 2 2 2                    |
| 237-78   | Seal - O-Ring     | 21 8 3                   | 2412-147 | Clamp - R                | 44 48 1                  |
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| 237-78   | Seal - O-Ring     | 73 41 2                  | 251-259  | Bearing - Neutral Detent | 37 41 1                  |
| 237-78   | Seal - O-Ring     | 75 43 4                  | 251-321  | Bearing - Ball           | 94 1 2                   |
| 237-78   | Seal - O-Ring     | 21 4 2                   | 251-321  | Bearing - Castor         | 80 14 4                  |
| 237-79   | Seal - O-Ring     | 19 12 2                  | 251-321  | Bearing - Castor         | 80 22 4                  |
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| 237-79   | Seal - O-Ring     | 21 24 2                  | 251-332  | Spacer - Bearing         | 90 28 8                  |
| 237-79   | Seal - O-Ring     | 73 32 4                  | 251-332  | Spacer - Inner           | 94 4 1                   |
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| 237-81   | Seal - O-Ring     | 37 15 1                  | 254-92   | Cone - Bearing Outer     | 75 21 2                  |
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| 256-156  | Bushing - Flange      | 9 30 2                   | 321-11   | Screw - Cap Hex. Hd. | 28 65 2                  |
| 256-172  | Bearing - Sleeve      | 88 15 8                  | 321-15   | Screw - Cap Hex. Hd. | 89 3 4                   |
| 256-188  | Bushing - Sleeve      | 84 6 1                   | 321-15   | Screw - Cap Hex. Hd. | 30 18 2                  |
| 256-188  | Bushing - Sleeve      | 81 22 1                  | 322-3    | Screw - Cap Hex. Hd. | 7 5 2                    |
| 256-247  | Bushing - Flange      | 6 1 4                    | 322-5    | Screw - Cap Hex. Hd. | 72 27 1                  |
| 256-247  | Bushing - Flange      | 28 46 2                  | 322-5    | Screw - Cap Hex. Hd. | 44 39 1                  |
| 256-273  | Bushing - Flange      | 9 28 1                   | 322-6    | Screw - Cap Hex. Hd. | 44 40 4                  |
| 256-304  | Washer - Thrust       | 89 6 8                   | 322-11   | Screw - Cap Hex. Hd. | 85 1 1                   |
| 256-304  | Washer - Thrust       | 75 7 6                   | 322-11   | Screw - Cap Hex. Hd. | 72 30 1                  |
| 256-304  | Washer - Thrust       | 78 28 2                  | 322-12   | Screw - Cap Hex. Hd. | 30 9 4                   |
| 256-304  | Washer - Thrust       | 85 29 4                  | 322-12   | Screw - Cap Hex. Hd. | 24 44 3                  |
| 256-304  | Washer - Thrust       | 90 40 4                  | 322-13   | Screw - Cap Hex. Hd. | 47 76 1                  |
| 256-305  | Washer - Thrust       | 83 16 2                  | 322-17   | Screw - Cap Hex. Hd. | 37 39 1                  |
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| 283-1    | Pin - Clevis          | 7 24 1                   | 323-4    | Screw - Cap Hex. Hd. | 72 21 4                  |
| 283-2    | Pin - Clevis          | 32 16 2                  | 323-4    | Screw - Cap Hex. Hd. | 43 25 2                  |
| 283-2    | Pin - Clevis          | 36 24 2                  | 323-4    | Screw - Cap Hex. Hd. | 24 28 3                  |
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| 2812-4   | Fitting - Reducer     | 44 15 2                  | 323-6    | Screw - Cap Hex. Hd. | 25 18 4                  |
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| 302-2    | Fitting - Grease      | 78 2 4                   | 323-6    | Screw - Cap Hex. Hd. | 84 19 3                  |
| 302-2    | Fitting - Grease      | 84 4 1                   | 323-6    | Screw - Cap Hex. Hd. | 43 23 4                  |
| 302-2    | Fitting - Grease      | 89 4 4                   | 323-6    | Screw - Cap Hex. Hd. | 9 31 1                   |
| 302-2    | Fitting - Grease      | 37 5 1                   | 323-6    | Screw - Cap Hex. Hd. | 72 32 4                  |
| 302-2    | Fitting - Grease      | 90 13 2                  | 323-6    | Screw - Cap Hex. Hd. | 47 60 1                  |
| 302-2    | Fitting - Grease      | 81 20 1                  | 323-7    | Screw - Cap Hex. Hd. | 37 51 2                  |
| 302-2    | Fitting - Grease Str. | 93 1 1                   | 323-7    | Screw - Cap Hex. Hd. | 25 4 8                   |
| 302-5    | Fitting - Grease      | 77 1 1                   | 323-7    | Screw - Cap Hex. Hd. | 7 7 3                    |
| 302-5    | Fitting - Grease      | 94 2 1                   | 323-7    | Screw - Cap Hex. Hd. | 4 16 4                   |
| 302-5    | Fitting - Grease      | 6 3 2                    | 323-7    | Screw - Cap Hex. Hd. | 83 31 3                  |
| 302-5    | Fitting - Grease      | 79 13 3                  | 323-7    | Screw - Cap Hex. Hd. | 84 39 3                  |
| 302-5    | Fitting - Grease      | 75 15 3                  | 323-7    | Screw - Cap Hex. Hd. | 44 41 4                  |
| 302-5    | Fitting - Grease      | 87 15 2                  | 323-8    | Screw - Cap Hex. Hd. | 72 13 2                  |
| 302-5    | Fitting - Grease      | 88 18 2                  | 323-9    | Screw - Cap Hex. Hd. | 1 22 2                   |
| 302-5    | Fitting - Grease      | 89 22 2                  | 323-10   | Screw - Cap Hex. Hd. | 23 5 4                   |
| 302-5    | Fitting - Grease      | 80 27 6                  | 323-15   | Screw - Cap Hex. Hd. | 80 17 16                 |
| 302-5    | Fitting - Grease      | 81 33 4                  | 323-15   | Screw - Cap Hex. Hd. | 90 23 32                 |
| 302-5    | Fitting - Grease      | 90 34 16                 | 323-15   | Screw - Cap Hex. Hd. | 86 44 2                  |
| 302-5    | Fitting - Grease      | 78 40 2                  | 323-21   | Screw - Cap Hex. Hd. | 22 6 1                   |
| 302-5    | Fitting - Grease      | 28 48 1                  | 323-34   | Screw - Cap Hex. Hd. | 44 8 7                   |
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| 321-2    | Screw - Cap Hex. Hd.  | 42 4 16                  | 325-7    | Screw - Cap Hex. Hd. | 37 12 2                  |
| 321-2    | Screw - Cap Hex. Hd.  | 6 10 1                   | 325-7    | Screw - Cap Hex. Hd. | 81 16 1                  |
| 321-2    | Screw - Cap Hex. Hd.  | 36 17 8                  | 325-7    | Screw - Cap Hex. Hd. | 33 46 4                  |
| 321-2    | Screw - Cap Hex. Hd.  | 23 26 1                  | 325-8    | Screw - Cap Hex. Hd. | 84 8 1                   |
| 321-3    | Screw - Cap Hex. Hd.  | 72 3 3                   | 325-8    | Screw - Cap Hex. Hd. | 81 24 1                  |
| 321-3    | Screw - Cap Hex. Hd.  | 9 6 4                    | 325-15   | Screw - Cap Hex. Hd. | 80 6 4                   |
| 321-3    | Screw - Cap Hex. Hd.  | 18 10 3                  | 325-17   | Screw - Cap Hex. Hd. | 46 43 4                  |
| 321-3    | Screw - Cap Hex. Hd.  | 11 14 4                  | 325-20   | Screw - Cap Hex. Hd. | 90 3 8                   |
| 321-4    | Screw - Cap Hex. Hd.  | 6 5 1                    | 327-17   | Screw Cap Hex. Hd.   | 90 26 8                  |
| 321-4    | Screw - Cap Hex. Hd.  | 37 42 2                  | 327-22   | Screw - Cap Hex. Hd. | 32 27 16                 |
| 321-4    | Screw - Cap Hex. Hd.  | 46 51 2                  | 327-24   | Screw Cap Hex. Hd.   | 80 15 2                  |
| 321-5    | Screw - Cap Hex. Hd.  | 23 10 10                 | 327-25   | Screw - Cap Hex. Hd. | 80 20 2                  |
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| 321-6    | Screw - Cap Hex. Hd.  | 46 38 3                  | 328-8    | Screw - Cap Hex. Hd. | 85 36 4                  |
| 321-9    | Screw - Cap Hex. Hd.  | 30 22 6                  | 328-10   | Screw - Cap Hex. Hd. | 78 21 2                  |
| 321-9    | Screw - Cap Hex. Hd.  | 28 43 2                  | 328-10   | Screw - Cap Hex. Hd. | 85 37 2                  |

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| 328-24   | Screw - Cap Hex. Hd.    | 86 58 4                  | 3253-3   | Washer - Lock   | 23 9 10                  |
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| 3217-7   | Nut - Hex.              | 37 34 1                  | 3253-7   | Washer - Lock   | 37 13 2                  |
| 3217-7   | Nut - Lock              | 9 1 1                    | 3253-7   | Washer - Lock   | 25 21 8                  |
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