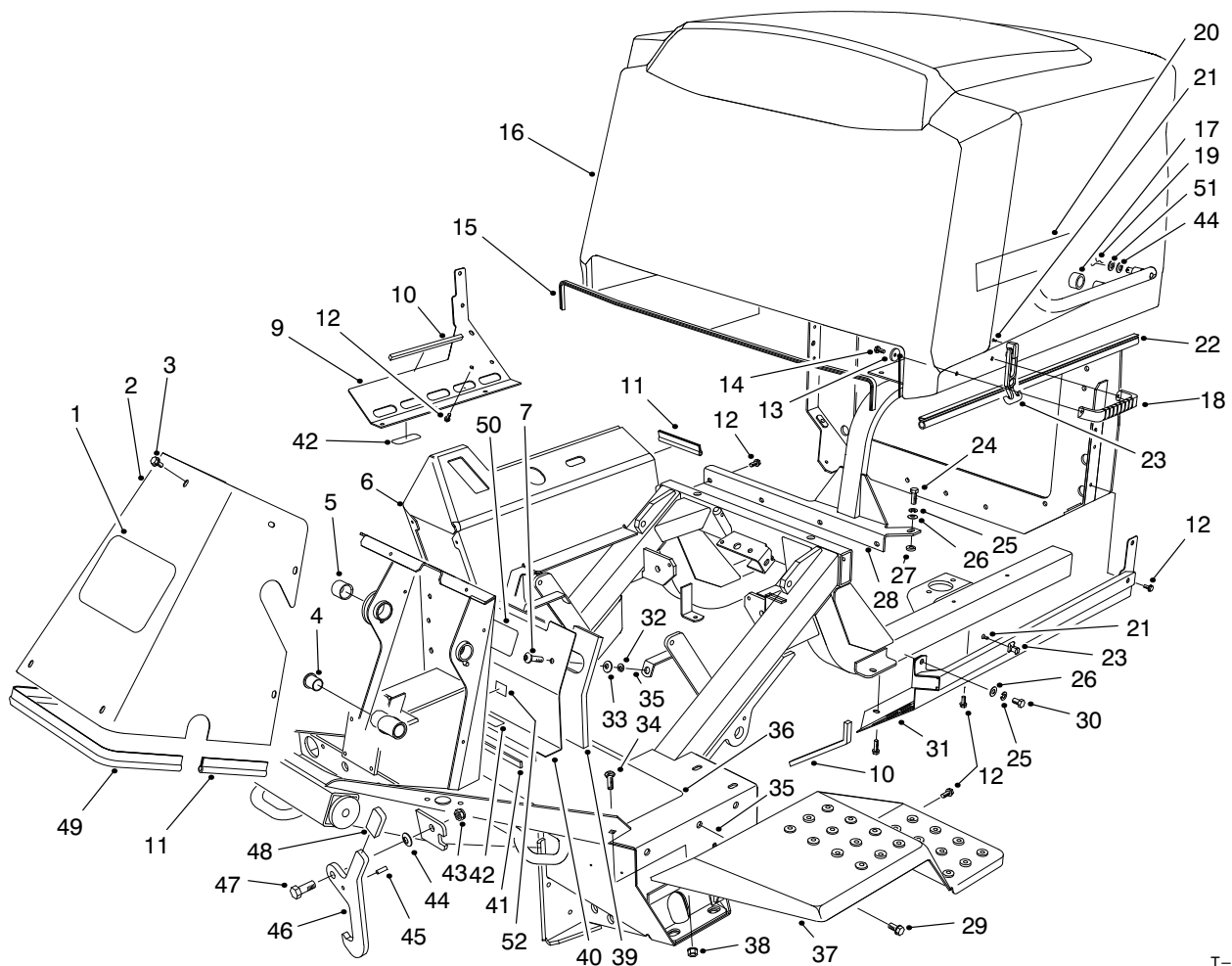
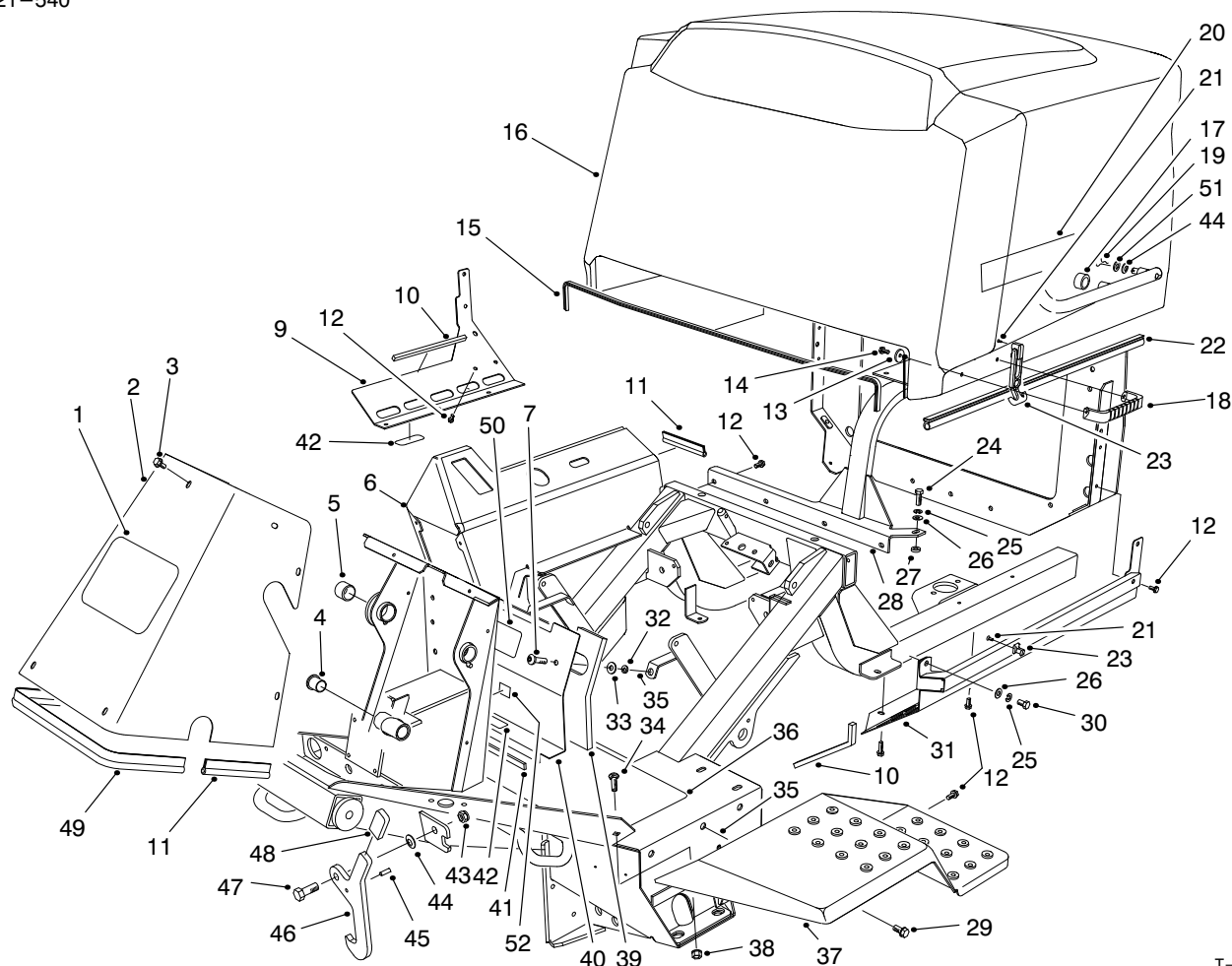


**TORO®****MODEL NO. 30455TS-80001 & UP****PARTS  
CATALOG****GROUNDMASTER® 455D 4WD  
TRACTION UNIT**

T-1512-3

**FRAME & BODY ASSEMBLY**

| Ref. No. | Part No. | Description                               | No. Used | Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------------------------|----------|----------|----------|-------------------------|----------|
| 1        | 62-7400  | Decal - TORO                              | 1        | 17       | 94-5613  | Stop - Rubber           | 2        |
| 2        | 76-9700  | Cover - Tower                             | 1        | 18       | 65-5100  | Handle - Hood           | 1        |
| 3        | 46-6810  | Screw - Hex. Washer Hd.                   | 9        | 19       | 3290-467 | Pin - Cotter, Hair      | 2        |
| 4        | 256-10   | Bushing - Flange                          | 2        | 20       | 84-1460  | Decal - GM 455D         | 2        |
| 5        | 256-237  | Bushing - Sleeve                          | 1        | 21       | 3290-359 | Screw - Round Hd.       | 3        |
| 6        | 84-1080  | Frame Assembly<br>(Incl. Ref # 4, 5 & 35) | 1        | 22       | 94-5617  | Seal - Strip, Hood      | 2        |
| 7        | 3250-36  | Screw - Phillips Pan Hd.                  | 2        | 23       | 94-5626  | Latch - Draw            | 1        |
| 9        | 94-5601  | Support - Tank, Lower                     | 1        | 24       | 323-6    | Screw - Cap Hex. Hd.    | 1        |
| 10       | 68-7573  | Seal - Shroud                             | 2        | 25       | 3253-21  | Washer - Lock           | 2        |
| 11       | 76-6360  | Strip - Seal                              | 2        | 26       | 3256-24  | Washer - Flat           | 2        |
| 12       | 32144-11 | Screw - Hex. Washer Hd.                   | 17       | 27       | 80-7730  | Spacer                  | 1        |
| 13       | 3256-78  | Washer - Flat                             | 2        | 28       | 93-7236  | Air Cleaner Support Asm | 1        |
| 14       | 46-8091  | Screw - Hex. Washer Hd.                   | 2        | 29       | 74-4090  | Tread - Foot Rest       | 1        |
| 15       | 94-5618  | Trim - Fire Wall                          | 1        | 30       | 323-4    | Screw - Cap Hex. Hd.    | 1        |
| 16       | 93-7798  | Hood<br>(Incl. Ref. #15, 20 & 22)         | 1        | 31       | 94-5609  | Cover Asm - Hood, Lower | 1        |
|          |          |                                           |          | 32       | 32151-72 | Ring - Retaining        | 2        |
|          |          |                                           |          | 33       | 3256-3   | Washer - Flat           | 2        |

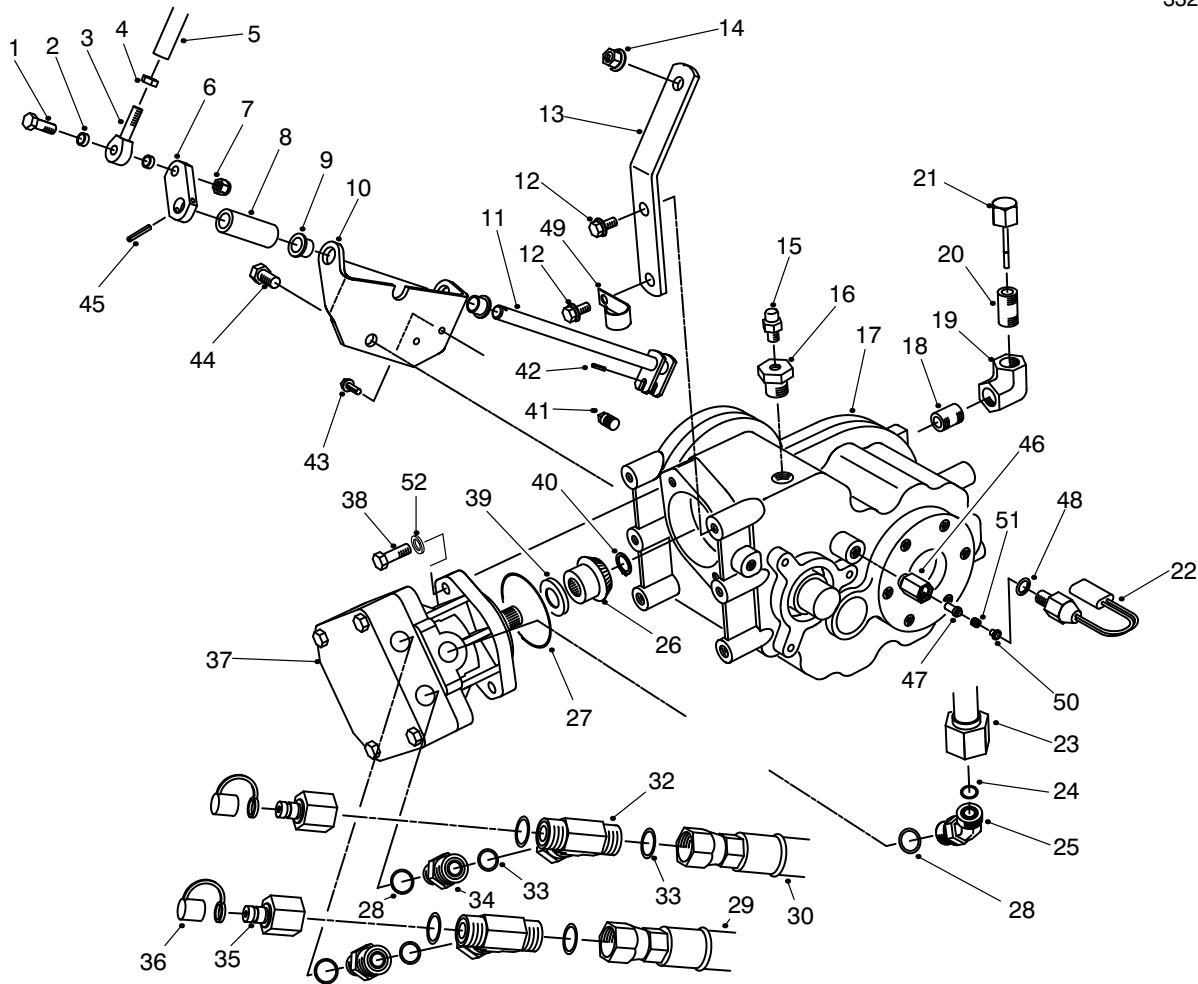


T-1512-3

## FRAME & BODY ASSEMBLY (Continued)

| Ref. No. | Part No. | Description               | No. Used | Ref. No. | Part No. | Description          | No. Used |
|----------|----------|---------------------------|----------|----------|----------|----------------------|----------|
| 34       | 3231-22  | Bolt - Carriage           | 2        | 43       | 3296-25  | Nut - Lock           | 2        |
| 35       | 32148-10 | Insert - Threaded         | 10       | 44       | 3290-483 | Washer - Belleville  | 4        |
| 36       | 3234-12  | Screw - Hex. Washer Hd.   | 7        | 45       | 32121-36 | Pin - Roll           | 2        |
| 37       | 76-9300  | Fender L.H.               | 1        | 46       | 93-7203  | Latch - Lockup       | 2        |
| *        | 76-9340  | Fender R.H.               | 1        | 47       | 325-5    | Screw - Cap Hex. Hd. | 2        |
| 38       | 3290-357 | Nut - Flange              | 2        | 48       | 48-7081  | Sleeve               | 2        |
| 39       | 88-1310  | Foam - Cover              | 1        | 49       | 76-6361  | Strip - Seal         | 1        |
| 40       | 88-1300  | Cover - Seat Front        | 1        | 50       | 93-9425  | Decal - Danger       | 1        |
| 41       | 76-6380  | Strip - Seal Access Panel | 1        | 51       | 83-1470  | Washer - Neoprene    | 2        |
| 42       | 93-6697  | Decal - Oil               | 2        | 52       | 93-7252  | Decal - CE           | 1        |

\*Not Illustrated

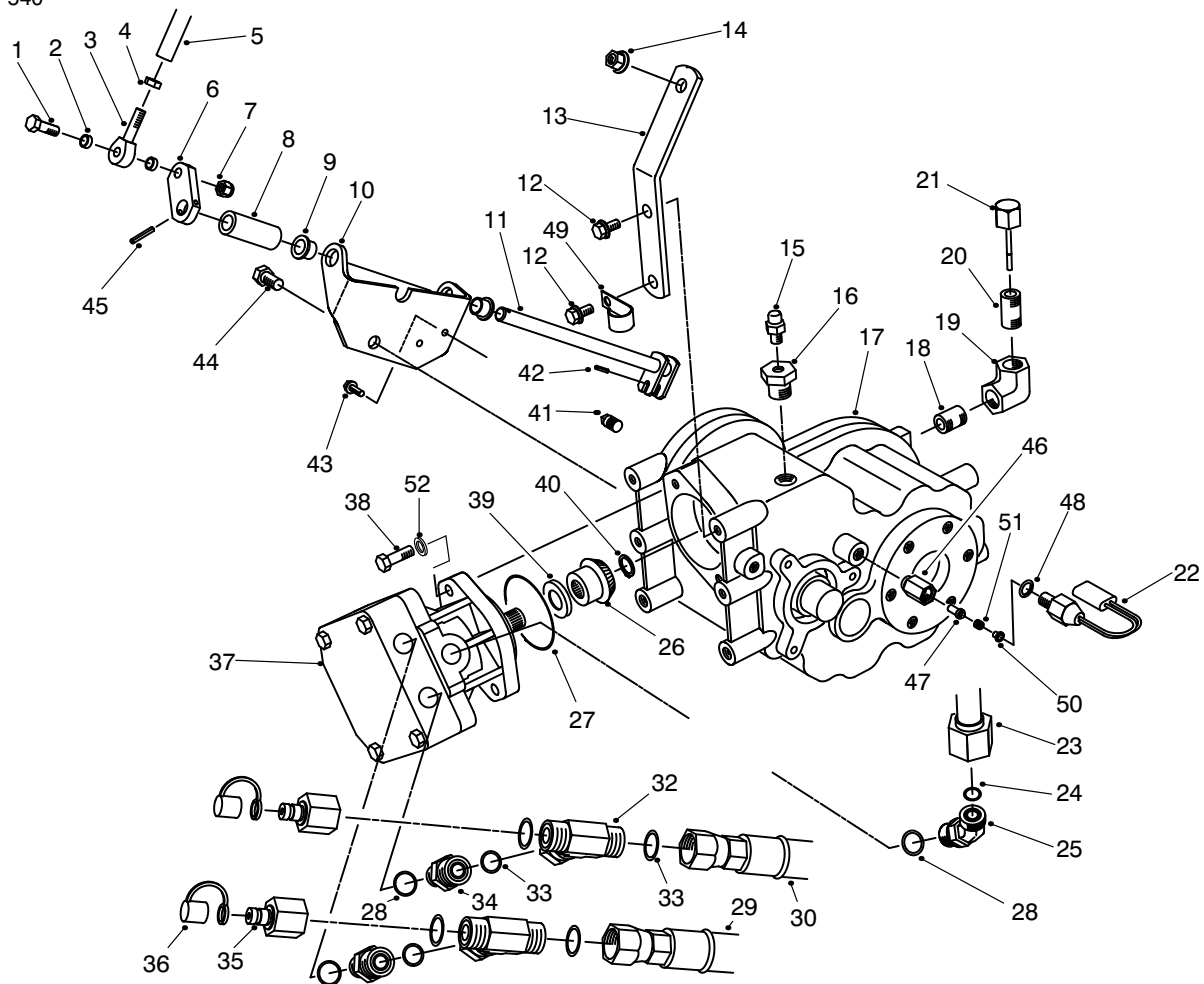


T-1506-1

## FRONT TRANSAXLE INSTALLATION ASSEMBLY

| Ref. No. | Part No. | Description                                  | No. Used | Ref. No. | Part No. | Description                               | No. Used |
|----------|----------|----------------------------------------------|----------|----------|----------|-------------------------------------------|----------|
| 1        | 323-9    | Screw - Cap Hex. Hd.                         | 1        | 25       | 340-101  | Fitting - Hydraulic (Incl. Ref. #24 & 28) | 1        |
| 2        | 76-9100  | Spacer                                       | 2        | 26       |          | Pinion - Spiral                           | 1        |
| 3        | 2411-36  | Rod - End                                    | 1        | 27       | 237-167  | O-Ring                                    | 1        |
| 4        | 3220-3   | Nut - Jam                                    | 1        | 28       | 237-79   | O-Ring                                    | 3        |
| 5        | 84-0690  | Rod - Shift                                  | 1        | 29       | 92-5830  | Assy. - Hose, Traction L.H.               | 1        |
| 6        | 77-4260  | Link - Shift                                 | 1        | 30       | 92-7765  | Assy. - Tube                              | 1        |
| 7        | 3296-59  | Nut - Lock                                   | 1        | 32       | 340-167  | Fitting - Hydraulic (Incl. Ref. #33)      | 2        |
| 8        | 86-5420  | Spacer - Rod, Shift                          | 1        | 33       | 237-65   | O-Ring                                    | 6        |
| 9        | 3-1506   | Bushing - Flange                             | 2        | 34       | 340-155  | Fitting - Hydraulic (Incl. Ref. #28 & 33) | 2        |
| 10       | 84-1610  | Support - Rod, Shift                         | 1        | 35       | 86-5860  | Nipple                                    | 2        |
| 11       | 84-0700  | Rod - Shift                                  | 1        | 36       | 353-947  | Cap - Fitting                             | 2        |
| 12       | 3234-12  | Screw - Hex. Flange Hd.                      | 2        | 37       | 92-2556  | Motor - Fixed Displacement                | 1        |
| 13       | 84-1600  | Bracket - Support, Trans.                    | 1        | 38       | 323-7    | Screw - Cap Hex. Hd.                      | 2        |
| 14       | 3290-357 | Nut - Flange Head                            | 1        | 39       | 82-5380  | Shim - Pinion .045                        | 1        |
| 15       | 302-14   | Plug - Vent                                  | 1        | *        | 82-5390  | Shim - Pinion .038                        | 1        |
| 16       | 2812-11  | Bushing - Reducer                            | 1        | *        | 82-5400  | Shim - Pinion .052                        | 1        |
| 17       | 88-1260  | Transaxle - 2 Speed (Incl. Ref. No. 26 & 41) | 1        | 40       | 32151-62 | Ring - Retaining                          | 1        |
| 18       | 289-50   | Nipple - Pipe                                | 1        | 41       | 76-6040  | Plug - Pipe (Supplied with transaxle)     | 1        |
| 19       | 2813-14  | Elbow - Pipe 90°                             | 1        | 42       | 32121-24 | Pin - Roll                                | 1        |
| 20       | 289-44   | Nipple - Pipe                                | 1        | 43       | 3234-4   | Screw - Cap Hex. Hd.                      | 2        |
| 21       | 27-3710  | Dipstick                                     | 1        | 44       | 325-2    | Screw - Cap Hex. Hd.                      | 1        |
| 22       | 72-4320  | Switch - Ball                                | 1        | 45       | 32121-6  | Pin - Roll                                | 1        |
| 23       | 86-5750  | Assy. - Tube, Drain                          | 1        |          |          |                                           |          |
| 24       | 237-30   | O-Ring                                       | 1        |          |          |                                           |          |

\*Not Illustrated

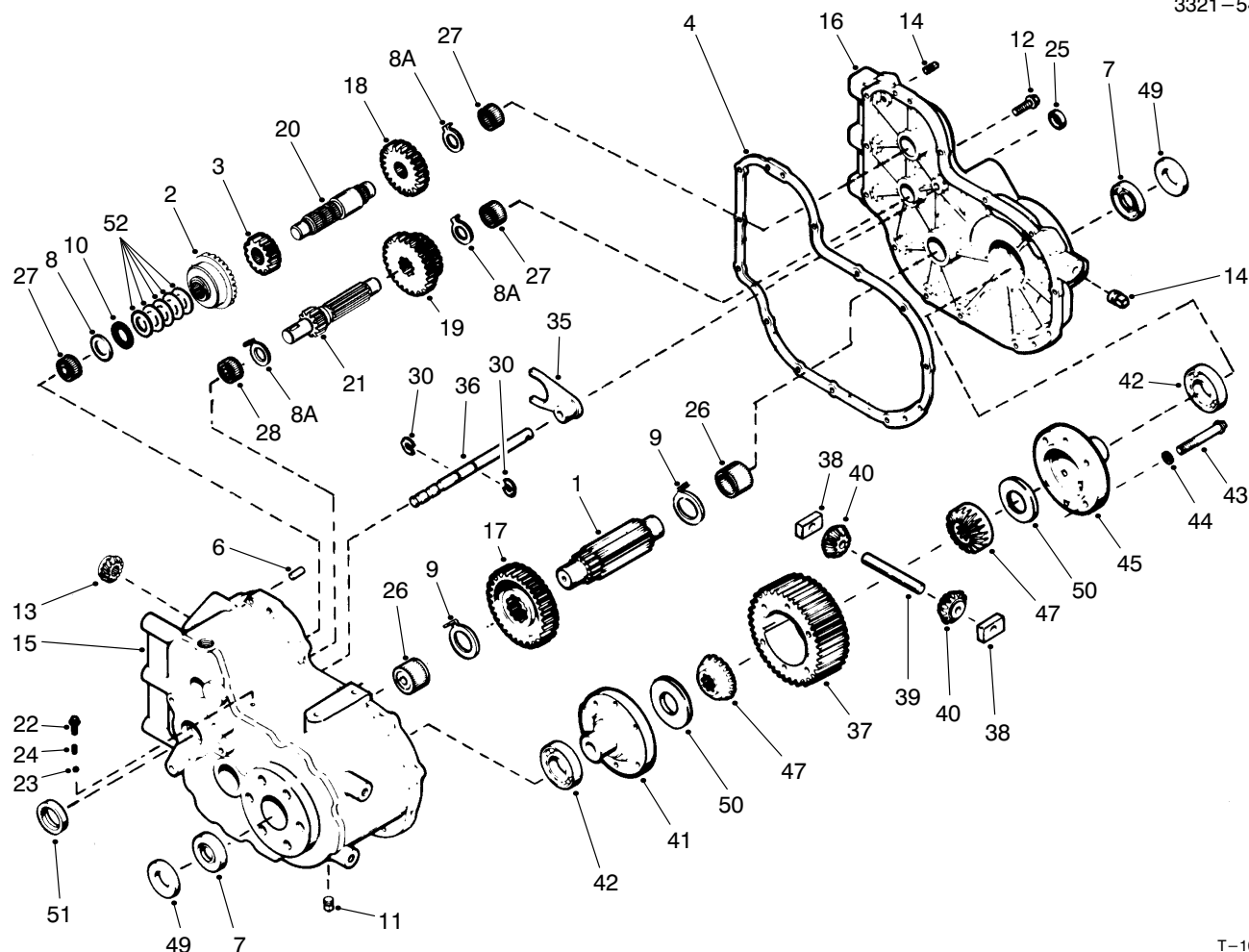


T-1506-1

## FRONT TRANSAXLE INSTALLATION ASSEMBLY (Cont.)

| Ref. No. | Part No. | Description         | No. Used | Ref. No. | Part No. | Description           | No. Used |
|----------|----------|---------------------|----------|----------|----------|-----------------------|----------|
| 46       | 92-1364  | Guide - Switch, Pin | 1        | 50       | 43-8610  | Guide - Spring & Ball | 1        |
| 47       | 92-1365  | Plunger - Switch    | 1        | 51       | 92-1366  | Spring - Compression  | 1        |
| 48       | 237-30   | O-Ring              | 1        | 52       | 3256-24  | Washer - Flat         | 2        |
| 49       | 2412-150 | Clip - J            | 1        |          |          |                       |          |

\*Not Illustrated

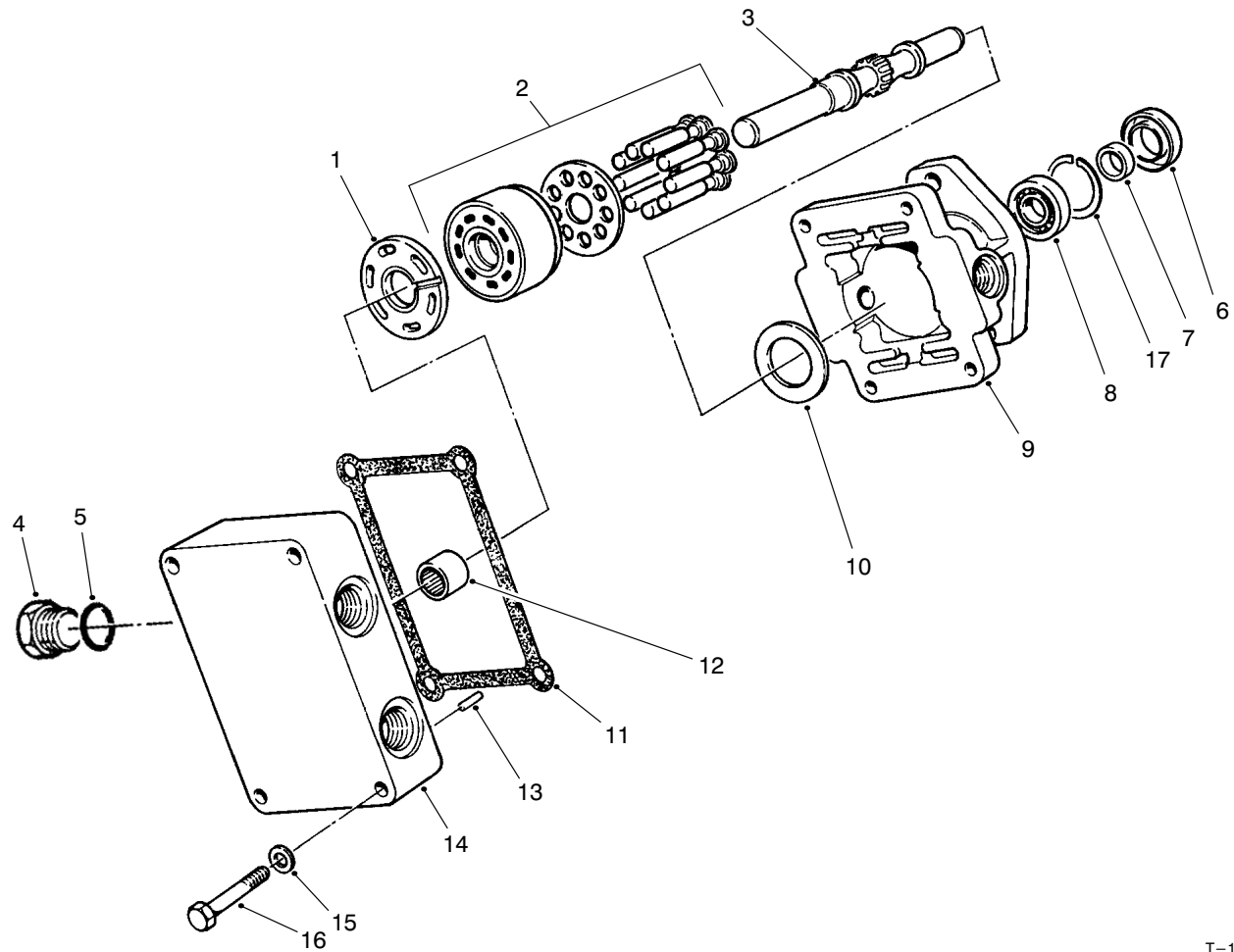


T-1008-1

## TRANSAXLE ASSEMBLY NO. 88-1260

| Ref. No. | Part No. | Description                        | No. Used | Ref. No. | Part No. | Description                                    | No. Used |
|----------|----------|------------------------------------|----------|----------|----------|------------------------------------------------|----------|
| 1        | 76-5610  | Pinion - Output                    | 1        | 26       | 76-5860  | Bearing - Needle                               | 2        |
| 2        | 76-5630  | Gear - Spiral Bevel                | 1        | 27       | 76-5870  | Bearing - Needle                               | 3        |
| 3        | 76-5640  | Gear - Spur                        | 1        | 28       | 92-0640  | Bearing - Needle                               | 1        |
| 4        | 76-5660  | Gasket                             | 1        | 30       | 76-5890  | Ring - Retaining                               | 2        |
| 6        | 76-5660  | Pin - Dowel                        | 2        | 35       | 76-5900  | Fork - Shift                                   | 1        |
| 7        | 76-5670  | Seal - Oil                         | 2        | 36       | 92-0647  | Rod - Shift (High-Low)                         | 1        |
| 8        | 76-5680  | Washer - Thrust                    | 1        | 37       | 92-0643  | Gear - Ring                                    | 1        |
| 8A       | 76-5650  | Washer - Thrust                    | 3        | 38       | 76-5930  | Block - Drive                                  | 2        |
| 9        | 76-5690  | Washer - Thrust                    | 2        | 39       | 76-5940  | Pin - Drive                                    | 1        |
| 10       | 76-5700  | Bearing - Thrust                   | 1        | 40       | 76-5950  | Pinion - Bevel                                 | 2        |
| 11       | 76-5710  | Plug - Magnetic - Drain            | 1        | 41       | 76-5960  | Carrier (Incl. Ref. #50)                       | 1        |
| 12       | 76-5720  | Screw - Hex Hd.                    | 13       | 42       | 92-0646  | Bearing - Ball                                 | 2        |
| 13       | 76-5720  | Pinion - Spiral Bevel              | 1        | 43       | 76-5980  | Screw - Hex Flanged Hd.                        | 6        |
| 14       | 76-6040  | Plug - Pipe                        | 2        | 44       | 3253-21  | Washer - Lock                                  | 6        |
| 15       | 92-0639  | Case Assembly (Incl. Ref. #26-28)  | 1        | 45       | 76-5990  | Carrier - Differential                         | 1        |
| 16       | 76-5760  | Cover Assembly (Incl. Ref. #26-27) | 1        | 47       | 76-6000  | Gear - Bevel                                   | 2        |
| 17       | 92-0642  | Gear - Output                      | 1        | 49       | 76-6010  | Spacer                                         | 2        |
| 18       | 76-5780  | Gear - Spur                        | 1        | 50       | 76-6020  | Washer - Thrust                                | 2        |
| 19       | 92-0644  | Gear - Cluster                     | 1        | 51       | 76-6030  | Seal - Oil                                     | 1        |
| 20       | 92-0641  | Shaft - Counter                    | 1        | 52       | 76-5680  | Shim - Orange .126/.123                        | A/R      |
| 21       | 92-0645  | Shaft & Gear - Shifter             | 1        | *        | 76-5740  | Shim - Lt. Grn. .123/.120                      | A/R      |
| 22       | 76-5820  | Screw - Hex Flanged Hd.            | 1        | *        | 84-0090  | Shim - Lt. Blue .120/.117                      | A/R      |
| 23       | 76-5830  | Ball - Steel                       | 1        | *        | 84-0130  | Shim - Pink .129/.126                          | A/R      |
| 24       | 76-5840  | Spring - Shifter Fork              | 1        | *        | 84-0140  | Shim - Black .132/.129                         | A/R      |
| 25       | 76-5850  | Seal - Oil                         | 1        | *        | 84-0080  | Spiral Gear Set (Matched) (Incl. Ref. #2 & 13) | 1        |

\*Not Illustrated

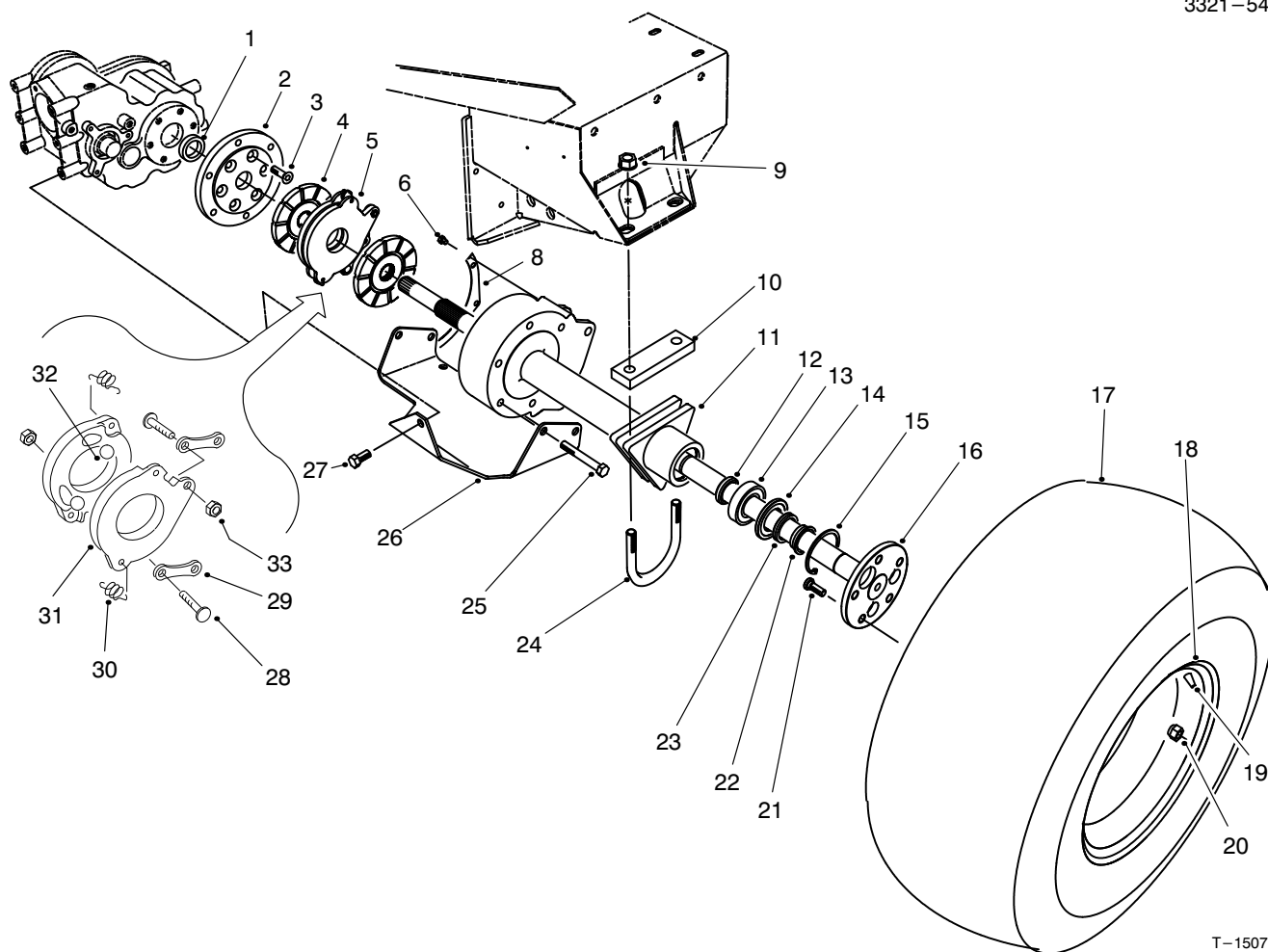


T-1493-1

## HYDRAULIC MOTOR NO. 92-2556

| Ref. No. | Part No. | Description                           | No. Used |
|----------|----------|---------------------------------------|----------|
| 1        | 28-3380  | Plate - Valve                         | 1        |
| 2        | 48-1800  | Cylinder Block Kit                    | 1        |
| 3        | 92-0636  | Shaft Assembly<br>(Incl. Ref. #7 & 8) | 1        |
| 4        | 92-2571  | Plug                                  | 2        |
| 5        | 237-65   | Seal - O-Ring                         | 2        |
| 6        | 74-9480  | Seal - Lip                            | 1        |
| 7        |          | Sleeve                                | 1        |
| 8        |          | Bearing - Roller                      | 1        |
| 9        | 82-4990  | Housing - Fixed                       | 1        |

| Ref. No. | Part No. | Description                          | No. Used |
|----------|----------|--------------------------------------|----------|
| 10       | 25-2380  | Plate - Thrust                       | 1        |
| 11       | 67-9100  | Gasket                               | 1        |
| 12       | 77-3640  | Bearing                              | 1        |
| 13       | 25-2430  | Pin - Straight                       | 1        |
| 14       | 92-2572  | End Cap Assembly<br>(Incl. Ref. #12) | 1        |
| 15       | 74-9510  | Washer - Flat                        | 1        |
| 16       | 74-9500  | Screw - Cap Hex. Hd.                 | 4        |
| 17       | 82-4970  | Ring - Retaining                     | 1        |

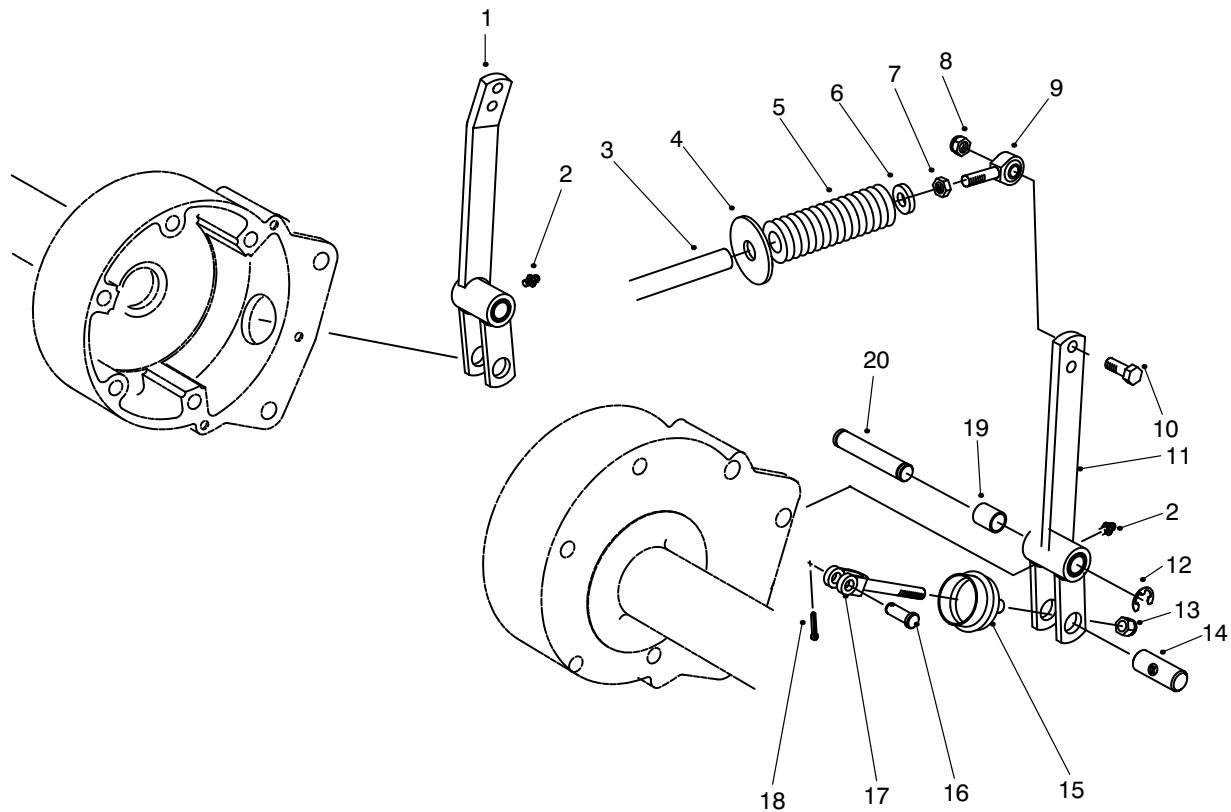


T-1507-1

## FRONT AXLE ASSEMBLY

| Ref. No. | Part No. | Description                                     | No. Used |
|----------|----------|-------------------------------------------------|----------|
| 1        | 76-6010  | Spacer - Transaxle<br>(Supplied with transaxle) | 2        |
| 2        | 76-4240  | Plate - Adapter                                 | 2        |
| 3        | 3274-87  | Screw - Flat Hd. Socket                         | 12       |
| 4        | 74-3640  | Disc - Brake                                    | 4        |
| 5        | 74-3630  | Actuator - Brake<br>(Incl. Ref. #28-33)         | 2        |
| 6        | 3234-30  | Screw - Hex. Hd. Flange                         | 6        |
| 8        | 76-8300  | Cover - Housing, Axle                           | 2        |
| 9        | 32128-50 | Nut - Lock, Flange Hd.                          | 4        |
| 10       | 84-1620  | Plate - Support, Axle                           | 2        |
| 11       | 92-9704  | Housing - Axle                                  | 2        |
| 12       | 92-9708  | Collar - Bearing                                | 2        |
| 13       | 92-9710  | Bearing - Ball                                  | 2        |
| 14       | 92-9709  | Spacer - Bearing                                | 2        |
| 15       | 32151-76 | Ring - Retaining                                | 2        |
| 16       | 92-9714  | Axle Assembly<br>(Incl. Ref. #12-15 & 21-23)    | 2        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 17       | 86-5900  | Tire                 | 2        |
| 18       | 217-124  | Rim                  | 2        |
| 19       | 232-27   | Stem - Valve         | 2        |
| 20       | 23-7270  | Nut - Wheel          | 10       |
| 21       | 242-34   | Stud - Axle          | 10       |
| 22       | 92-9706  | Spacer - Axle Shaft  | 2        |
| 23       | 92-9712  | Seal - V-Ring        | 2        |
| 24       | 84-1590  | U-Bolt               | 2        |
| 25       | 325-15   | Screw - Cap Hex. Hd. | 10       |
| 26       | 86-5430  | Plate - Skid         | 1        |
| 27       | 325-4    | Screw - Cap Hex. Hd. | 1        |
| 28       | 92-7774  | Stud                 | 4        |
| 29       | 92-7775  | Link                 | 4        |
| 30       | 92-7776  | Spring - Extension   | 4        |
| 31       | 92-7777  | Disc - Actuating     | 4        |
| 32       | 92-7773  | Ball                 | 6        |
| 33       | 69-9940  | Nut - Jam            | 4        |

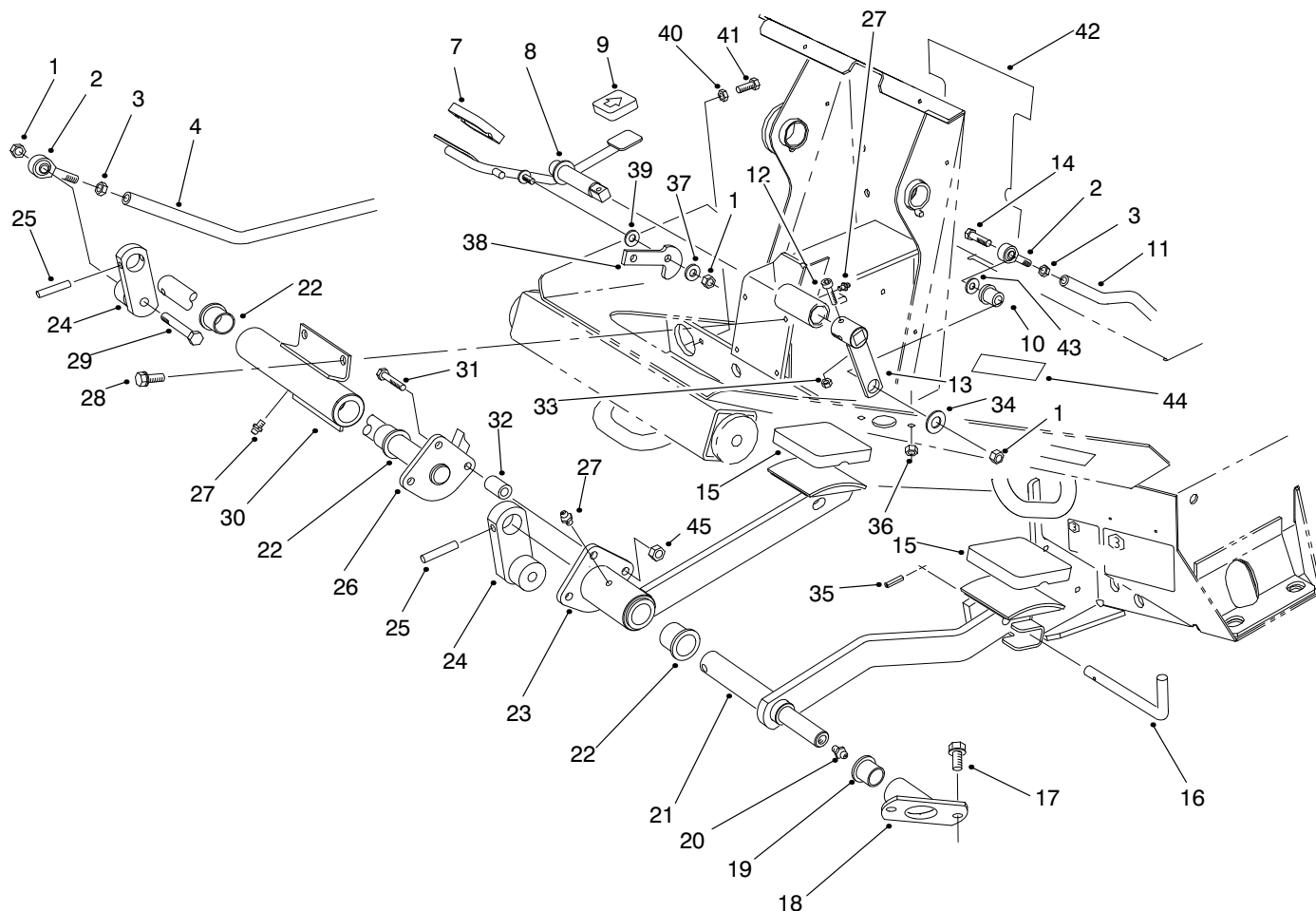


T-1491-1

## BRAKE LINKAGE ASSEMBLY

| Ref. No. | Part No. | Description                                         | No. Used |
|----------|----------|-----------------------------------------------------|----------|
| 1        | 84-0940  | Assy. - Brake Linkage Arm R.H. (Incl. Ref. #2 & 19) | 1        |
| 2        | 302-5    | Fitting - Grease                                    | 2        |
| 3        | 76-9690  | Rod - Brake                                         | 2        |
| 4        | 86-5840  | Plate - Spring                                      | 2        |
| 5        | 86-5830  | Spring - Compression                                | 2        |
| 6        | 66-6480  | Washer                                              | 2        |
| 7        | 3220-3   | Nut - Jam                                           | 2        |
| 8        | 3296-59  | Nut - Lock                                          | 2        |
| 9        | 2411-36  | Rod End                                             | 2        |
| 10       | 323-7    | Screw - Cap Hex.. Hd.                               | 2        |

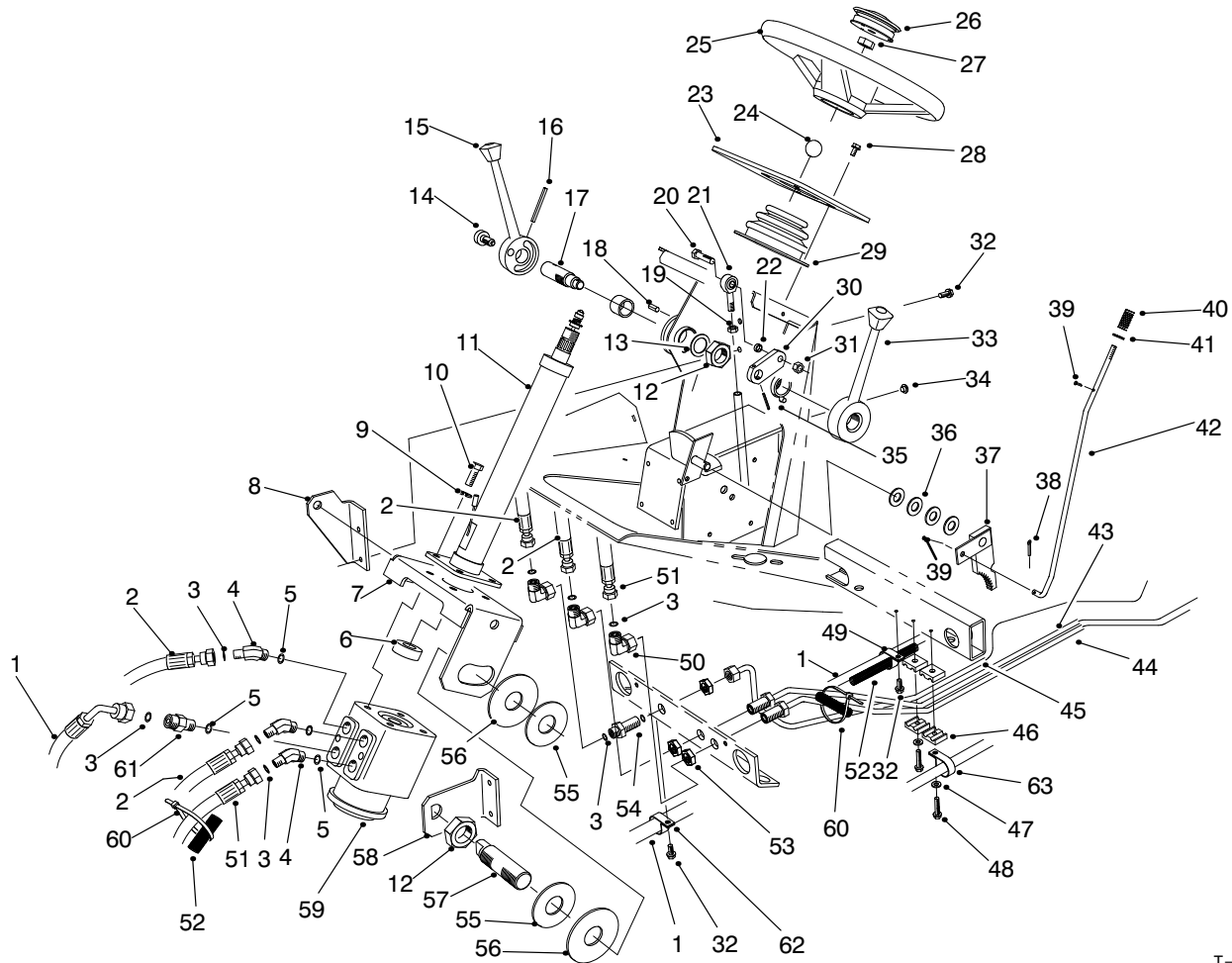
| Ref. No. | Part No. | Description                                         | No. Used |
|----------|----------|-----------------------------------------------------|----------|
| 11       | 84-0970  | Assy. - Brake Linkage Arm L.H. (Incl. Ref. #2 & 19) | 1        |
| 12       | 32120-19 | Ring - Retaining, Ext.                              | 4        |
| 13       | 3296-39  | Nut - Lock                                          | 2        |
| 14       | 76-8270  | Pin - Brake                                         | 2        |
| 15       | 76-4180  | Boot - Brake Rod                                    | 2        |
| 16       | 283-2    | Pin - Clevis                                        | 2        |
| 17       | 76-6610  | Clevis - Brake                                      | 2        |
| 18       | 3272-6   | Pin - Cotter                                        | 2        |
| 19       | 5-2512   | Bushing - Sleeve                                    | 2        |
| 20       | 84-0990  | Pin - Pivot                                         | 2        |



T-1777-1

## TRACTION & BRAKE PEDALS ASSEMBLY

| Ref. No. | Part No. | Description                                        | No. Used | Ref. No. | Part No. | Description                                       | No. Used |
|----------|----------|----------------------------------------------------|----------|----------|----------|---------------------------------------------------|----------|
| 1        | 3296-59  | Nut - Lock                                         | 4        | 24       | 92-2586  | Arm - Brake Linkage                               | 2        |
| 2        | 2411-36  | Eye - Rod                                          | 3        | 25       | 32121-25 | Pin - Roll                                        | 2        |
| 3        | 3220-3   | Nut - Jam                                          | 3        | 26       | 92-5806  | Shaft - Brake                                     | 1        |
| 4        | 76-9690  | Rod - Brake Linkage                                | 2        | 27       | 302-5    | Fitting - Grease                                  | 3        |
| 7        | 74-9100  | Pad - Forward Pedal                                | 1        | 28       | 32144-11 | Screw - Hex. Flange Hd.                           | 4        |
| 8        | 82-5190  | Shaft - Traction Pedal                             | 1        | 29       | 323-12   | Screw - Cap Hex. Hd.                              | 2        |
| 9        | 74-9110  | Pad - Reverse Pedal                                | 1        | 30       | 76-9030  | Bearing Housing Assembly<br>(Incl. Ref. #22 & 27) | 1        |
| 10       | 63-9751  | Mount - Linkage Rod                                | 1        | 31       | 322-21   | Screw - Cap Hex. Hd.                              | 3        |
| 11       | 88-1160  | Rod - Traction Linkage                             | 1        | 32       | 66-1140  | Hub                                               | 3        |
| 12       | 3274-19  | Screw - Cap Socket Hd.                             | 1        | 33       | 3296-42  | Nut - Lock                                        | 1        |
| 13       | 92-1367  | Arm - Traction Linkage                             | 1        | 34       | 63-8410  | Washer                                            | 1        |
| 14       | 323-9    | Screw - Cap Hex. Hd.                               | 1        | 35       | 32121-50 | Pin - Roll                                        | 1        |
| 15       | 82-4960  | Pad - Brake                                        | 2        | 36       | 32128-20 | Nut - Lock                                        | 2        |
| 16       | 63-7880  | Latch - Brake                                      | 1        | 37       | 3256-24  | Washer - Flat                                     | 1        |
| 17       | 3234-14  | Screw - Hex. Flange Hd.                            | 2        | 38       | 74-6110  | Stop - Pedal                                      | 1        |
| 18       | 76-9680  | Bearing Housing Assembly<br>(Incl. Ref. #19)       | 1        | 39       | 66-2920  | Washer - Nylon                                    | 1        |
| 19       | 256-90   | Bushing - Flange                                   | 1        | 40       | 3218-2   | Nut - Jam                                         | 2        |
| 20       | 302-2    | Fitting - Grease                                   | 1        | 41       | 322-4    | Screw - Cap Hex. Hd.                              | 2        |
| 21       | 92-5804  | Pedal - Brake L.H.                                 | 1        | 42       | 93-9423  | Decal - Operation                                 | 1        |
| 22       | 256-10   | Bushing - Flange                                   | 4        | 43       | 3256-3   | Washer - Flat                                     | 1        |
| 23       | 92-5805  | Brake Pedal Assembly R.H.<br>(Incl. Ref. #22 & 27) | 1        | 44       | 93-9414  | Decal - Warning                                   | 1        |
|          |          |                                                    |          | 45       | 32152-1  | Nut - Lock                                        | 3        |

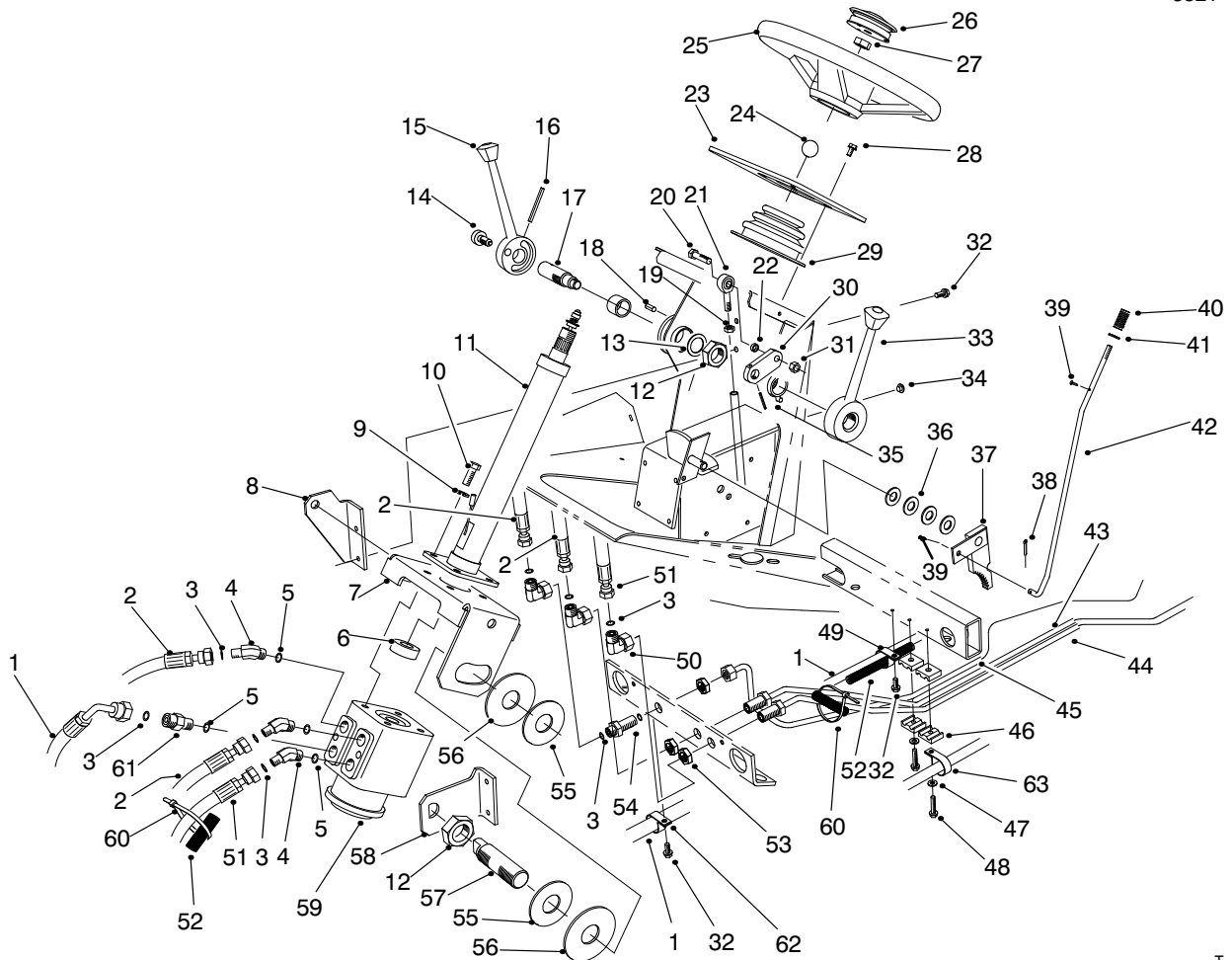


T-1516-1

## STEERING TOWER ASSEMBLY

| Ref. No. | Part No.  | Description                                | No. Used |
|----------|-----------|--------------------------------------------|----------|
| 1        | 86-5570   | Assembly - Hose                            | 1        |
| 2        | 86-3220   | Assembly - Hose                            | 2        |
| 3        | 237-22    | O-Ring                                     | 10       |
| 4        | 340-138   | Fitting - Hydraulic<br>(Incl. Ref. #3 & 5) |          |
| 5        | 237-79    | O-Ring                                     | 3        |
| 6        | 21-9260   | Cover - Dust                               | 4        |
| 7        | 76-8140   | Bracket - Steering                         | 1        |
| 8        | 76-8160   | Support - Steering                         | 1        |
| 9        | 3253-21   | Washer - Lock                              | 1        |
| 10       | 323-6     | Screw - Cap Hex. Hd.                       | 4        |
| 11       | 74-3670   | Assy. - Column, Steering                   | 1        |
| 12       | 3296-49   | Nut - Lock                                 | 2        |
| 13       | 10-8110   | Washer - Thrust                            | 1        |
| 14       | 82-4950   | Plunger - Spring                           | 1        |
| 15       | 74-5770   | Lever - Shift                              | 1        |
| 16       | 32121-10  | Pin - Roll                                 | 1        |
| 17       | 74-5790   | Shaft - Pivot                              | 1        |
| 18       | 32121-123 | Pin - Roll                                 | 2        |
| 19       | 3220-3    | Nut - Jam                                  | 1        |
| 20       | 323-8     | Screw - Cap Hex. Hd.                       | 1        |
| 21       | 2411-36   | Rod End                                    | 1        |
| 22       | 76-9100   | Spacer                                     | 1        |
| 23       | 93-9415   | Panel - Tower                              | 1        |
| 24       | 233-17    | Knob                                       | 1        |
| 25       | 68-8080   | Wheel - Steering                           | 1        |

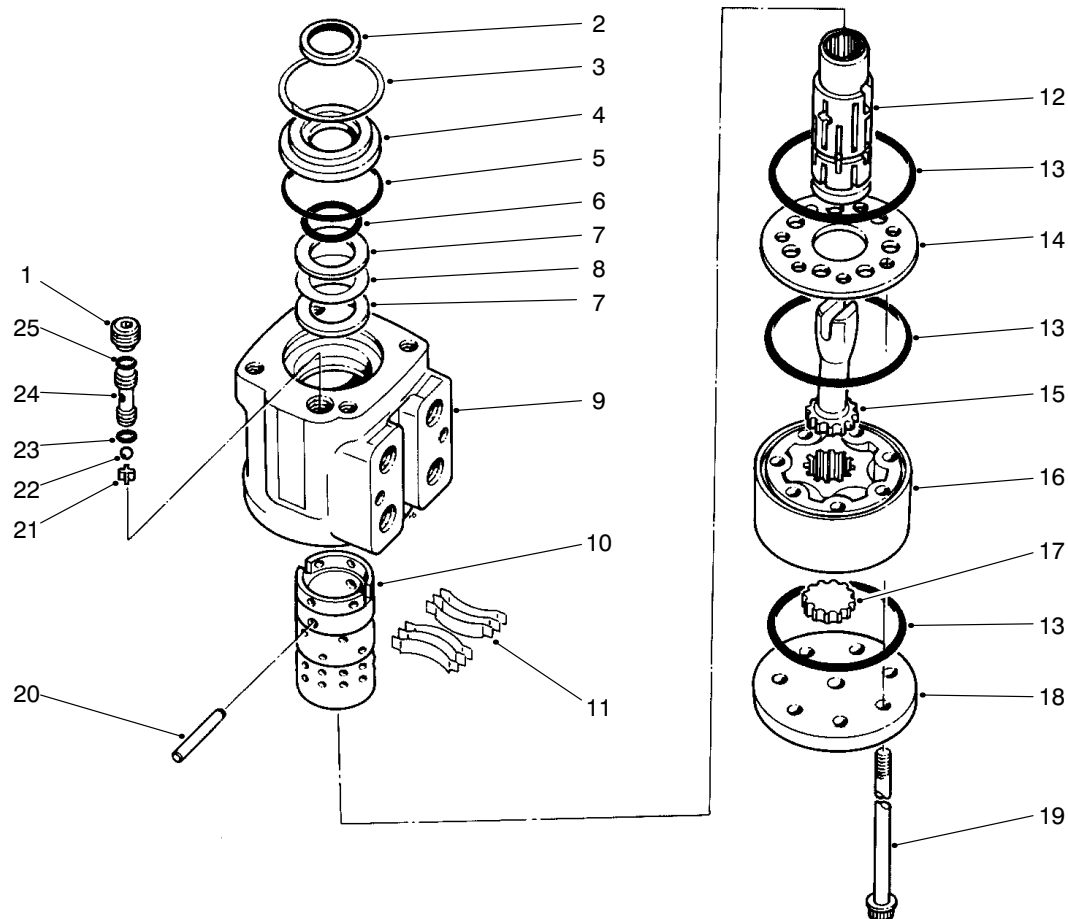
| Ref. No. | Part No. | Description                            | No. Used |
|----------|----------|----------------------------------------|----------|
| 26       | 72-0130  | Kit - Horn                             | 1        |
| 27       | 47-6990  | Nut                                    | 1        |
| 28       | 32144-4  | Screw - Hex. Washer Hd.                | 4        |
| 29       | 76-9450  | Boot - Column, Steering                | 1        |
| 30       | 84-0680  | Link - Shift                           | 1        |
| 31       | 3296-59  | Nut - Lock                             | 1        |
| 32       | 32144-11 | Screw - Hex. Washer Hd.                | 6        |
| 33       | 69-1560  | Lever - Lock                           | 1        |
| 34       | 2410-64  | Plug - Dome                            | 2        |
| 35       | 32121-6  | Pin - Roll                             | 1        |
| 36       | 3256-26  | Washer - Flat                          | 4        |
| 37       | 63-7900  | Rack - Brake                           | 1        |
| 38       | 3272-10  | Pin - Cotter                           | 1        |
| 39       | 3272-5   | Pin - Cotter                           | 2        |
| 40       | 95-1821  | Spring                                 | 1        |
| 41       | 3256-22  | Washer - Flat                          | 1        |
| 42       | 76-9050  | Rod - Brake, Parking                   | 1        |
| 43       | 86-5730  | Assy. - Tube, R.H. Front               | 1        |
| 44       | 86-5740  | Assy. - Tube, L.H. Front               | 1        |
| 45       | 94-8299  | Assy. - Tube, Steering                 | 1        |
| 46       | 56-7973  | Clamp - Tube                           | 4        |
| 47       | 3256-71  | Washer - Flat                          | 2        |
| 48       | 32144-57 | Screw - Hex. Washer Hd.                | 2        |
| 49       | 2412-74  | Clamp - R                              | 2        |
| 50       | 340-159  | Fitting - Hydraulic<br>(Incl. Ref. #3) | 3        |



T-1516-1

## STEERING TOWER ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                         | No. Used | Ref. No. | Part No. | Description                          | No. Used |
|----------|----------|-------------------------------------|----------|----------|----------|--------------------------------------|----------|
| 51       | 86-3210  | Assembly - Hose                     | 1        | 57       | 76-8340  | Shaft - Pivot, Steering              | 1        |
| 52       | 95-4375  | Harness - Wire                      | 1        | 58       | 76-8150  | Support - Shaft, Steering            | 1        |
| 53       | 340-70   | Nut - Bulkhead                      | 3        | 59       | 92-9729  | Valve - Control, Steering            | 1        |
| 54       | 340-71   | Union - Bulkhead<br>(Incl. Ref. #3) | 1        | 60       | 3290-378 | Tie - Cable                          | 2        |
| 55       | 20-9500  | Washer                              | 2        | 61       | 59-6430  | Valve - Check<br>(Incl. Ref. #3 & 5) | 1        |
| 56       | 31-0390  | Washer - Friction                   | 2        | 62       | 2412-104 | Clamp - R                            | 1        |



T-1007-1

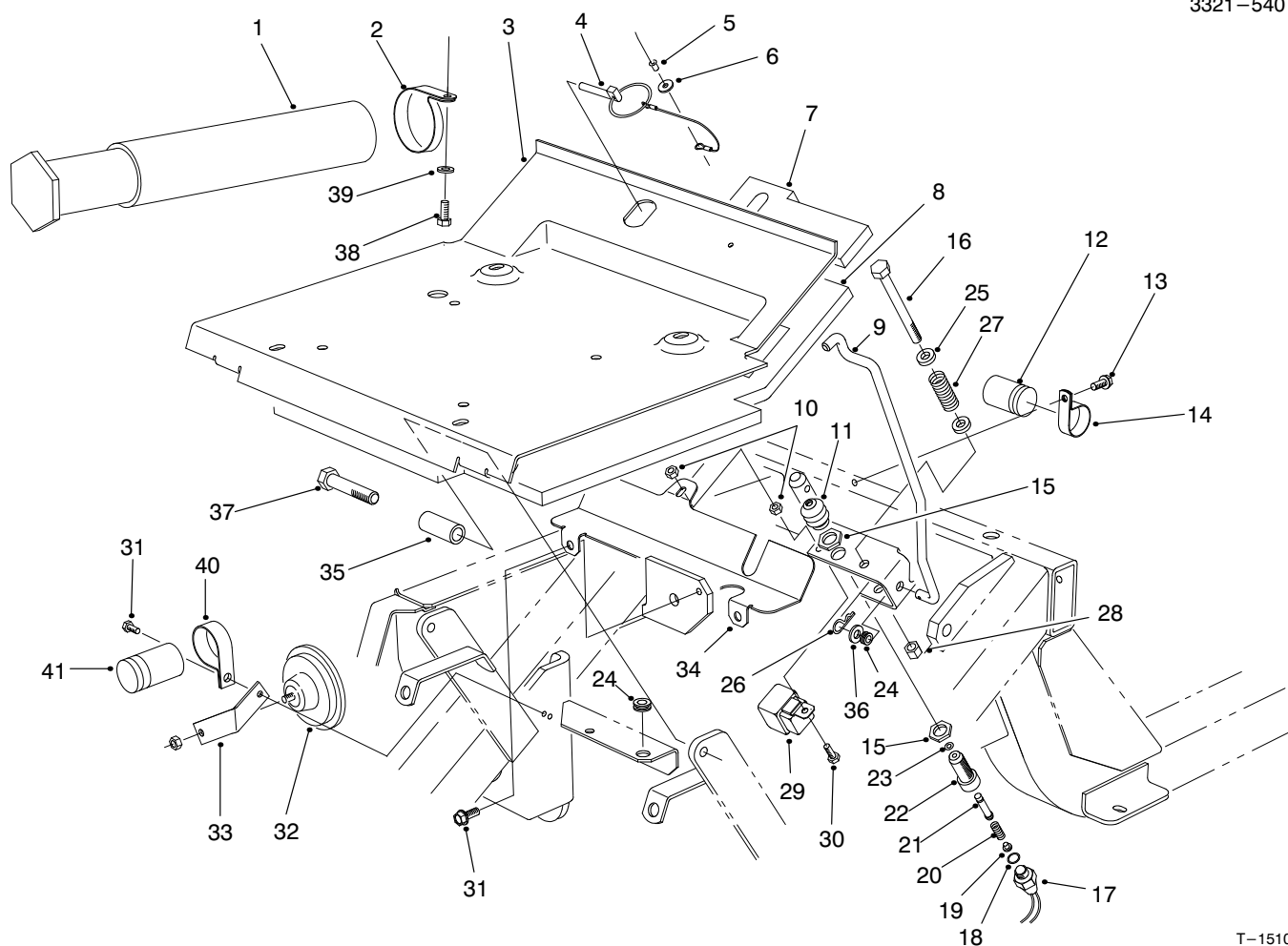
## POWER STEERING VALVE NO. 92-9729

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 1        | 52-9260  | Screw-Set              | 1        |
| †2       |          | Seal-Dust              | 1        |
| 3        | 52-9230  | Ring-Retaining         | 1        |
| 4        | 52-9240  | Bushing-Seal, Gland    | 1        |
| †5       |          | Seal                   | 1        |
| †6       |          | Seal-Ring, Quad        | 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       | 76-6300  | Gerotor                | 1        |

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 17       | 76-6320  | Spacer                                        | 1        |
| 18       | 92-9730  | Cap-End                                       | 1        |
| 19       | 92-9736  | 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-Ball, Check                              | 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        |
| *        | 92-9745  | End Cap Kit<br>(Incl. Ref. #14, 18 & 19)      | 1        |

\*Not Illustrated

†Not Serviceable Separately

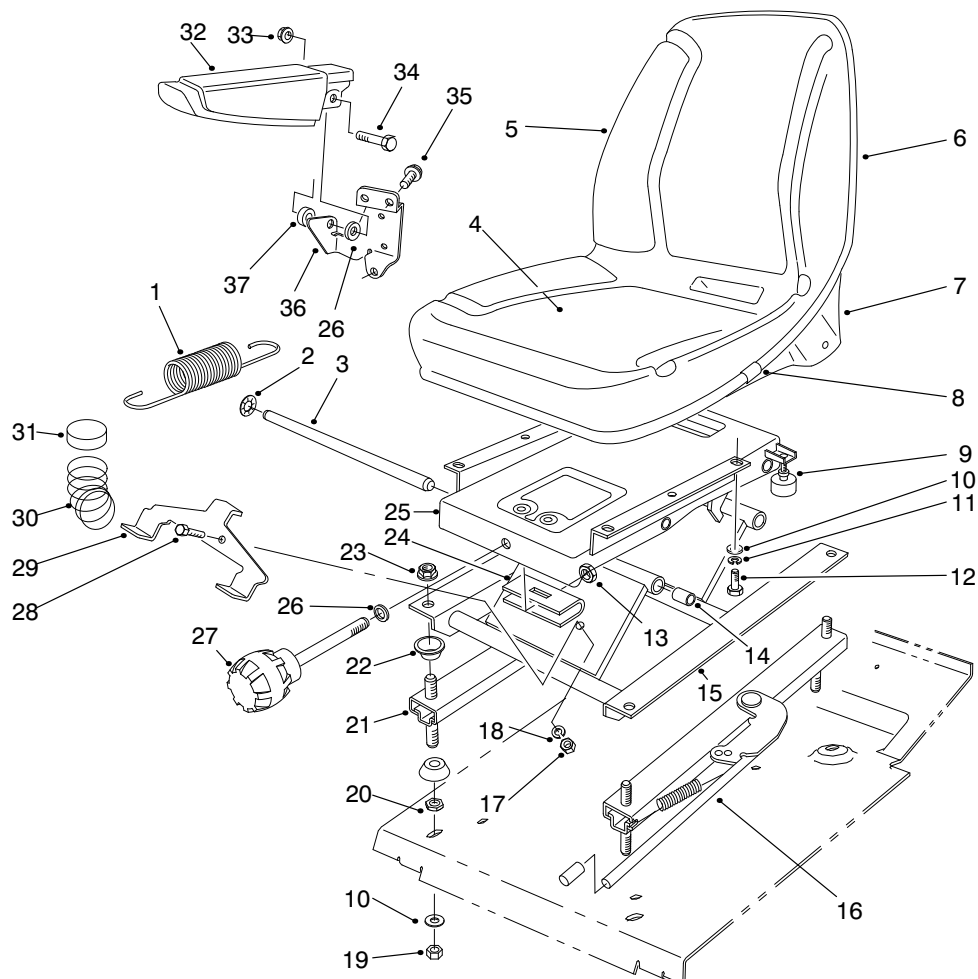


T-1510-2

## SEAT PLATE ASSEMBLY

| Ref. No. | Part No. | Description             | No. Used | Ref. No. | Part No. | Description                                           | No. Used |
|----------|----------|-------------------------|----------|----------|----------|-------------------------------------------------------|----------|
| 1        | 74-0720  | Tube - Manual           | 1        | 23       | 237-7    | O-Ring                                                | 1        |
| 2        | 2412-133 | Clamp - R               | 2        | 24       | 237-136  | Grommet                                               | 2        |
| 3        | 76-9460  | Plate - Seat            | 1        | 25       | 80-7730  | Spacer                                                | 2        |
| 4        | 77-3780  | Pin - Lynch             | 1        | 26       | 3290-307 | Pin - Cotter, Hair                                    | 1        |
| 5        | 3290-282 | Rivet - Pop             | 1        | 27       | 88-1420  | Spring - Compression                                  | 1        |
| 6        | 3256-49  | Washer - Flat           | 1        | 28       | 3296-39  | Nut - Lock                                            | 1        |
| 7        | 76-9930  | Foam - Seat Plate Rear  | 1        | 29       | 70-1480  | Relay - SPDT                                          | 1        |
| 8        | 82-4900  | Foam - Seat Front       | 1        | 30       | 321-5    | Screw - Cap Hex. Hd.                                  | 1        |
| 9        | 76-9440  | Rod - Seat Prop         | 1        | 31       | 32144-11 | Screw - Hex. Washer Hd.                               | 3        |
| 10       | 32128-33 | Nut - Lock              | 2        | 32       | 48-4590  | Horn                                                  | 1        |
| 11       | 43-8870  | Boot - Switch           | 1        | 33       | 74-8910  | Bracket - Horn                                        | 1        |
| 12       | 37-2690  | Capacitor               | 1        | 34       | 86-2860  | Cover - Belt, Upper                                   | 1        |
| 13       | 32104-82 | Screw - Hex. Washer Hd. | 1        | 35       | 76-9480  | Sleeve - Pivot, Seal                                  | 2        |
| 14       | 2412-74  | Clamp                   | 1        | 36       | 3256-3   | Washer - Flat                                         | 1        |
| 15       | 218-461  | Nut - Hex               | 2        | 37       | 325-9    | Screw - Cap Hex. Hd.                                  | 2        |
| 16       | 323-17   | Screw - Hex. Hd.        | 1        | 38       | 322-2    | Screw - Cap Hex. Hd.                                  | 2        |
| 17       | 72-4320  | Switch - Ball           | 1        | 39       | 3256-23  | Washer - Flat                                         | 2        |
| 18       | 237-30   | O-Ring                  | 1        | 40       | 2412-74  | Clamp - R                                             | 1        |
| 19       | 43-8610  | Guide                   | 1        | 41       | 37-2690  | Capacitor                                             | 1        |
| 20       | 43-8600  | Spring - Switch         | 1        | *        | 43-9071  | Seat Switch Assembly<br>(Incl. Ref. #11, 15, & 17-23) | 1        |
| 21       | 43-8860  | Plunger - Switch        | 1        |          |          |                                                       |          |
| 22       | 43-8620  | Guide - Pin, Switch     | 1        |          |          |                                                       |          |

\*Not Illustrated



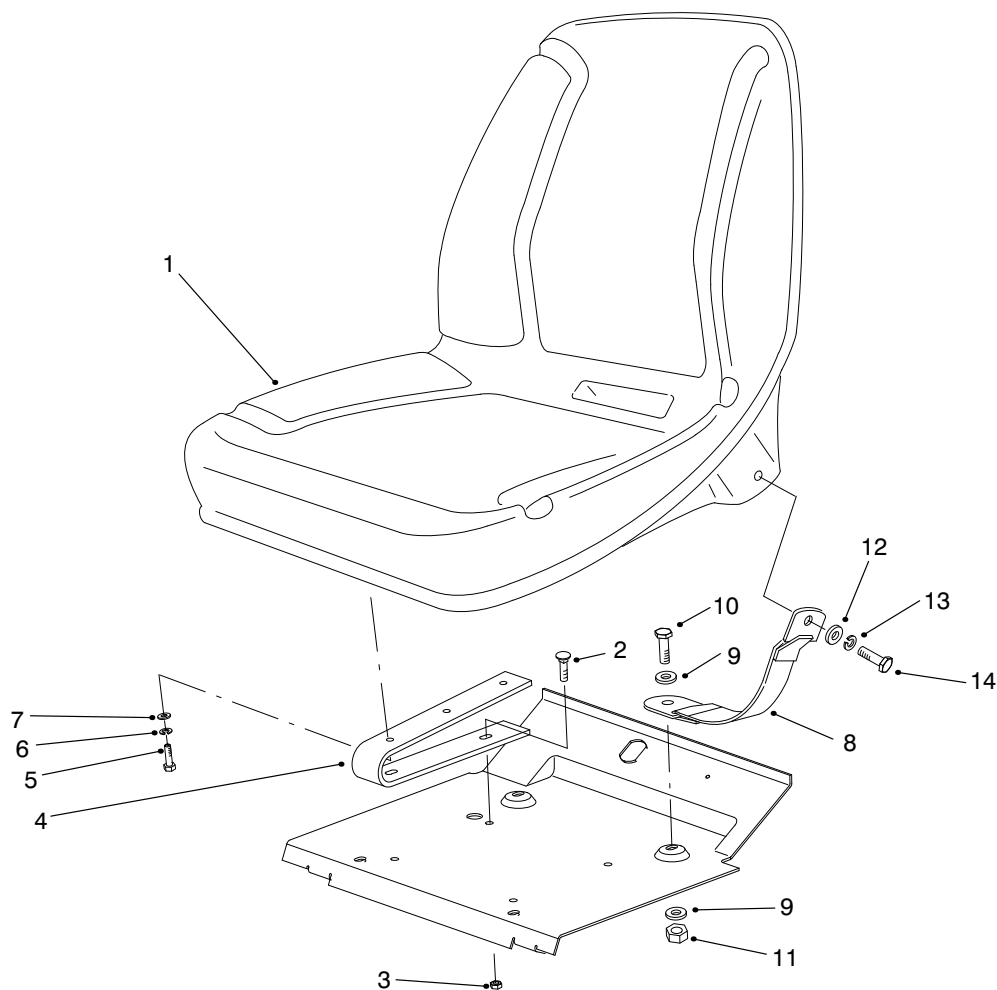
T-2244-1

## SEAT ASSEMBLY

| Ref. No. | Part No. | Description                              | No. Used |
|----------|----------|------------------------------------------|----------|
| 1        | 76-1940  | Spring - Extension                       | 2        |
| 2        | 66-8560  | Nut - Push                               | 4        |
| 3        | 76-1910  | Shaft - Pivot                            | 2        |
| 4        | 92-6533  | Seat Cushion Assembly<br>(Incl. Ref. #8) | 1        |
| 5        | 92-1180  | Seat Assembly<br>(Incl. Ref. #4 & 6-8)   | 1        |
| 6        | 351-78   | Edging - Seat                            | 1        |
| 7        | 92-6534  | Shell - Seat                             | 1        |
| 8        | 351-80   | Clip - Edging                            | 1        |
| 9        | 76-2940  | Bumper                                   | 2        |
| 10       | 3256-2   | Washer - Flat                            | 8        |
| 11       | 3253-4   | Washer - Lock                            | 4        |
| 12       | 322-3    | Screw - Cap Hex. Hd.                     | 4        |
| 13       | 32153-2  | Nut - Lock                               | 1        |
| 14       | 76-1920  | Bearing - Sleeve                         | 4        |
| 15       | 66-8610  | Frame - Lower                            | 1        |
| 16       | 66-8510  | Adjuster & Handle                        | 1        |
| 17       | 3217-6   | Nut - Hex.                               | 1        |
| 18       | 3253-33  | Washer - Lock                            | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 19       | 3296-29  | Nut - Lock              | 4        |
| 20       | 3218-2   | Nut - Jam               | 4        |
| 21       | 66-8530  | Adjuster                | 1        |
| 22       | 66-9290  | Spacer - Suspension     | 8        |
| 23       | 32128-25 | Nut - Flange Lock       | 4        |
| 24       | 77-2870  | Hanger - Spring         | 1        |
| 25       | 66-8600  | Frame - Upper           | 1        |
| 26       | 3256-24  | Washer - Flat           | 3        |
| 27       | 76-1930  | Knob - Adjustment       | 1        |
| 28       | 322-6    | Screw - Cap Hex. Hd.    | 1        |
| 29       | 93-3165  | Bracket - Spring        | 1        |
| 30       | 93-3163  | Spring - Compression    | 2        |
| 31       | 93-3164  | Cup - Spring            | 2        |
| 32       | 69-1180  | Armrest                 | 2        |
| 33       | 32128-19 | Nut - Flange Lock       | 2        |
| 34       | 323-9    | Screw - Cap Hex. Hd.    | 2        |
| 35       | 3234-14  | Screw - Hex. Flange Hd. | 6        |
| 36       | 69-0770  | Bracket - Armrest R.H.  | 1        |
| *        | 69-0760  | Bracket - Armrest L.H.  | 1        |
| 37       | 92-7301  | Spacer                  | 2        |

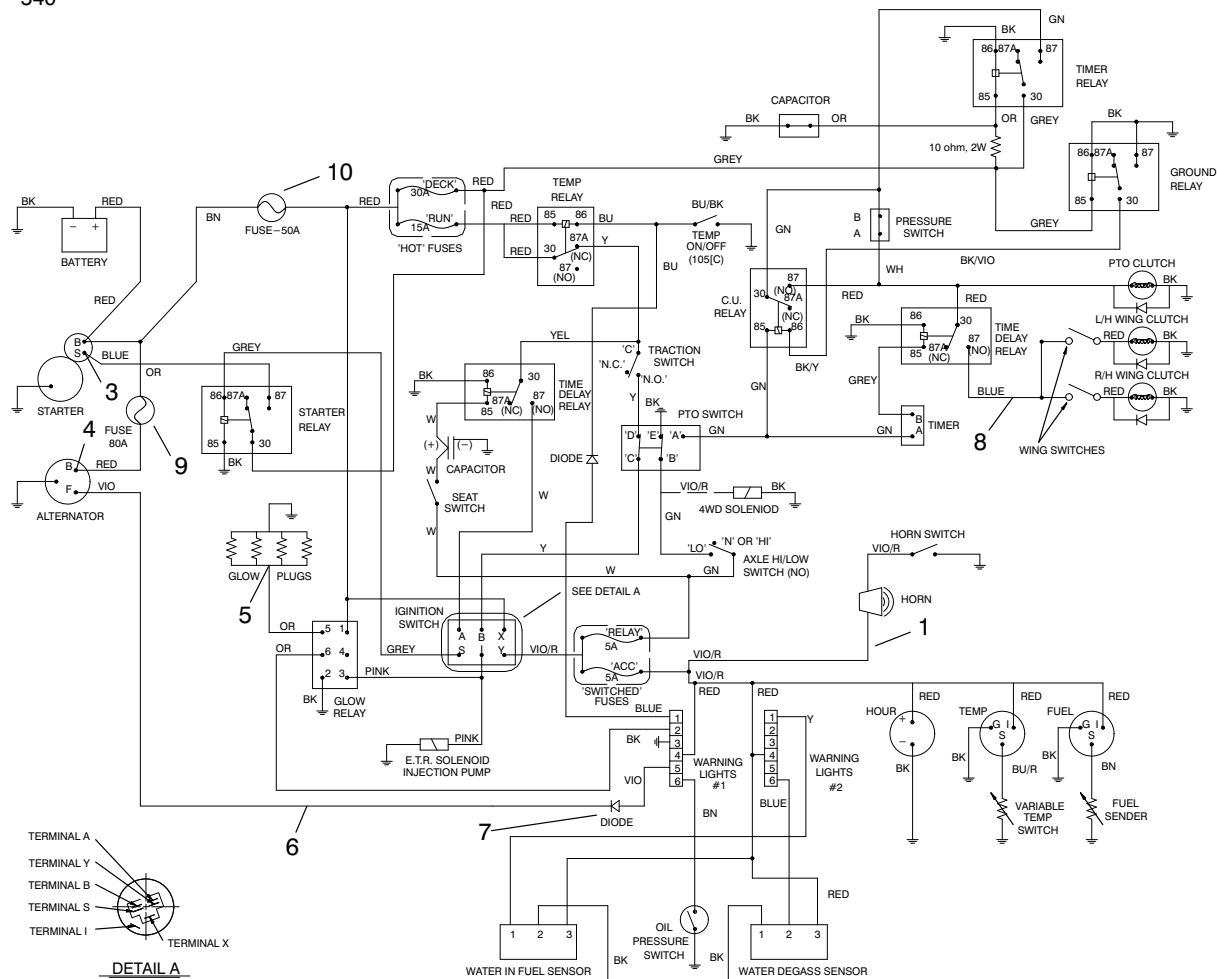
\*Not Illustrated



T-2245-1

## LOW SEAT ASSEMBLY (Optional)

| Ref. No. | Part No. | Description          | No. Used | Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|----------|----------|----------------------|----------|
| 1        | 92-1180  | Seat Assembly        | 1        | 8        | 92-5521  | Tether Strap         | 2        |
| 2        | 3230-16  | Bolt - Carriage      | 4        | 9        | 3256-24  | Washer               | 4        |
| 3        | 3296-29  | Nut - Lock           | 4        | 10       | 323-6    | Screw - Cap Hex. Hd. | 2        |
| 4        | 68-3280  | Spring - Seat        | 2        | 11       | 3296-39  | Nut - Lock           | 2        |
| 5        | 322-4    | Screw - Cap Hex. Hd. | 4        | 12       | 3256-5   | Washer - Flat        | 2        |
| 6        | 3253-4   | Washer - Lock        | 4        | 13       | 3253-6   | Washer - Lock        | 2        |
| 7        | 3256-2   | Washer               | 4        | 14       | 3212-5   | Screw - Cap Hex. Hd. | 2        |

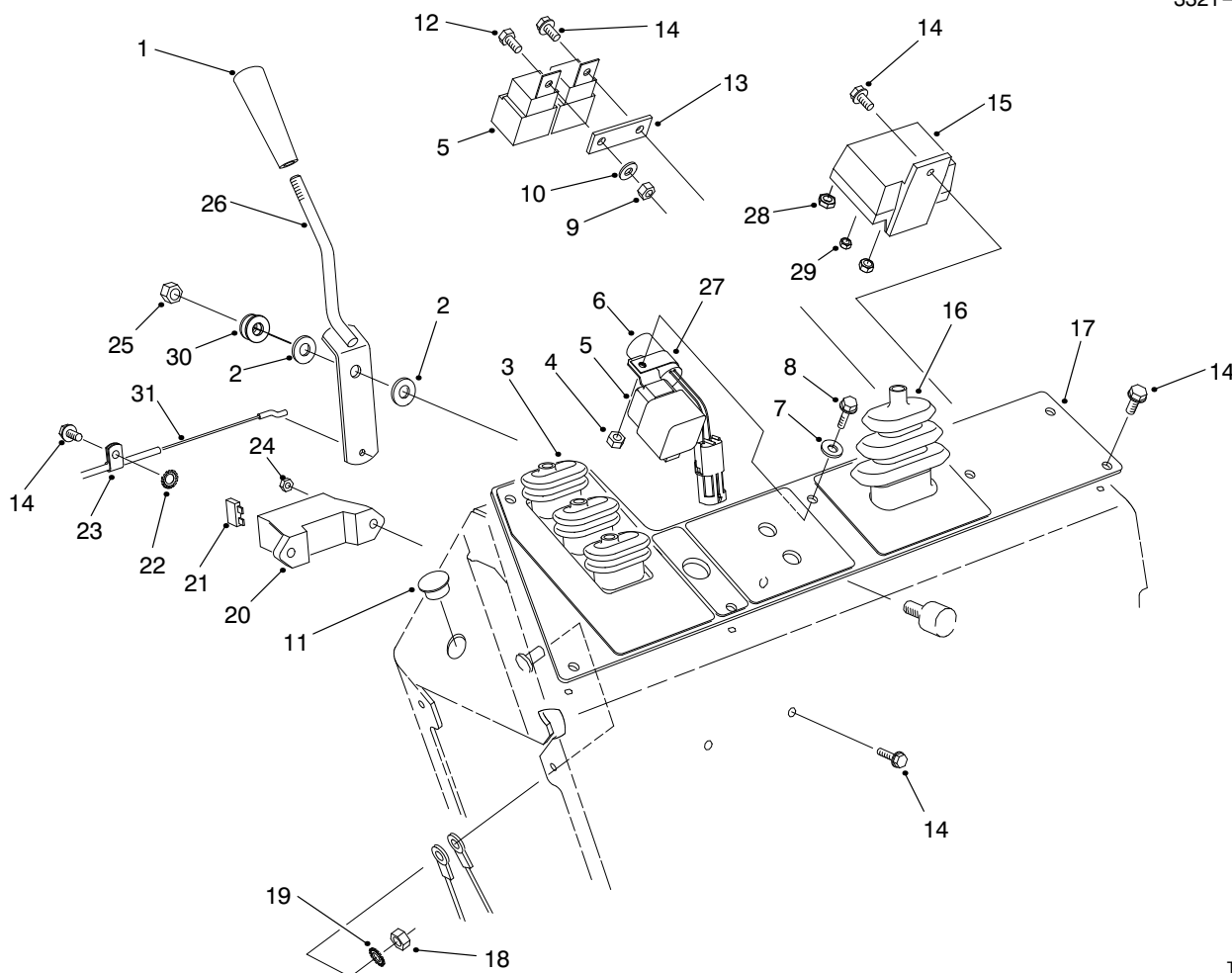


T-2721-1

## ELECTRICAL SCHEMATIC

| Ref. No. | Part No. | Description                          | No. Used |
|----------|----------|--------------------------------------|----------|
| 1        | 86-5470  | Harness - Front                      | 1        |
| 3        | 48-7930  | Nut - Hex                            | 1        |
| 4        | 48-7890  | Nut - Hex.                           | 1        |
| 5        | 48-7880  | Nut - Hex.                           | 2        |
| 6        | 94-5623  | Harness - Wire, Main (Incl. Ref. #7) | 1        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 7        | 86-7470  | Diode                | 4        |
| 8        | 95-4375  | Harness - Wire, Deck | 1        |
| 9        | 94-8001  | Fuse - Blade, 80 Amp | 1        |
| 10       | 94-8002  | Fuse - Blade, 50 Amp | 1        |

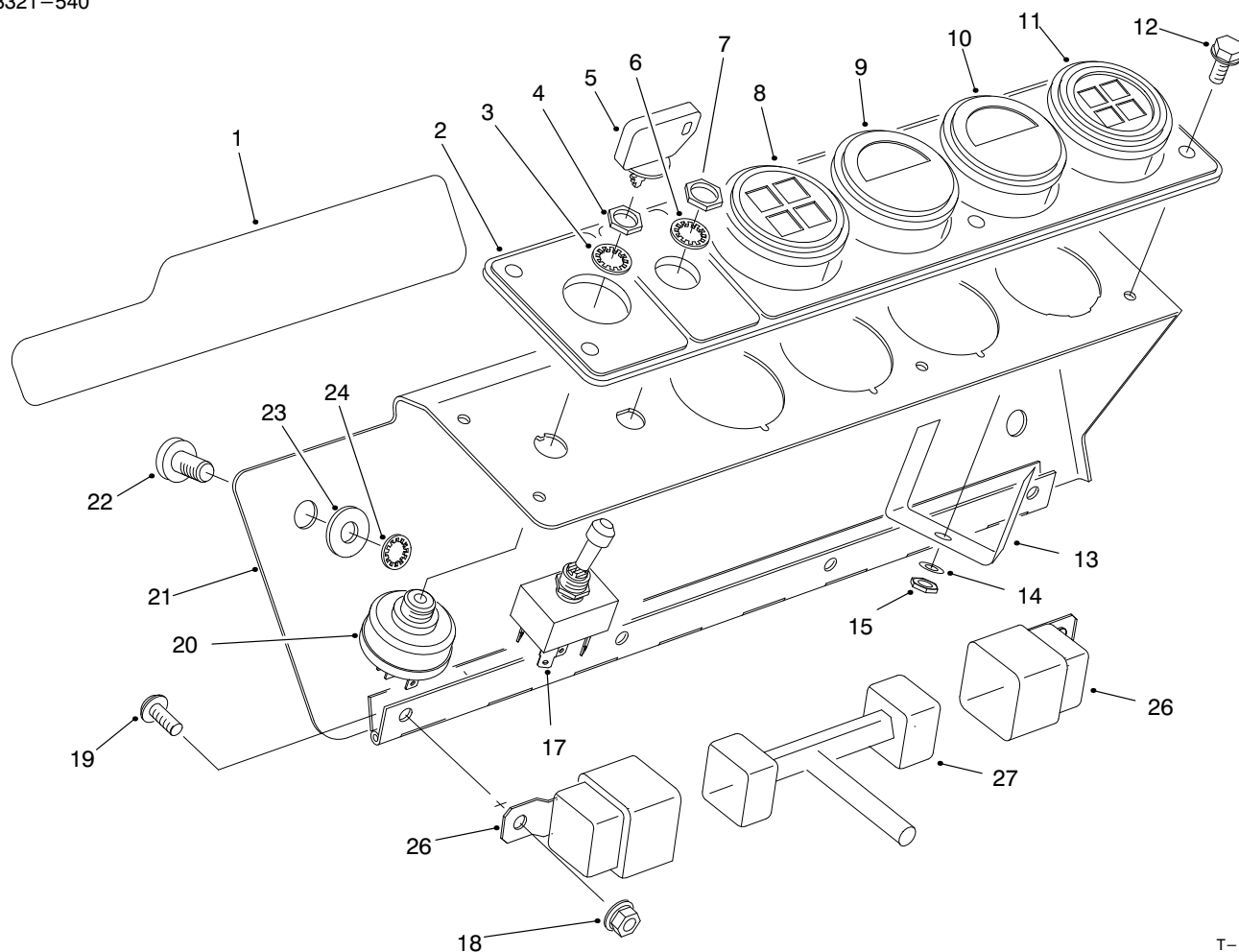


T-1492-1

## CONTROL CONSOLE ASSEMBLY

| Ref. No. | Part No. | Description             | No. Used | Ref. No. | Part No. | Description              | No. Used |
|----------|----------|-------------------------|----------|----------|----------|--------------------------|----------|
| 1        | 233-39   | Knob - Throttle         | 1        | 18       | 3296-47  | Nut - Lock               | 1        |
| 2        | 66-2920  | Washer - Friction       | 2        | 19       | 3255-8   | Washer - Lock Ext. Tooth | 1        |
| 3        | 76-8450  | Boot - Lift Lever       | 1        | 20       | 67-7160  | Holder - Fuse            | 1        |
| 4        | 3290-148 | Nut - Lock              | 1        | 21       | 218-573  | Fuse - 5A                | 2        |
| 5        | 70-1480  | Relay - Sealed          | 3        | 21       | 218-581  | Fuse - 15A               | 1        |
| 6        | 83-2280  | Timer - Delay           | 1        | *        | 218-593  | Fuse - 30A               | 1        |
| 7        | 3256-77  | Washer - Flat           | 1        | 22       | 3255-7   | Washer - Lock Ext. Tooth | 1        |
| 8        | 3290-126 | Screw - Hex. Washer Hd. | 3        | 23       | 2412-31  | Clip - Conduit           | 1        |
| 9        | 3296-42  | Nut - Lock              | 2        | 24       | 3296-12  | Nut - Lock               | 2        |
| 10       | 3256-78  | Washer - Flat           | 1        | 25       | 3296-44  | Nut - Lock               | 1        |
| 11       | 94-5627  | Plug                    | 1        | 26       | 76-4300  | Lever - Throttle         | 1        |
| 12       | 321-2    | Screw - Cap Hex. Hd.    | 1        | 27       | 2412-39  | R-Clamp                  | 1        |
| 13       | 77-3970  | Spacer - Relay          | 1        | 28       | 48-7880  | Nut - Hex.               | 1        |
| 14       | 32144-4  | Screw - Hex. Washer Hd. | 10       | 29       | 48-7890  | Nut                      | 1        |
| 15       | 76-5260  | Relay - Glow Plug       | 1        | 30       | 3256-24  | Washer                   | 1        |
| 16       | 76-8440  | Boot - Throttle         | 1        | 31       | 74-5480  | Cable - Throttle         | 1        |
| 17       | 93-9422  | Panel - Console         | 1        |          |          |                          |          |

\*Not Illustrated

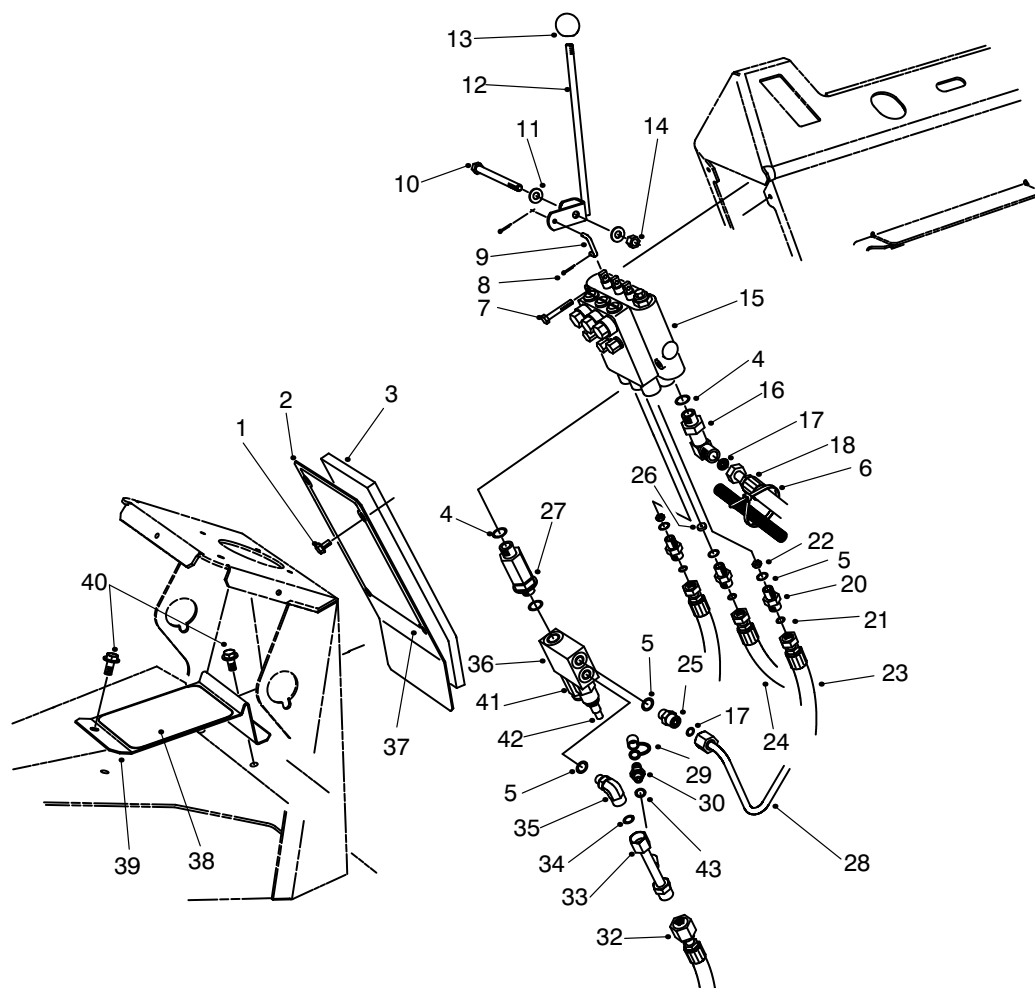


T-1517-3

## GAGE PANEL ASSEMBLY

| Ref. No. | Part No. | Description                                      | No. Used | Ref. No. | Part No. | Description                            | No. Used |
|----------|----------|--------------------------------------------------|----------|----------|----------|----------------------------------------|----------|
| 1        | 92-6564  | Decal - 4 Matic                                  | 1        | 15       | 3217-26  | Nut                                    | 2        |
| 2        | 93-9416  | Panel - Gauge                                    | 1        | *16      | 219-17   | Bulb                                   | 4        |
| 3        | 218-446  | Washer - Lock                                    | 1        | 17       | 85-4980  | Switch - Toggle<br>(Incl. Ref. #6-7)   | 1        |
| 4        | 218-447  | Nut - Hex.                                       | 1        | 18       | 32128-33 | Nut - Flange Lock                      | 4        |
| 5        | 63-8360  | Key - Ignition                                   | 1        | 19       | 3274-68  | Screw - Socket Button Hd.              | 4        |
| 6        | 3254-20  | Washer - Lock, Int. Tooth                        | 1        | 20       | 27-2360  | Switch - Ignition<br>(Incl. Ref. #3-4) | 1        |
| 7        | 3218-19  | Nut - Hex.                                       | 2        | 21       | 82-3750  | Cover - Console                        | 1        |
| 8        | 93-7483  | Light - Warning Bank<br>(Incl. Ref. #13-16 & 25) | 1        | 22       | 3250-36  | Screw                                  | 2        |
| 9        | 76-9060  | Gauge - Temperature                              | 1        | 23       | 3256-3   | Washer                                 | 2        |
| 10       | 66-2940  | Gauge - Fuel                                     | 1        | 24       | 32151-72 | Retainer - Push-On                     | 2        |
| 11       | 93-7484  | Light - Warning Bank<br>(Incl. Ref. #13-16 & 25) | 1        | *25      | 87-6270  | Socket - Light                         | 4        |
| 12       | 32144-4  | Screw - Hex. Washer Hd.                          | 6        | 26       | 70-1480  | Relay                                  | 2        |
| 13       |          | Clamp                                            | 2        | 27       | 94-5629  | Harness - Wire                         | 1        |
| 14       | 3254-1   | Washer - Lock                                    | 2        |          |          |                                        |          |

\*Not Illustrated

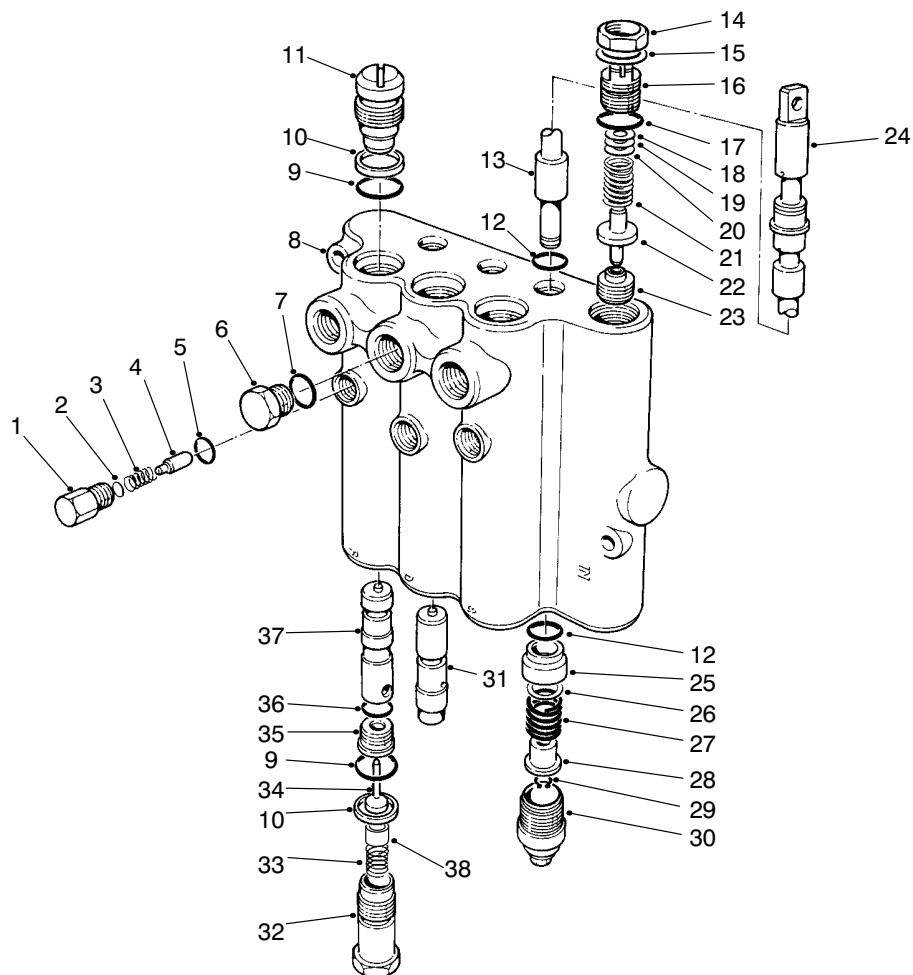


T-1504-1

## LIFT VALVE INSTALLATION ASSEMBLY

| Ref. No. | Part No. | Description                                   | No. Used | Ref. No. | Part No. | Description                                     | No. Used |
|----------|----------|-----------------------------------------------|----------|----------|----------|-------------------------------------------------|----------|
| 1        | 46-6810  | Assy. - Screw & Washer                        | 4        | 24       | 86-3180  | Assembly - Hose                                 | 1        |
| 2        | 76-7090  | Cover - Front, Control                        | 1        | 25       | 340-2    | Fitting - Adapter<br>(Incl. Ref. #5 & 17)       | 1        |
| 3        | 76-6270  | Foam - Panel                                  | 1        | 26       | 84-6402  | Orifice                                         | 1        |
| 4        | 237-79   | O-Ring                                        | 3        | 27       | 74-5910  | Fitting - Bulkhead, Special<br>(Incl. Ref. #4)  | 1        |
| 5        | 237-42   | O-Ring                                        | 5        | 28       | 86-5770  | Assy. Tube, Relief Valve                        | 1        |
| 6        | 3290-379 | Tie - Cable                                   | 1        | 29       | 353-947  | Cap - Fitting                                   | 1        |
| 7        | 321-10   | Screw - Cap Hex. Hd.                          | 2        | 30       | 354-77   | Fitting - Test Port<br>(Incl. Ref. #43)         | 1        |
| 8        | 3272-1   | Pin - Cotter                                  | 6        | 32       | 86-3230  | Assembly - Hose                                 | 1        |
| 9        | 69-9140  | Link - Lever, Valve                           | 3        | 33       | 86-5760  | Assy. - Tube, Deck Return                       | 1        |
| 10       | 323-17   | Screw - Cap Hex. Hd.                          | 1        | 34       | 237-30   | O-Ring                                          | 1        |
| 11       | 3256-24  | Washer - Flat                                 | 2        | 35       | 340-99   | Fitting - Hydraulic 90°<br>(Incl. Ref. #5 & 34) | 1        |
| 12       | 74-6060  | Lever - Valve, R.H.                           | 1        | 36       | 86-5440  | Valve - Relief, Dual<br>(Incl. Ref. #41 & 42)   | 1        |
| *        | 74-6050  | Lever - Valve, Center                         | 1        | 37       | 93-7242  | Decal - Service                                 | 1        |
| *        | 69-7010  | Lever - Valve, L.H.                           | 1        | 38       | 76-7040  | Pad - Foot                                      | 1        |
| 13       | 233-42   | Knob                                          | 3        | 39       | 82-5300  | Support - Heel                                  | 1        |
| 14       | 3296-39  | Nut - Lock                                    | 1        | 40       | 32144-11 | Screw - Hex. Washer Hd.                         | 2        |
| 15       | 92-7762  | Lift Valve Assembly                           | 1        | 41       | 88-1520  | Cartridge - Relief                              | 1        |
| 16       | 63-4090  | Fitting - Adapter 90°<br>(Incl. Ref. #4 & 17) | 1        | 42       | 88-1530  | Cartridge - Relief                              | 1        |
| 17       | 237-22   | O-Ring                                        | 2        | 43       | 237-78   | O-Ring                                          | 1        |
| 18       | 95-4354  | Assembly - Hose                               | 1        | *        | 75-2080  | Seal Kit (for Ref. #41-42)                      | 1        |
| 20       | 88-1380  | Fitting - Adapter<br>(Incl. Ref. #5 & 21)     | 3        |          |          |                                                 |          |
| 21       | 237-21   | O-Ring                                        | 3        |          |          |                                                 |          |
| 22       | 86-2501  | Orifice                                       | 2        |          |          |                                                 |          |
| 23       | 86-3190  | Assembly - Hose                               | 2        |          |          |                                                 |          |

\*Not Illustrated



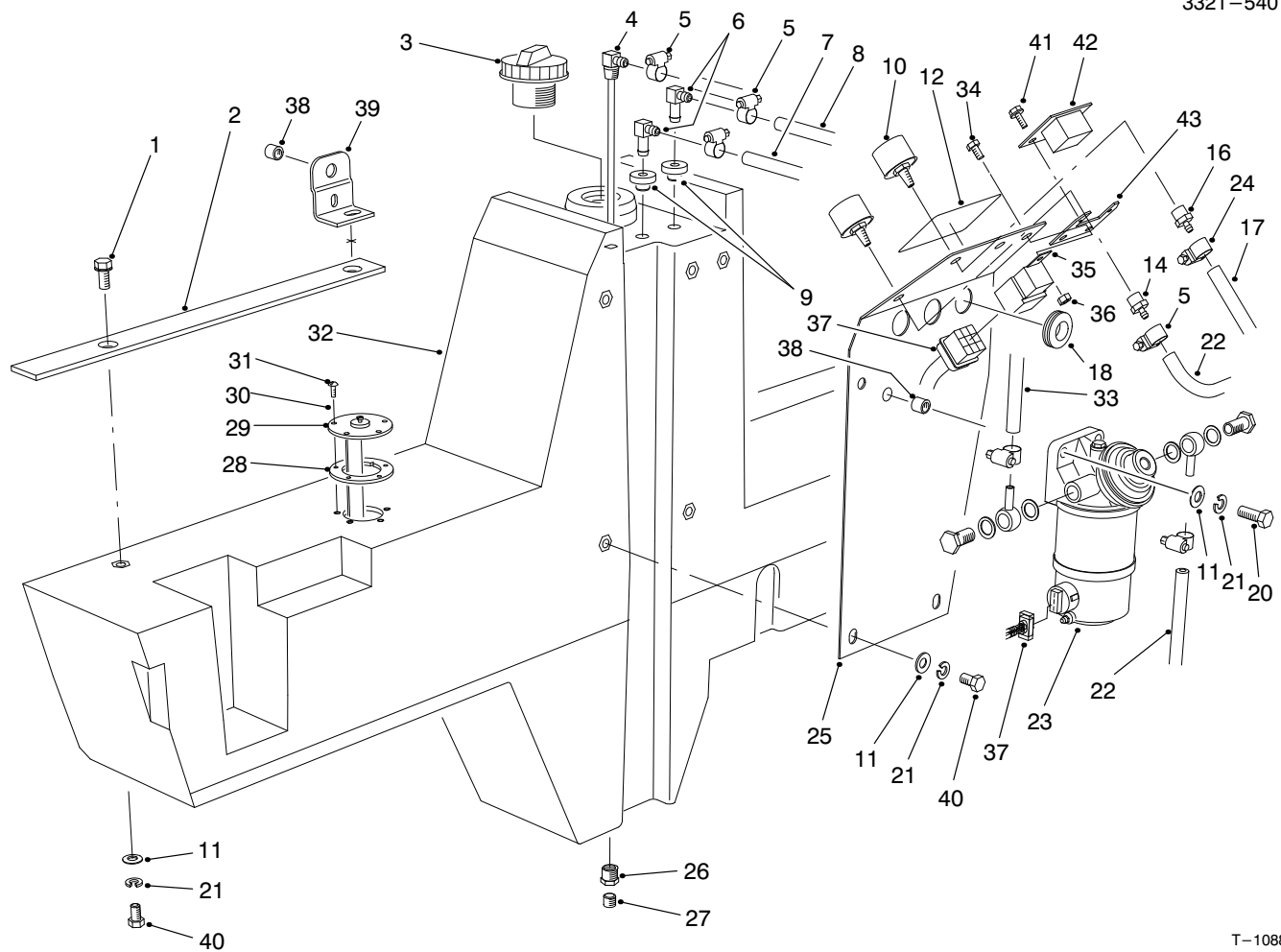
T-0379-1

## LIFT VALVE ASSEMBLY NO. 92-7762

| Ref. No. | Part No. | Description                                | No. Used | Ref. No. | Part No. | Description                                                            | No. Used |
|----------|----------|--------------------------------------------|----------|----------|----------|------------------------------------------------------------------------|----------|
| 1        | 58-6780  | Plug Assembly<br>(Incl. Ref. #5)           | 3        | 21       | 92-2567  | Spring                                                                 | 1        |
| 2        | 60-6450  | Disc                                       | A/R      | 22       | 92-2568  | 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        | 353-508  | Plug Assembly<br>(Incl. Ref. #7)           | 3        | 26       | 58-6700  | Washer                                                                 | 3        |
| 7        | 58-6720  | Seal - O-Ring                              | 3        | 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<br>(Incl. Ref. #9-10)        | 3        | 31       | 84-6430  | Plunger                                                                | 1        |
| 12       | 58-6450  | Seal - O-Ring                              | 6        | 32       | 92-7780  | Plug Assembly<br>(Incl. Ref. #9-10)                                    | 3        |
| †13      |          | Spool                                      | 3        | 33       | 92-7778  | Spring                                                                 | 3        |
| †14      |          | Nut - Lock                                 | 1        | 34       | 58-6290  | Poppet Assembly                                                        | 3        |
| †15      |          | Washer                                     | 1        | 35       | 58-6330  | Seat Assy.<br>(Incl. Ref. #36)                                         | 3        |
| 16       | 69-1830  | Plug Assembly<br>(Incl. Ref. #14, 15 & 17) | 1        | 36       | 58-6340  | Seal - O-Ring                                                          | 3        |
| 17       | 58-6750  | Seal - O-Ring                              | 1        | 37       | 84-6420  | Plunger                                                                | 2        |
| 18       | 58-6470  | Washer                                     | A/R      | 38       | 92-7779  | Eyelet                                                                 | 3        |
| 19       | 58-6480  | Washer                                     | A/R      | *        | 60-3780  | Seal Kit<br>(Incl. Ref. #5, 7, 9, 10, 12,<br>12, 17, 24, 29, 34, & 36) | 1        |
| 20       | 58-6490  | Washer                                     | A/R      |          |          |                                                                        |          |

\*Not Illustrated

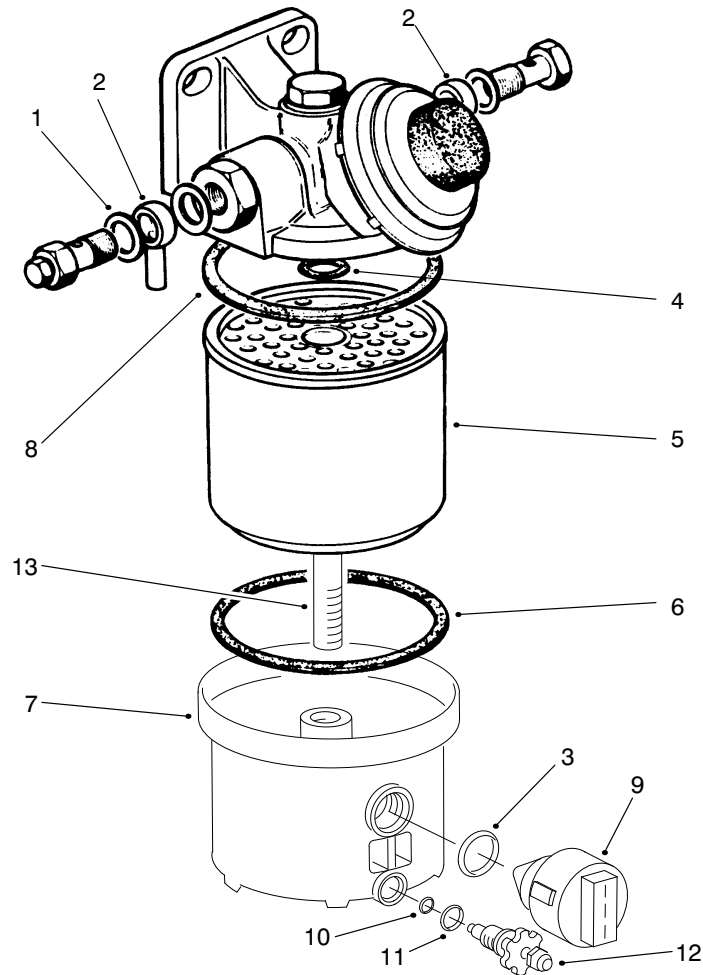
†Not Serviceable Separately



T-1088-1

## FUEL TANK ASSEMBLY

| Ref. No. | Part No. | Description                                 | No. Used | Ref. No. | Part No. | Description                               | No. Used |
|----------|----------|---------------------------------------------|----------|----------|----------|-------------------------------------------|----------|
| 1        | 3234-12  | Screw - Hex. Washer Hd.                     | 2        | 24       | 2412-36  | Clamp - Hose                              | 1        |
| 2        | 76-9790  | Foam - Fuel Tank                            | 1        | 25       | 14-0859  | Fuel Tank Plate Assembly (Incl. Ref. #38) | 1        |
| 3        | 93-3102  | Cap - Fuel                                  | 1        | 26       | 2812-1   | Fitting - Reducing Bushing                | 1        |
| 4        | 76-6600  | Pipe - Stand                                | 1        | 27       | 285-22   | Plug - Pipe                               | 1        |
| 5        | 2412-108 | Clamp - Hose                                | 6        | 28       | 62-7650  | Gasket - Sending Unit                     | 1        |
| 6        | 46-6550  | Fitting - Fuel 90°                          | 2        | 29       | 74-5860  | Sending Unit - Fuel                       | 1        |
| 7        | 63-7626  | Hose - Fuel                                 | 1        | 30       | 3253-15  | Washer - Lock                             | 5        |
| 8        | 63-7627  | Hose - Fuel                                 | 1        | 31       | 32122-24 | Screw - Round Hd.                         | 5        |
| 9        | 46-6560  | Bushing - Rubber                            | 2        | 32       | 74-5580  | Tank - Fuel (Incl. Ref. #26 & 27)         | 1        |
| 10       | 68-6150  | Breather                                    | 2        | 34       | 321-3    | Screw - Cap Hex. Hd.                      | 2        |
| 11       | 3256-24  | Washer - Flat                               | 9        | 35       | 70-1480  | Relay - Starter                           | 1        |
| 12       | 93-9420  | Decal - Fuel                                | 1        | 36       | 3296-42  | Nut - Lock                                | 2        |
| 14       | 354-95   | Fitting - Barb                              | 1        | 37       | 94-5623  | Harness - Wire, Main                      | 1        |
| 16       | 354-94   | Fitting - Barb                              | 1        | 38       | 32148-10 | Insert - Threaded                         | 3        |
| 17       | 74-9122  | Hose - Vent                                 | 1        | 39       | 82-3660  | Bracket - Cover                           | 1        |
| 18       | 240-6    | Grommet                                     | 3        | 40       | 323-4    | Screw - Cap Hex. Hd.                      | 7        |
| 20       | 323-7    | Screw - Cap Hex. Hd.                        | 2        | 41       | 32144-18 | Screw - Hex. Washer Hd.                   | 2        |
| 21       | 3253-21  | Washer - Lock                               | 9        | 42       | 75-6820  | Hour Meter                                | 1        |
| 22       | 63-7622  | Hose - Fuel                                 | 2        | 43       | 94-5614  | Bracket - Hour Meter                      | 1        |
| 23       | 76-5300  | Fuel Filter Assembly (Supplied with engine) | 1        |          |          |                                           |          |



T-0966-2

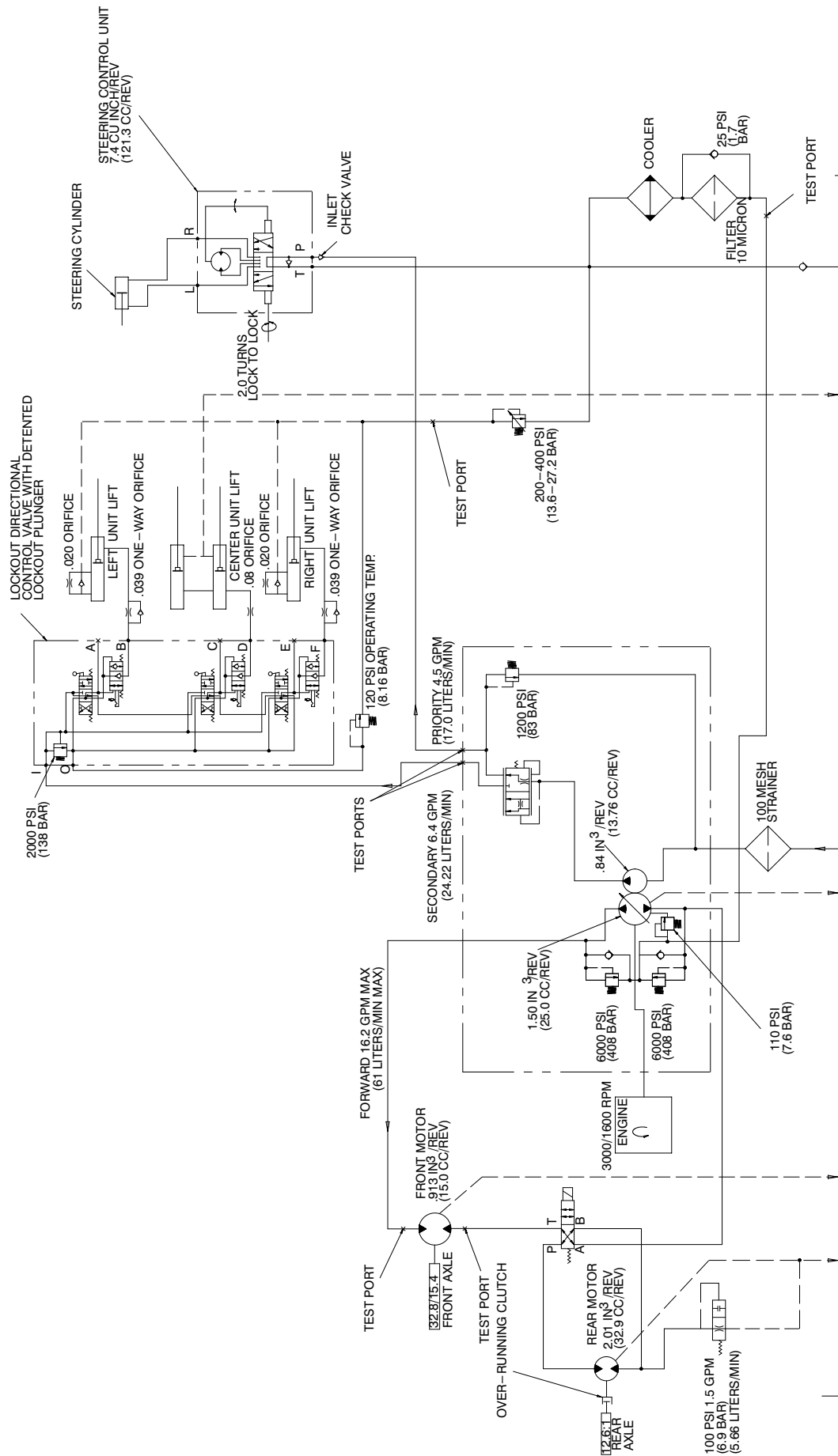
# FUEL FILTER ASSEMBLY NO. 76-5300

| Ref. No. | Part No. | Description                                | No. Used |
|----------|----------|--------------------------------------------|----------|
| 1        | 76-5180  | Washer – Copper                            | 4        |
| 2        | 76-5190  | Fitting – Adjustable                       | 2        |
| 3        | 94-8025  | O-Ring                                     | 1        |
| 4        |          | Seal – O-Ring                              | 1        |
| 5        | 76-5220  | Element – Filter<br>(Incl. Ref. #4, 6 & 8) | 1        |
| 6        |          | Seal – Gasket                              | 1        |
| 7        |          | Cap – Fuel Filter                          | 1        |

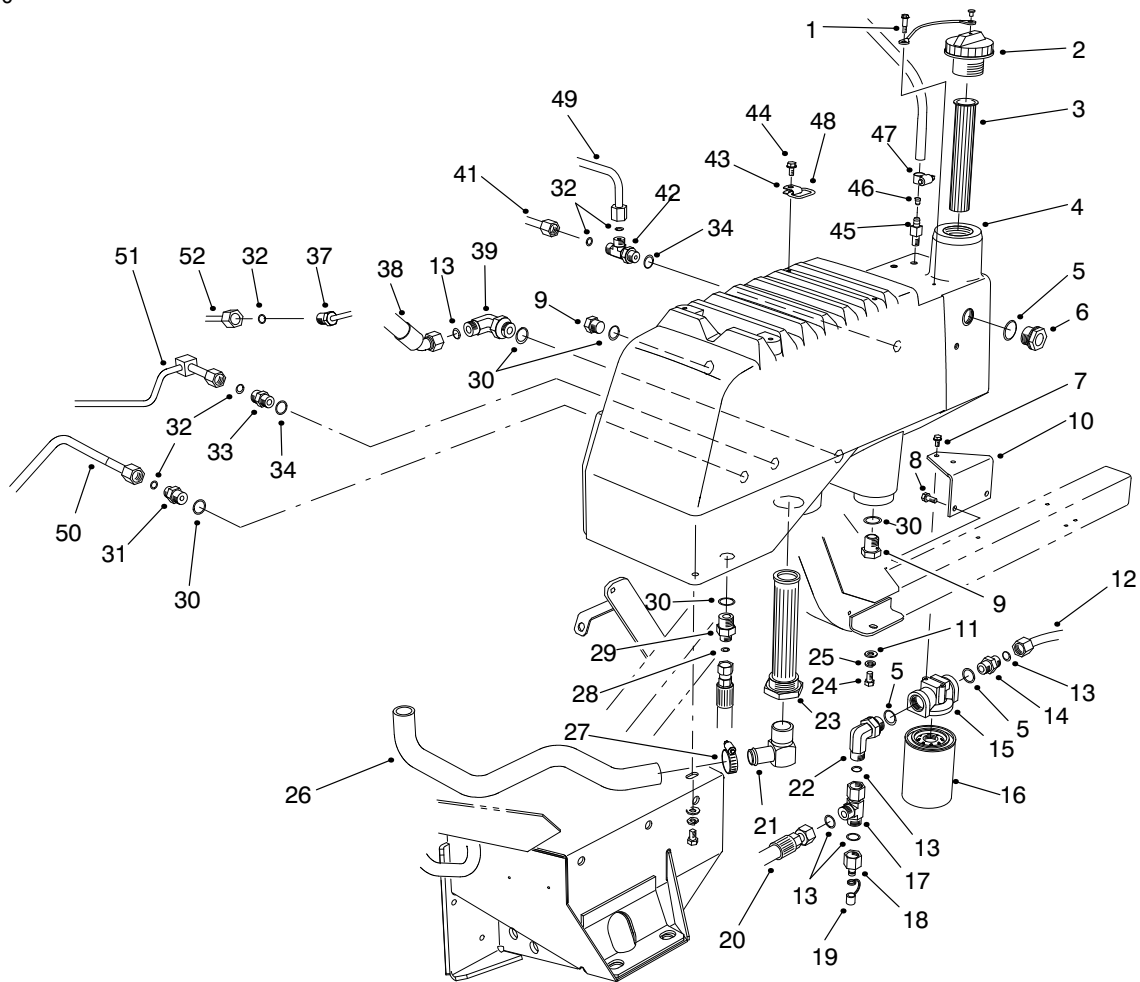
  

| Ref. No. | Part No. | Description                              | No. Used |
|----------|----------|------------------------------------------|----------|
| 8        |          | Seal – Gasket                            | 1        |
| 9        | 76-5320  | Water Sensor Assembly<br>(Incl. Ref. #3) | 1        |
| 10       | 94-8027  | O-Ring                                   | 1        |
| 11       | 94-8028  | O-Ring                                   | 1        |
| 12       | 94-8026  | Vent Assembly<br>(Incl. Ref. #10 & 11)   | 1        |
| 13       |          | Bolt                                     | 1        |

# HYDRAULIC SCHEMATIC



T-1496-1

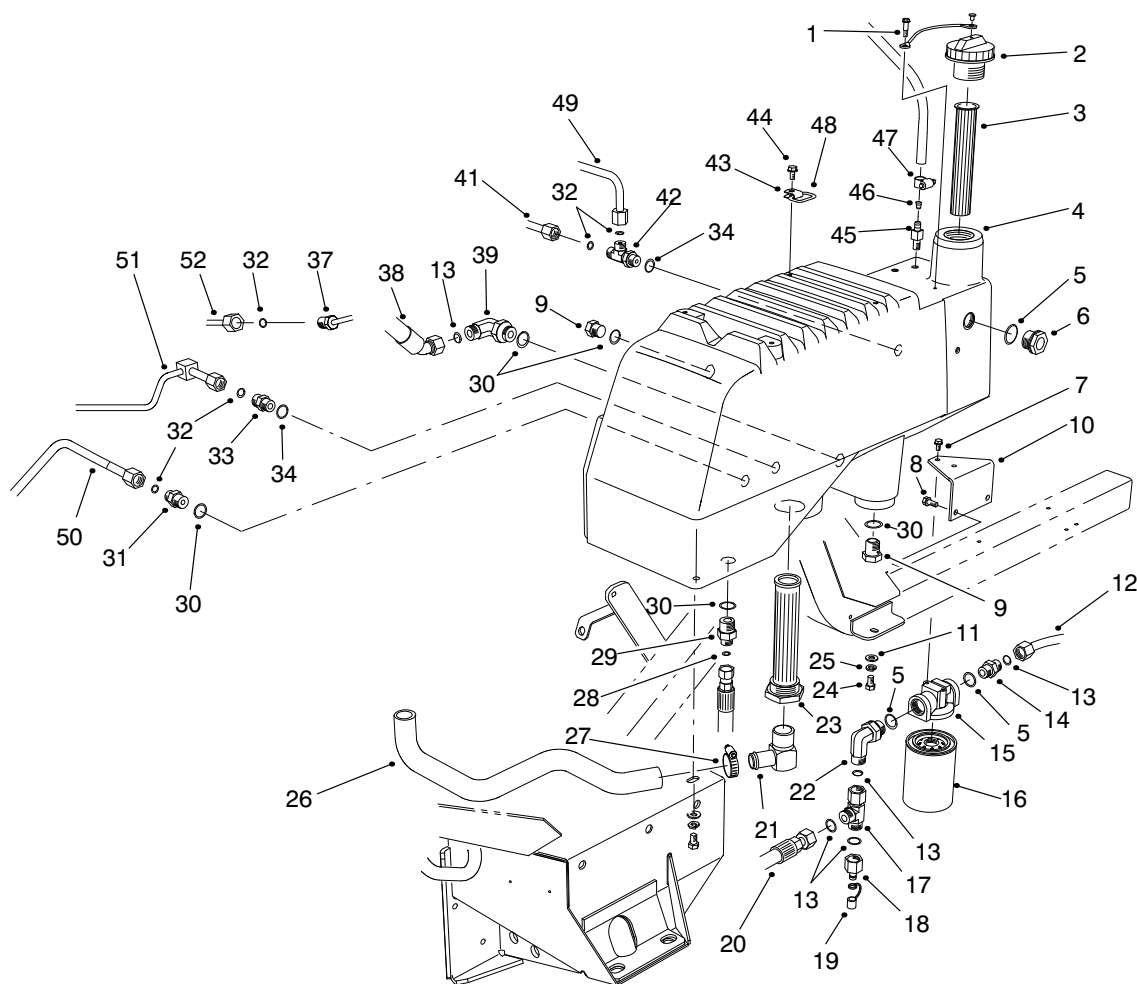


T-2704-1

## HYDRAULIC RESERVOIR ASSEMBLY

| Ref. No. | Part No. | Description                               | No. Used |
|----------|----------|-------------------------------------------|----------|
| 1        | 57-5420  | Screw - Shoulder                          | 1        |
| 2        | 93-7160  | Cap - Oil                                 | 1        |
| 3        | 61-2790  | Screen                                    | 1        |
| 4        | 82-3700  | Reservoir - Hydraulic                     | 1        |
| 5        | 237-81   | O-Ring                                    | 3        |
| 6        | 69-1170  | Gauge - Sight<br>(Incl. Ref. #5)          | 1        |
| 7        | 3234-13  | Screw - Hex. Washer Hd.                   | 2        |
| 8        | 32144-11 | Screw - Hex. Washer Hd.                   | 2        |
| 9        | 353-551  | Plug<br>(Incl. Ref. #30)                  | 2        |
| 10       | 92-5840  | Bracket - Mount, Filter                   | 1        |
| 11       | 240-11   | Grommet                                   | 3        |
| 12       | 74-6400  | Assembly - Tube, Filter Line              | 1        |
| 13       | 237-65   | O-Ring                                    | 5        |
| 14       | 340-8    | Fitting - Adapter<br>(Incl. Ref. #5 & 13) | 1        |
| 15       | 92-5821  | Assembly - Head, Filter                   | 1        |
| 16       | 86-3010  | Filter - Transmission                     | 1        |
| 17       | 340-147  | Fitting - Hydraulic<br>(Incl. Ref. #13)   | 1        |
| 18       | 86-5860  | Nipple                                    | 1        |
| 19       | 353-947  | Cap - Fitting                             | 1        |
| 20       | 86-5500  | Assembly - Hose                           | 1        |
| 21       | 354-87   | Fitting - Hydraulic 90°                   | 1        |

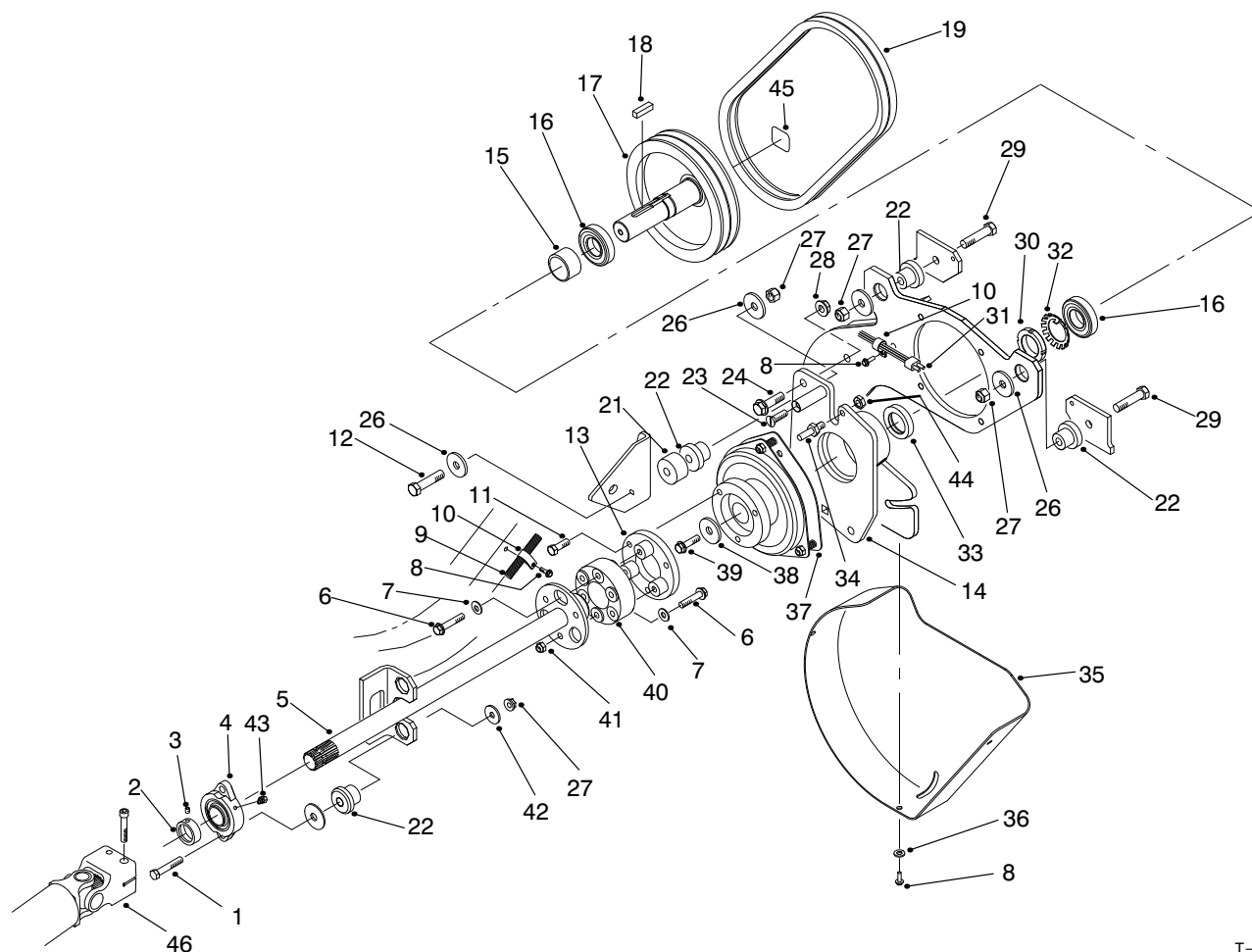
| Ref. No. | Part No. | Description                                      | No. Used |
|----------|----------|--------------------------------------------------|----------|
| 22       | 340-139  | Fitting - Hydraulic<br>(Incl. Ref. #5 & 13)      | 1        |
| 23       | 75-0550  | Strainer - Tank                                  | 1        |
| 24       | 323-5    | Screw - Cap Hex. Hd.                             | 3        |
| 25       | 63-8410  | Washer - Flat                                    | 3        |
| 26       | 86-2800  | Hose - Suction                                   | 1        |
| 27       | 2412-34  | Clamp - Hose                                     | 1        |
| 28       | 237-22   | O-Ring                                           | 1        |
| 29       | 340-141  | Fitting - Hydraulic<br>(Incl. Ref. #28 & 30)     | 1        |
| 30       | 237-80   | O-Ring                                           | 5        |
| 31       | 340-6    | Fitting - Adapter<br>(Incl. Ref. #30 & 32)       | 1        |
| 32       | 237-30   | O-Ring                                           | 5        |
| 33       | 340-4    | Fitting - Hydraulic<br>(Incl. Ref. #32 & 34)     | 1        |
| 34       | 237-79   | O-Ring                                           | 2        |
| 37       | 94-8298  | Hydraulic Tube Assembly                          | 1        |
| 38       | 86-3150  | Assembly - Hose                                  | 1        |
| 39       | 340-17   | Fitting - Hydraulic 90°<br>(Incl. Ref. #13 & 30) | 1        |
| 41       | 74-6230  | Assy. - Tube, Traction                           | 1        |
| 42       | 340-10   | Fitting - Tee<br>(Incl. Ref. #32 & 34)           | 1        |
| 43       | 76-9950  | Bracket - Ring                                   | 4        |
| 44       | 32144-4  | Screw - Thread Forming                           | 4        |



T-2704-1

## HYDRAULIC RESERVOIR ASSEMBLY

| Ref. No. | Part No. | Description        | No. Used | Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------|----------|----------|----------|--------------------------|----------|
| 45       | 354-103  | Male Hose Barb     | 1        | 49       | 86-5810  | Assembly - Tube          | 1        |
| 46       | 74-4080  | Orifice - Breather | 1        | 50       | 86-5750  | Tube Assembly            | 1        |
| 47       | 2412-36  | Clamp - Hose       | 1        | 51       | 94-8299  | Tube Assembly - Steering | 1        |
| 48       | 249-49   | Ring               | 4        | 52       | 86-5770  | Tube Assembly - Relief   | 1        |

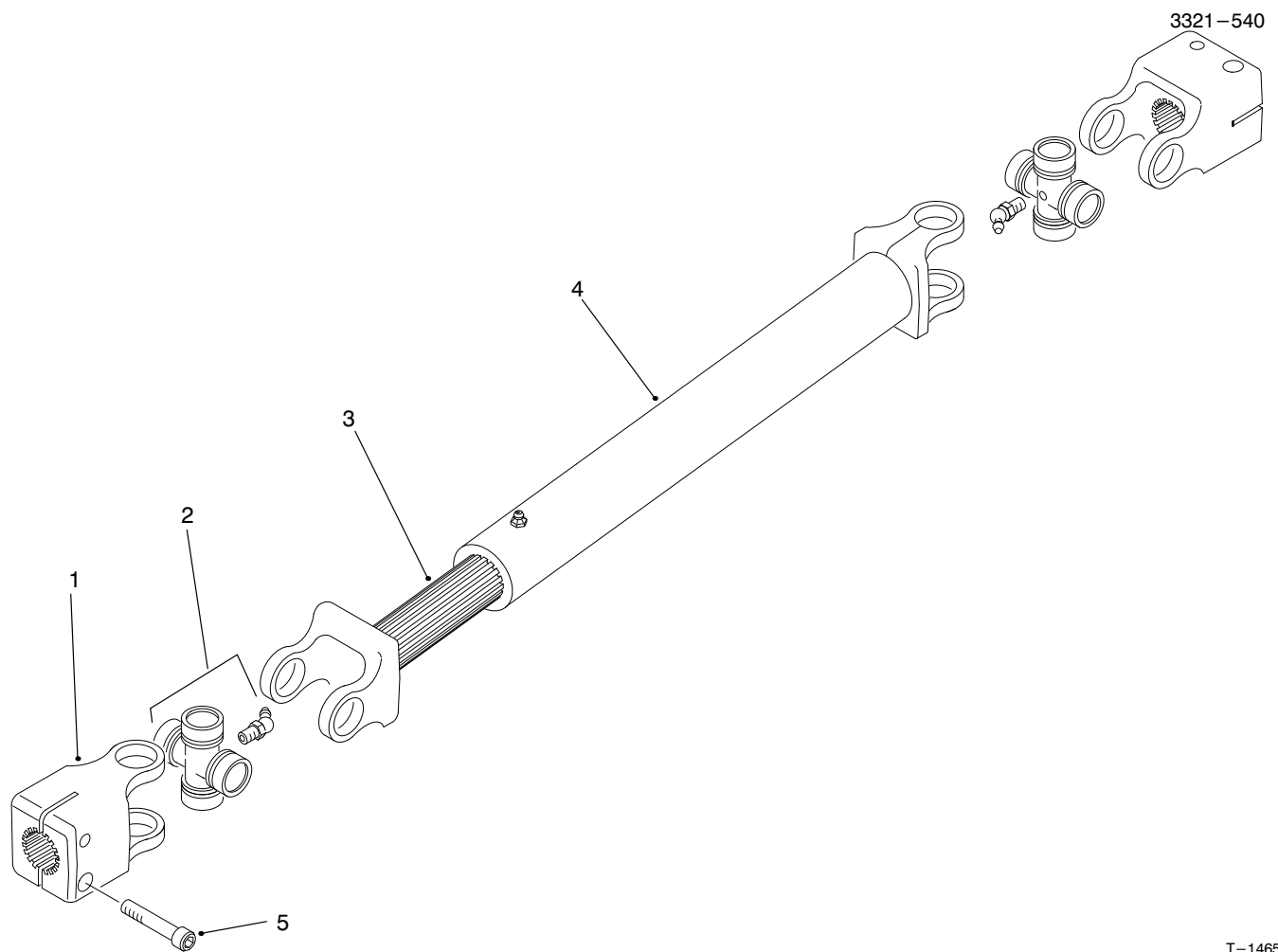


T-2706-1

## PTO SHAFT & CLUTCH ASSEMBLY

| Ref. No. | Part No. | Description                   | No. Used |
|----------|----------|-------------------------------|----------|
| 1        | 3274-71  | Screw - Soc. Hex. Hd.         | 2        |
| 2        |          | Collar - Bearing              | 1        |
| 3        |          | Screw - Set                   | 1        |
| 4        | 86-5620  | Bearing<br>(Incl. Ref. 2 & 3) | 1        |
| 5        | 84-1320  | Shaft - P.T.O.                | 1        |
| 6        | 66-9303  | Screw - Flange Head           | 6        |
| 7        | 3256-24  | Washer - Flat                 | 6        |
| 8        | 32144-11 | Screw - Hex. Washer Hd.       | 5        |
| 9        | 95-4375  | Harness - Wire                | 1        |
| 10       | 2412-109 | Clamp-J                       | 2        |
| 11       | 48-9470  | Bolt - Hex. Head              | 3        |
| 12       | 325-14   | Screw                         | 1        |
| 13       | 84-1410  | Adapter - Clutch              | 1        |
| 14       | 92-5818  | Housing - Bearing, Lower      | 1        |
| 15       | 88-1140  | Spacer - Bearing, Lower       | 1        |
| 16       | 251-310  | Bearing - Ball                | 2        |
| 17       | 84-0180  | Pulley - Lower                | 1        |
| 18       | 84-1540  | Key                           | 1        |
| 19       | 88-1170  | Belt - Matched Set            | 1        |
| 21       | 84-1570  | Spacer                        | 1        |
| 22       | 84-1550  | Mount - Rubber                | 5        |
| 23       | 88-1510  | Screw - Special               | 1        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 24       | 3234-22  | Screw - Flange Head  | 3        |
| 26       | 84-1560  | Washer - Thrust      | 4        |
| 27       | 3296-25  | Nut - Lock           | 5        |
| 28       | 32128-49 | Nut - Flange Head    | 3        |
| 29       | 325-9    | Screw - Cap Hex. Hd. | 2        |
| 30       | 88-1450  | Nut - Lock, Bearing  | 1        |
| 31       | 94-5623  | Harness - Wire, Main | 1        |
| 32       | 88-1460  | Washer - Lock        | 1        |
| 33       | 88-1150  | Spacer - Clutch      | 1        |
| 34       | 92-5817  | Pin - Clutch Stop    | 1        |
| 35       | 88-1280  | Cover - Belt, Lower  | 1        |
| 36       | 3256-70  | Washer - Flat        | 3        |
| 37       | 98-7250  | Clutch               | 1        |
| 38       | 84-1580  | Washer - Clutch      | 1        |
| 39       | 3234-19  | Screw - Flange Head  | 1        |
| 40       | 86-3040  | Flange - Rubber      | 1        |
| 41       | 3296-39  | Nut - Lock           | 3        |
| 42       | 86-1990  | Washer               | 4        |
| 43       | 302-60   | Fitting - Grease     | 1        |
| 44       | 3296-47  | Nut - Lock           | 1        |
| 45       | 93-9356  | Decal - Warning      | 1        |
| 46       | 86-1730  | Drive Shaft          | 1        |

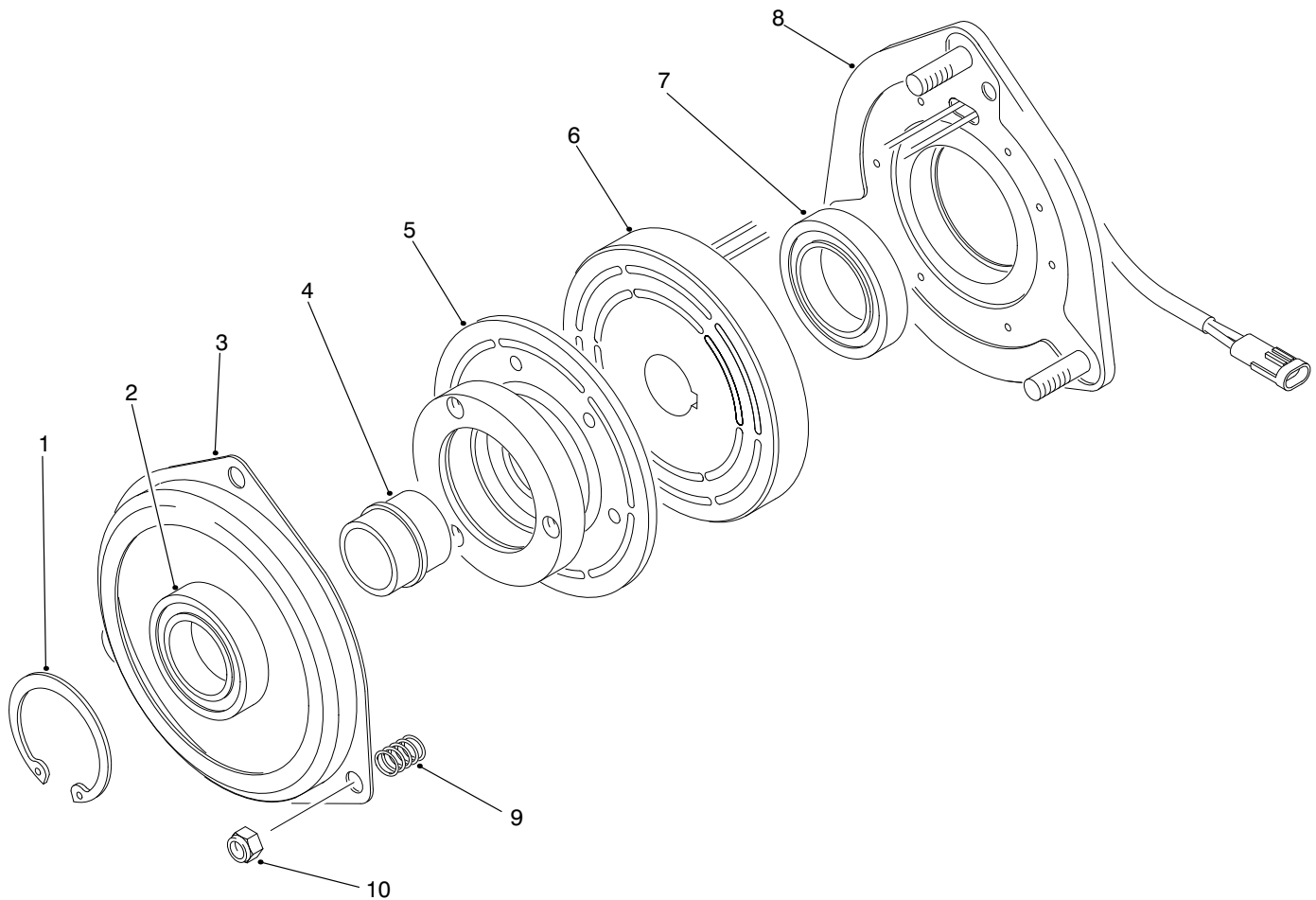


T-1465-1

## DRIVE SHAFT ASSEMBLY 86-1730

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 1        | 86-1150  | Yoke - End        | 2        |
| 2        | 86-1160  | Kit - Universal   | 2        |
| 3        | 86-1170  | Shaft - Slip Yoke | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 4        | 86-1180  | Tube - Slip Yoke        | 1        |
| 5        | 3273-17  | Screw - Hex. Socket Hd. | 4        |

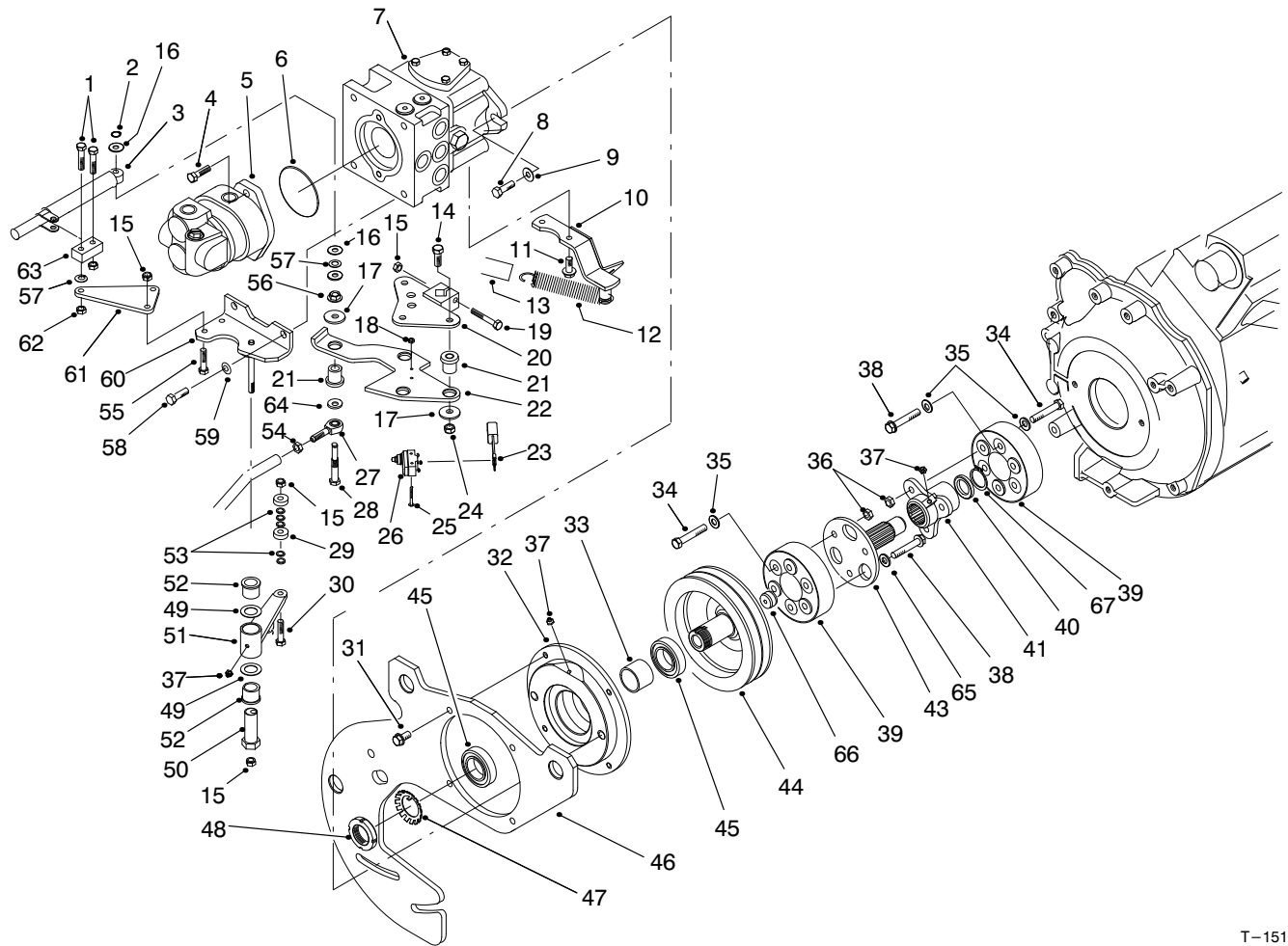


T-1523-1

## CLUTCH ASSEMBLY NO. 86-5610

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 1        |          | Ring – Retaining                              | 1        |
| 2        |          | Bearing                                       | 1        |
| 3        | 88-1370  | Plate – Brake                                 | 1        |
| 4        |          | Collar – Bearing                              | 1        |
| 5        | 98-7253  | Assembly – Armature<br>(Incl. Ref. #1, 2 & 4) | 1        |

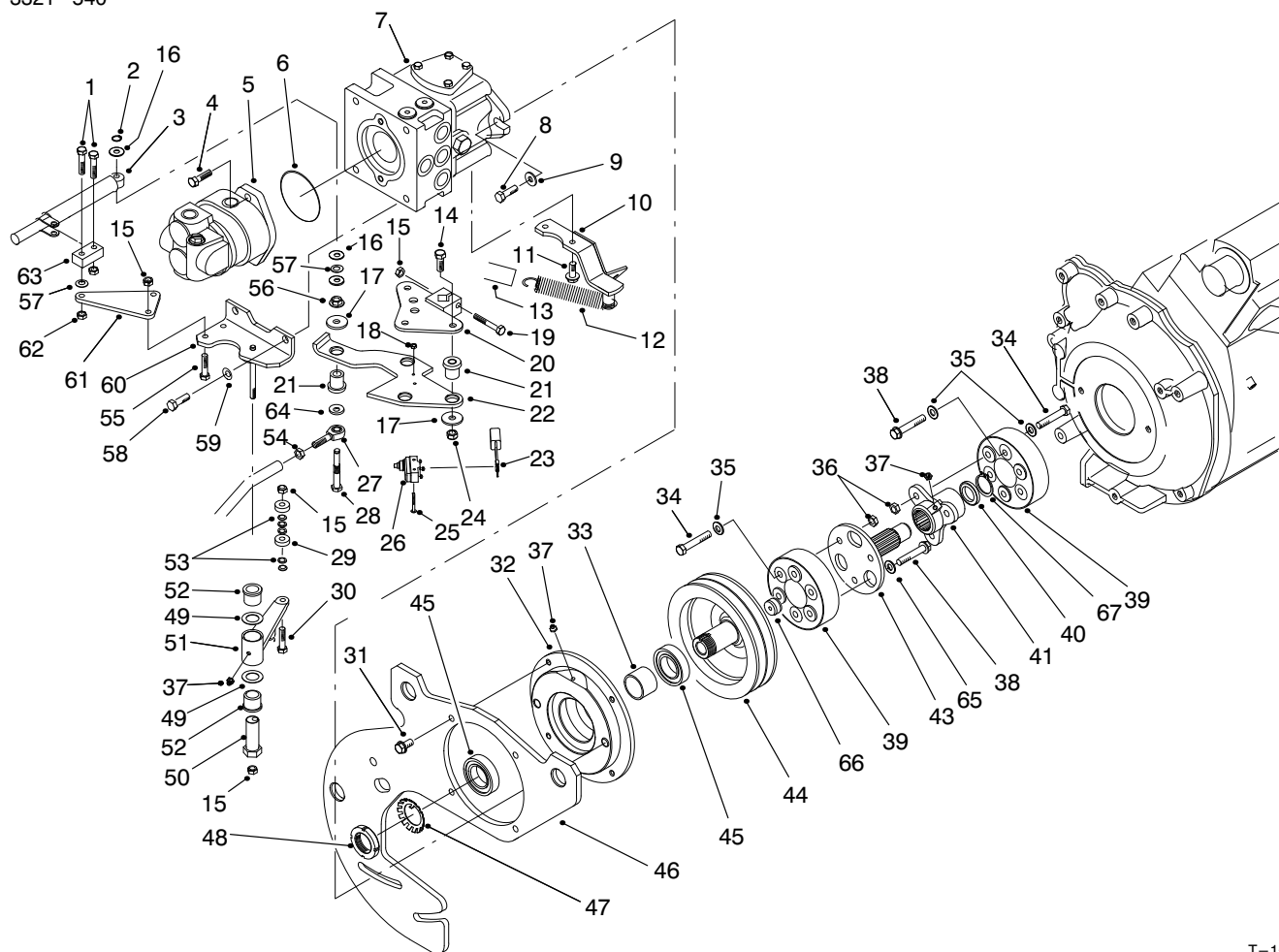
| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 6        |          | Assembly – Field Coil                         | 1        |
| 7        |          | Bearing – Field                               | 1        |
| 8        | 88-1610  | Assembly – Field Rotor<br>(Incl. Ref. #6 & 7) | 1        |
| 9        | 44-8320  | Spring                                        | 3        |
| 10       | 3296-6   | Nut – Lock                                    | 3        |



T-1511-3

## HYDRAULIC PUMP INSTALLATION ASSEMBLY

| Ref. No. | Part No. | Description             | No. Used | Ref. No. | Part No. | Description                                       | No. Used |
|----------|----------|-------------------------|----------|----------|----------|---------------------------------------------------|----------|
| 1        | 322-6    | Screw - Cap Hex. Hd.    | 2        | 27       | 2411-36  | Rod End                                           | 1        |
| 2        | 32151-73 | Ring - Clip             | 1        | 28       | 82-5280  | Shaft - Pivot                                     | 1        |
| 3        | 76-8870  | Assy. - Damper, Lever   | 1        | 29       | 251-259  | Bearing - Ball                                    | 2        |
| 4        | 323-7    | Screw - Cap Hex. Hd.    | 2        | 30       | 322-7    | Screw - Cap Hex. Hd.                              | 1        |
| 5        | 94-8297  | Assy. - Pump, Gear      | 1        | 31       | 3234-1   | Screw - Hex. Flange Hd.                           | 4        |
| 6        | 237-161  | O-Ring                  | 1        | 32       | 84-0750  | Housing - Bearing                                 | 1        |
| 7        | 86-5590  | Assembly - Pump         | 1        | 33       | 86-5940  | Spacer - Bearing                                  | 1        |
| 8        | 3213-2   | Screw - Hex. Hd. Flange | 2        | 34       | 323-47   | Screw - Cap Hex. Hd.                              | 6        |
| 9        | 3256-26  | Washer - Flat           | 2        | 35       | 3256-24  | Washer - Flat                                     | 9        |
| 10       | 84-1380  | Anchor - Spring         | 1        | 36       | 3296-39  | Nut - Lock                                        | 6        |
| 11       | 32144-26 | Screw - Hex. Washer Hd. | 2        | 37       | 302-5    | Fitting - Grease                                  | 3        |
| 12       | 76-9430  | Spring - Extension      | 1        | 38       | 66-9303  | Screw - Hex. Flange Hd.                           | 6        |
| 13       | 84-1480  | Hose - Dampener         | 1        | 39       | 86-3040  | Coupling - Rubber                                 | 2        |
| 14       | 323-29   | Screw - Cap Hex. Hd.    | 3        | 40       | 253-43   | Seal - Grease                                     | 1        |
| 15       | 3296-29  | Nut - Lock              | 5        | 41       | 84-1330  | Hub - Splined                                     | 1        |
| 16       | 3256-71  | Washer - Flat           | 3        | 43       | 84-1030  | Driveshaft                                        | 1        |
| 17       | 63-8410  | Washer                  | 4        | 44       | 84-0170  | Pulley - P.T.O.                                   | 1        |
| 18       | 3296-9   | Nut - Lock              | 2        | 45       | 251-314  | Bearing                                           | 2        |
| 19       | 322-10   | Screw - Cap Hex. Hd.    | 1        | 46       | 86-2830  | Plate - Adapter, Main                             | 1        |
| 20       | 82-5180  | Control - Pump          | 1        | 47       | 88-1440  | Washer - Lock                                     | 1        |
| 21       | 63-9751  | Mount - Rubber          | 4        | 48       | 88-1430  | Nut - Lock, Bearing                               | 1        |
| 22       | 88-1470  | Plate - Control, Pump   | 1        | 49       | 3-6498   | Washer                                            | 2        |
| 23       | 86-3020  | Wire - Neutral, Switch  | 1        | 50       | 76-8640  | Stud - Traction                                   | 1        |
| 24       | 3296-59  | Nut - Lock              | 3        | 51       | 92-2581  | Neutral Switch Arm Assy.<br>(Incl. Ref. #37 & 52) | 1        |
| 25       | 3249-11  | Screw - Machine Rd. Hd. | 2        | 52       | 256-113  | Bushing                                           | 2        |
| 26       | 29-6163  | Switch - Micro          | 1        |          |          |                                                   |          |

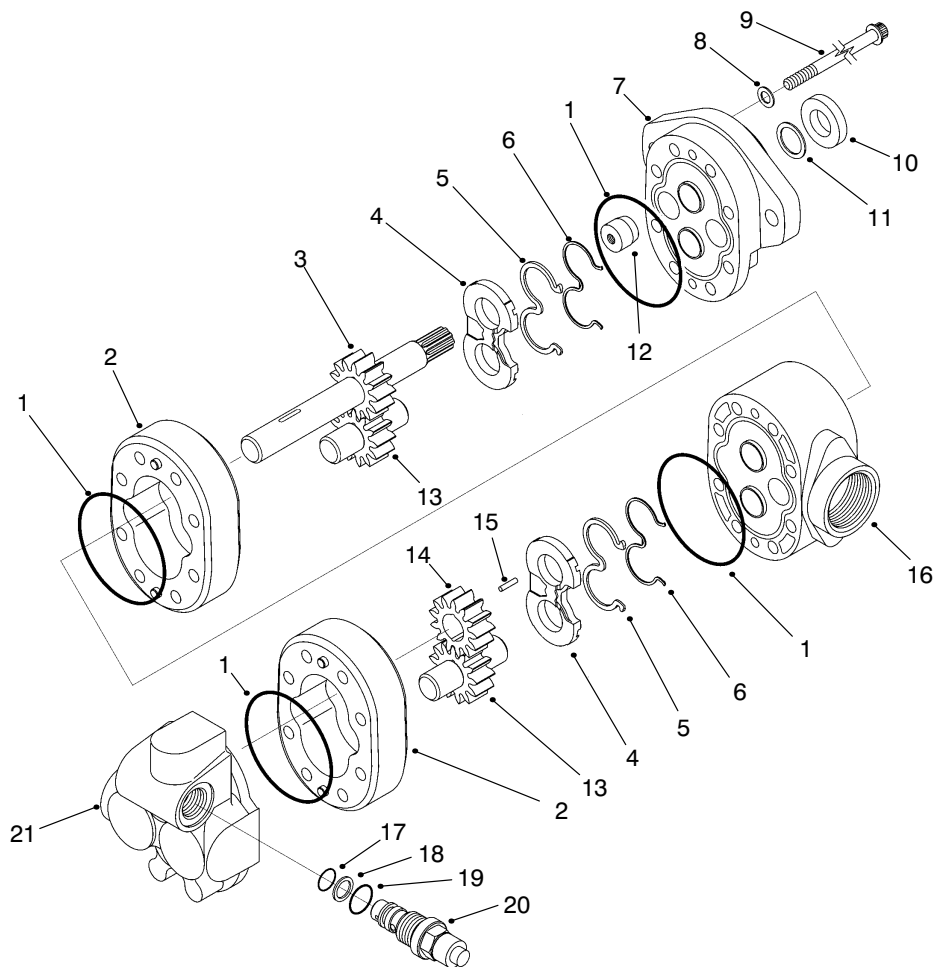


T-1511-3

## HYDRAULIC PUMP INSTALLATION ASSEMBLY (Cont.)

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 53       | 75-5470  | Washer               | 5        |
| 54       | 3220-3   | Nut - Jam            | 1        |
| 55       | 322-5    | Screw - Cap Hex. Hd. | 2        |
| 56       | 3290-357 | Nut - Flange Head    | 1        |
| 57       | 3290-477 | Washer - Curved      | 2        |
| 58       | 324-4    | Screw - Cap Hex. Hd. | 2        |
| 59       | 3253-6   | Washer - Lock        | 2        |
| 60       | 95-4352  | Bracket - Neutral    | 1        |

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 61       | 95-4351  | Plate - Pivot    | 1        |
| 62       | 3296-47  | Nut - Lock       | 2        |
| 63       | 76-9760  | Pivot - Damper   | 1        |
| 64       | 3256-3   | Washer           | 1        |
| 65       | 80-7730  | Spacer           | 3        |
| 66       | 92-1351  | Plug - Pulley    | 1        |
| 67       | 32120-74 | Ring - Retaining | 1        |



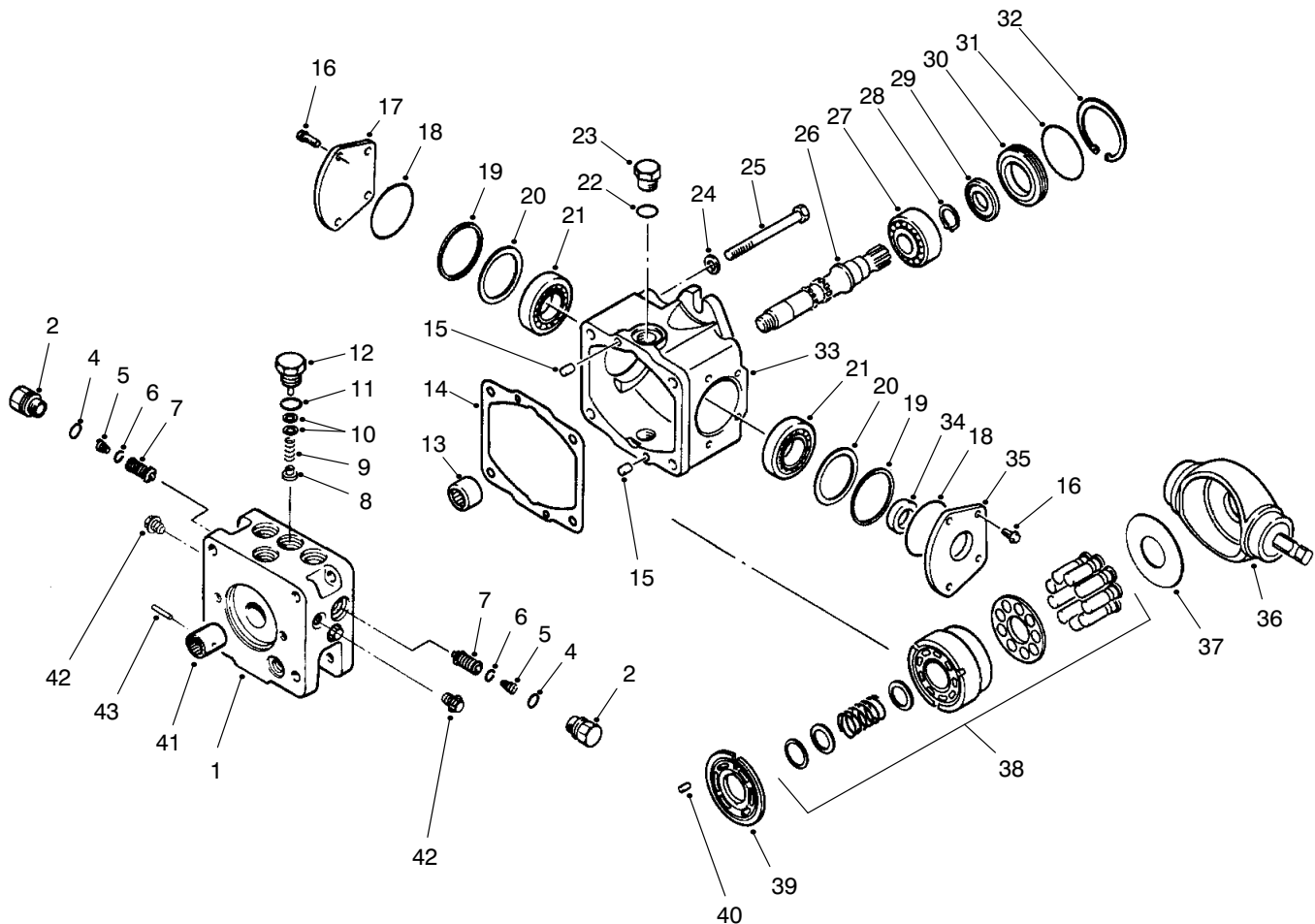
T-2619-1

## GEAR PUMP ASSEMBLY NO. 94-8297

| Ref. No. | Part No. | Description        | No. Used | Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|--------------------|----------|----------|----------|---------------------------------------------|----------|
| †1       | 56-6710  | O-Ring             | 4        | 13       | 95-4366  | Asm. - Gear, Idler                          | 2        |
| 2        | 95-4364  | Asm. - Body        | 2        | 14       | 95-4373  | Gear                                        | 1        |
| 3        | 95-4365  | Asm. - Gear, Drive | 1        | 15       | 95-4372  | Key                                         | 1        |
| 4        | 95-4368  | Plate - Wear       | 2        | 16       | 95-4371  | Plate - Adapter                             | 1        |
| 5        | 95-4367  | Gasket - Backup    | 2        | 17       |          | O-Ring                                      | 1        |
| 6        | 95-4369  | Seal               | 2        | 18       |          | Washer                                      | 1        |
| 7        | 95-4362  | Asm. - Frontplate  | 1        | 19       |          | O-Ring                                      | 1        |
| 8        | 94-8160  | Washer             | 1        | 20       |          | Valve                                       | 1        |
| 9        | 95-4370  | Screw - Cap        | 8        | 21       | 95-4363  | Asm. - Backplate                            | 1        |
| 10       | 49-2640  | Seal - Shaft       | 1        | *        | 95-4374  | Asm. - Valve, Relief<br>(Incl. Ref. #17-20) | 1        |
| 11       | 60-5890  | Washer             | 1        |          |          |                                             |          |
| 12       | 94-3011  | Plug               | 1        |          |          |                                             |          |

\*Not Illustrated

†Not Serviced Separately

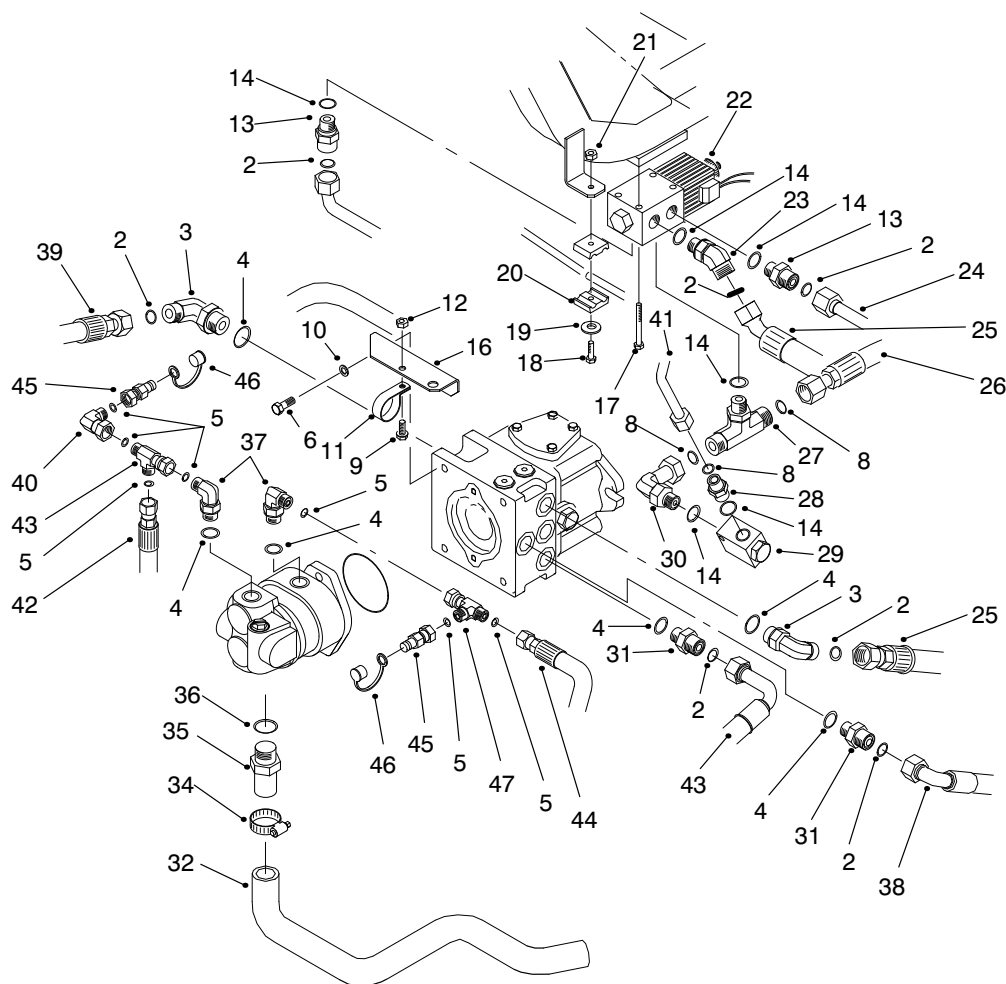


T-1497-1

## TRACTION PUMP ASSEMBLY NO. 86-5590

| Ref. No. | Part No. | Description                       | No. Used |
|----------|----------|-----------------------------------|----------|
| 1        | 92-1354  | Cap - End                         | 1        |
| 2        | 92-1355  | Plug - Special                    | 2        |
| 4        | 75-0240  | O-Ring                            | 2        |
| 5        | 75-0140  | Spring - Conical                  | 2        |
| 6        | 84-0550  | Ring - Retaining                  | 2        |
| 7        | 92-1356  | Valve - Screw 415 BAR             | 2        |
| 8        | 84-0480  | Poppet - Charge Relief            | 1        |
| 9        | 84-0490  | Spring - Compression              | 1        |
| 10       | 92-1353  | Shim                              | 1        |
| 11       | 28-3570  | O-Ring                            | 1        |
| 12       | 84-0500  | Assy. - Charge Relief Plug        | 1        |
| 13       | 75-0500  | Bearing - Needle                  | 1        |
| 14       | 84-0210  | Gasket - End Cap                  | 1        |
| 15       | 75-0480  | Pin                               | 2        |
| 16       | 84-0460  | Screw                             | 8        |
| 17       | 84-0440  | Cover - Trunnion                  | 2        |
| 18       | 84-0430  | O-Ring                            | 4        |
| 19       | 84-0270  | Spacer - Trunnion                 | 4        |
| 20       | 84-0570  | Shim - Trunnion Kit               | 4        |
| 21       | 84-0260  | Bearing - Roller                  | 4        |
| 22       | 353-551  | Plug Assembly<br>(Incl. Ref. #23) | 3        |

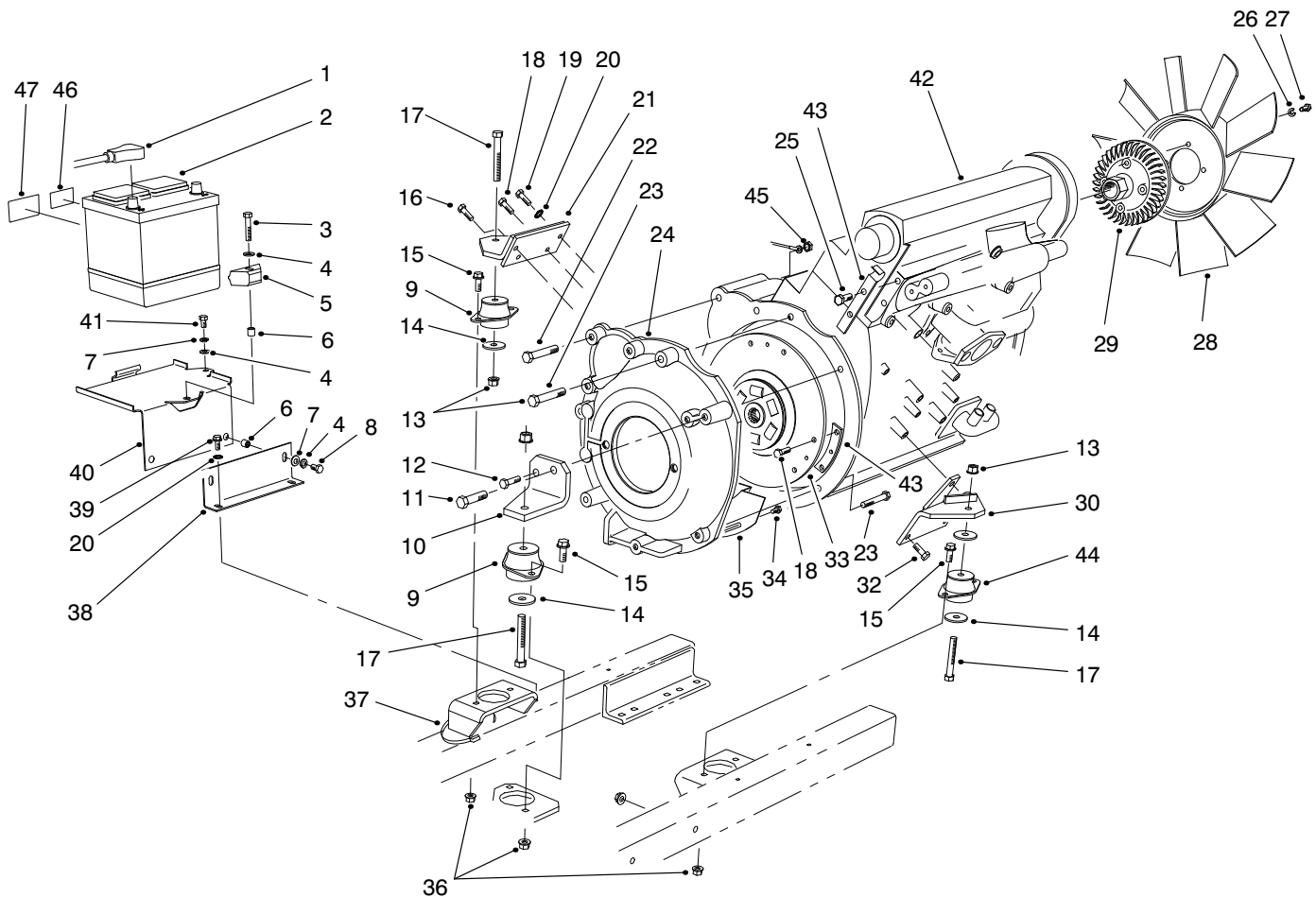
| Ref. No. | Part No. | Description               | No. Used |
|----------|----------|---------------------------|----------|
| 23       | 237-80   | O-Ring                    | 3        |
| 24       | 84-0360  | Washer                    | 8        |
| 25       | 84-0330  | Screw - Cap Hex. Hd.      | 8        |
| 26       | 84-0300  | Shaft - Pump              | 1        |
| 27       | 84-0310  | Bearing - Ball            | 1        |
| 28       | 84-0320  | Ring - Retaining          | 1        |
| 29       | 84-0400  | Seal - Lip                | 1        |
| 30       | 84-0410  | Carrier - Seal            | 1        |
| 31       | 28-3520  | O-Ring                    | 1        |
| 32       | 84-0380  | Ring - Retaining Internal | 2        |
| 33       | 84-0240  | Housing - Pump            | 1        |
| 34       | 84-0470  | Seal - Lip                | 2        |
| 35       | 84-0450  | Cover - Trunnion          | 1        |
| 36       | 84-0250  | Swash Plate - Variable    | 1        |
| 37       | 75-0400  | Plate - Thrust            | 1        |
| 38       | 75-0470  | Kit - Cylinder Block      | 1        |
| 39       | 84-0280  | Plate - Valve R.H.        | 1        |
| 40       | 75-0510  | Pin                       | 1        |
| 41       | 92-1358  | Coupling                  | 1        |
| 42       | 92-1352  | Plug                      | 3        |
| 43       | 92-1357  | Pin                       | 1        |



T-2720-1

## HYDRAULIC PUMP FITTINGS ASSEMBLY

| Ref. No. | Part No. | Description                                  | No. Used | Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|----------------------------------------------|----------|----------|----------|---------------------------------------------|----------|
| 2        | 237-65   | O-Ring                                       | 7        | 28       | 340-4    | Fitting - Hydraulic (Incl. Ref. #8 & 14)    | 1        |
| 3        | 340-17   | Fitting - Hydraulic 90° (Incl. Ref. #2 & 4)  | 1        | 29       | 84-0720  | Valve - Velocity                            | 1        |
| 4        | 237-80   | O-Ring                                       | 5        | 30       | 340-165  | Fitting - Hydraulic (Incl. Ref. #14)        | 1        |
| 5        | 237-22   | O-Ring                                       | 7        | 31       | 340-7    | Fitting - Hydraulic (Incl. Ref. #2 & 4)     | 2        |
| 6        | 324-4    | Screw - Cap Hex. Hd.                         | 2        | 32       | 86-2800  | Hose - Suction                              | 1        |
| 8        | 237-30   | O-Ring                                       | 3        | 34       | 2412-34  | Clamp - Hose                                | 1        |
| 9        | 322-2    | Screw - Cap Hex. Hd.                         | 1        | 35       | 95-4356  | Fitting - Hydraulic (Incl. Ref. #36)        | 1        |
| 10       | 3253-6   | Washer - Lock                                | 2        | 36       | 237-146  | O-Ring                                      | 1        |
| 11       | 2412-104 | Clamp - R                                    | 1        | 37       | 340-18   | Fitting - Hydraulic 90° (Incl. Ref. #4 & 5) | 2        |
| 12       | 32128-20 | Nut - Lock, Flange Head                      | 1        | 38       | 86-5500  | Assembly - Hose                             | 1        |
| 13       | 340-155  | Fitting - Hydraulic 90° (Incl. Ref. #2 & 14) | 2        | 39       | 86-3150  | Assembly - Hose                             | 1        |
| 14       | 237-79   | O-Ring                                       | 6        | 40       | 340-159  | Fitting - Hydraulic 90° (Incl. Ref. #5)     | 1        |
| 16       | 88-1290  | Bracket - Rod, Seat                          | 1        | 41       | 86-5810  | Assembly - Tube                             | 1        |
| 17       | 321-15   | Screw - Cap Hex. Hd.                         | 2        | 42       | 86-5570  | Hose Assembly                               | 1        |
| 18       | 322-6    | Screw - Cap Hex. Hd.                         | 1        | 43       | 92-5830  | Assembly - Hose                             | 1        |
| 19       | 3256-71  | Washer - Flat                                | 1        | 44       | 95-4354  | Hose Assembly                               | 1        |
| 20       | 56-7973  | Clamp                                        | 2        | 45       | 86-5480  | Fitting - Diagnostic                        | 2        |
| 21       | 3296-47  | Nut - Lock                                   | 1        | 46       | 354-79   | Cap - Fitting                               | 2        |
| 22       | 76-9970  | Valve - 4 WD                                 | 1        | 47       | 340-115  | Fitting - Hydraulic, Tee (Incl. Ref. #5)    | 2        |
| 23       | 340-55   | Fitting - Hydraulic 45° (Incl. Ref. #2 & 14) | 1        |          |          |                                             |          |
| 24       | 86-2770  | Assembly - Tube, Traction                    | 1        |          |          |                                             |          |
| 25       | 92-5828  | Assembly - Hose                              | 1        |          |          |                                             |          |
| 26       | 86-2710  | Assembly - Hose, Rear                        | 1        |          |          |                                             |          |
| 27       | 340-157  | Fitting - Tee (Incl. Ref. #8 & 14)           | 1        |          |          |                                             |          |



T-1513-3

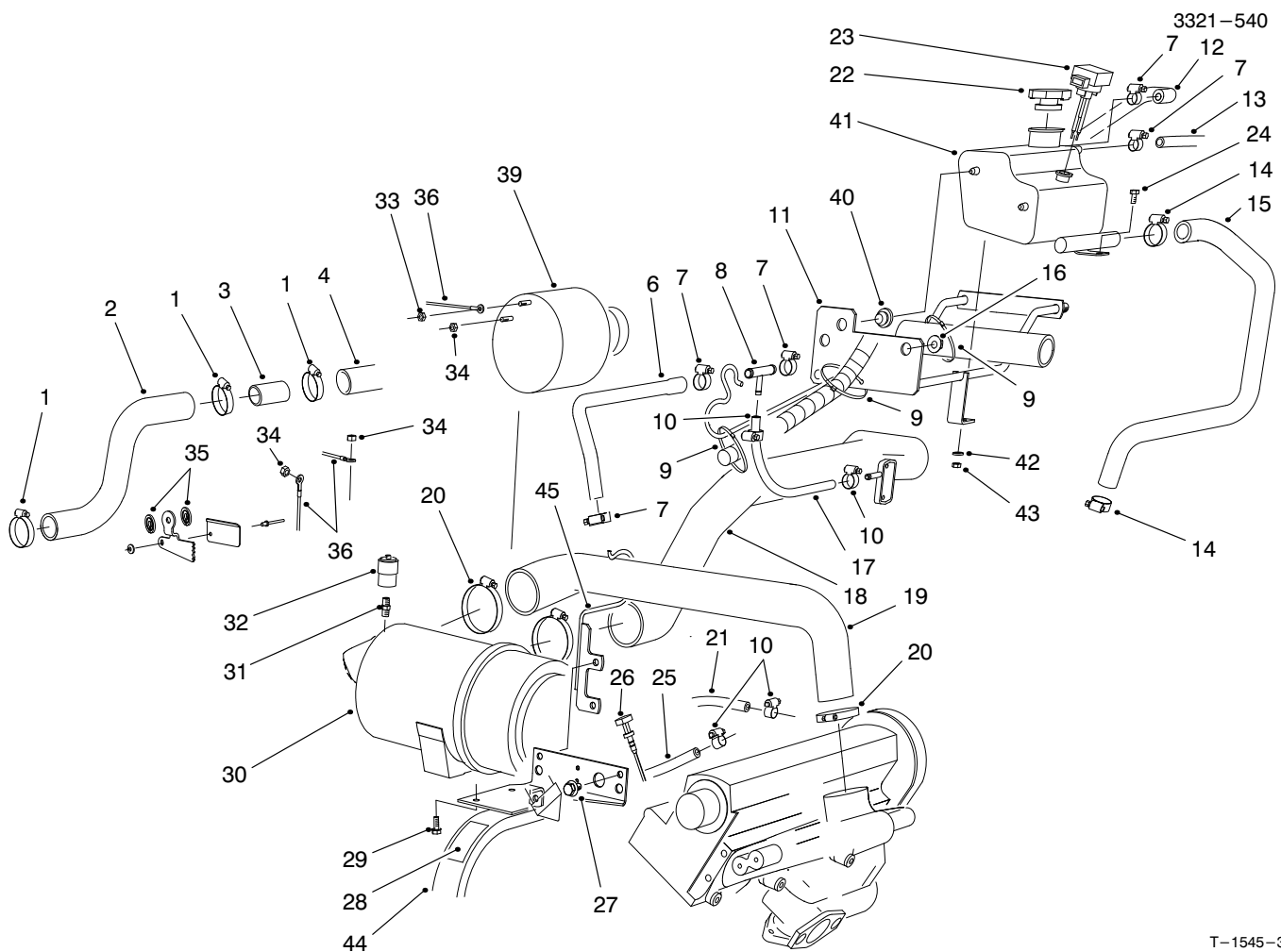
## ENGINE & BATTERY INSTALLATION ASSEMBLY

| Ref. No. | Part No.  | Description               | No. Used |
|----------|-----------|---------------------------|----------|
| 1        | 74-9080   | Cable - Battery Pos.      | 1        |
| *        | 74-9090   | Cable - Battery Neg.      | 1        |
| †2       |           | Battery                   | 1        |
| 3        | 323-9     | Screw - Cap Hex. Hd.      | 1        |
| 4        | 3256-24   | Washer - Flat             | 4        |
| 5        | 66-2490   | Clamp - Battery           | 1        |
| 6        | 32148-10  | Insert - Threaded         | 3        |
| 7        | 3253-21   | Washer - Lock             | 3        |
| 8        | 323-33    | Screw - Cap Hex. Hd.      | 2        |
| 9        | 53-9681   | Mount - Rubber, Engine    | 2        |
| 10       | 74-5470   | Mount - Engine            | 1        |
| 11       | 48-7840   | Screw - Cap Hex. Hd.      | 1        |
| 12       | 48-9470   | Screw - Cap Hex. Hd.      | 1        |
| 13       | 32128-37  | Nut - Lock, Flange Hd.    | 3        |
| 14       | 87-5100   | Washer - Flat             | 4        |
| 15       | 3234-11   | Screw                     | 6        |
| 16       | 57-6380   | Screw - Cap Hex. Hd.      | 1        |
| 17       | 324-12    | Screw - Cap Hex. Hd.      | 3        |
| 18       | 42-9230   | Screw - Cap Hex. Hd.      | 8        |
| 19       | 33114-030 | Screw - Cap Hex. Hd.      | 1        |
| 20       | 3255-8    | Washer - Lock, Ext. Tooth | 2        |
| 21       | 76-4120   | Mount - Engine            | 1        |
| 22       | 48-7810   | Screw - Cap Hex. Hd.      | 3        |
| 23       | 48-7570   | Screw - Cap Hex. Hd.      | 3        |
| 24       | 84-0760   | Adapter - Pump to Engine  | 1        |

| Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|---------------------------------------------|----------|
| 25       | 93-5398  | Screw - Cap Hex. Hd.                        | 2        |
| 26       | 3253-4   | Washer - Lock                               | 4        |
| 27       | 322-3    | Screw - Cap Hex. Hd.                        | 4        |
| 28       | 74-3650  | Fan                                         | 1        |
| 29       | 74-5520  | Clutch - Fan                                | 1        |
| 30       | 76-4220  | Mount - Engine                              | 1        |
| 31       | 53-9682  | Mount - Rubber, Eng                         | 1        |
| 32       | 48-7780  | Screw - Cap Hex. Hd.                        | 3        |
| 33       | 84-1440  | Plate - Adapter                             | 1        |
| 34       | 48-7610  | Screw - Cap Hex. Hd.                        | 3        |
| 35       | 77-3600  | Shield - Adapter<br>(Furnished with engine) | 1        |
| 36       | 3290-357 | Nut - Lock                                  | 6        |
| 37       | 3290-378 | Tie - Cable                                 | 1        |
| 38       | 76-4310  | Support - Base, Battery                     | 1        |
| 39       | 32144-11 | Screw - Hex. Washer Hd.                     | 2        |
| 40       | 14-0949  | Battery Base Assembly<br>(Incl. Ref. #6)    | 1        |
| 41       | 323-4    | Screw - Cap Hex. Hd.                        | 1        |
| 42       | 93-4233  | Engine Assembly                             | 1        |
| 43       | 94-5615  | Bracket - Return Hose                       | 1        |
| 44       | 53-9682  | Mount - Rubber, Engine                      | 1        |
| 45       | 48-7930  | Nut - Hex.                                  | 1        |
| 46       | 93-7276  | Decal - Danger                              | 1        |
| 47       | 93-6668  | Decal - Recycle                             | 1        |

\*Not Illustrated

†Obtain Locally

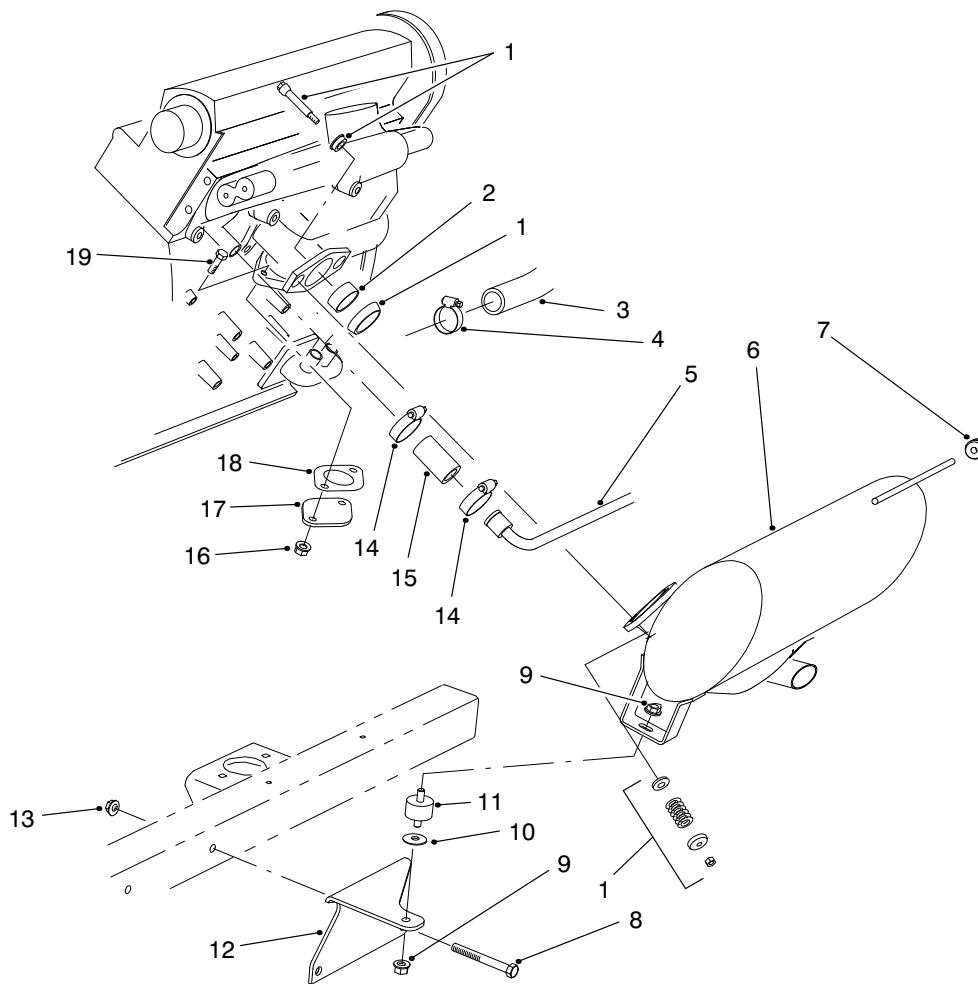


T-1545-3

## ENGINE PLUMBING ASSEMBLY

| Ref. No. | Part No. | Description               | No. Used | Ref. No. | Part No.  | Description                | No. Used |
|----------|----------|---------------------------|----------|----------|-----------|----------------------------|----------|
| 1        | 2412-3   | Clamp - Hose              | 3        | †23      | 94-9984   | Sensor - Water Level       | 1        |
| 2        | 94-1418  | Hose - Radiator, Upper    | 1        | 24       | 33105-020 | Screw - Hex. Hd. Flange    | 1        |
| 3        | 93-7594  | Spacer - Tubular          | 1        | 25       | 63-7622   | Hose - Fuel                | 1        |
| 4        | 93-7221  | Hose - Radiator, Upper    | 1        | †26      | 93-9175   | Dipstick                   | 1        |
| 6        | 94-2630  | Hose - Return             | 1        | 27       | 3234-11   | Screw - Flange             | 3        |
| 7        | 2412-36  | Clamp - Hose              | 5        | 28       | 93-7275   | Decal - Starting Fluid     | 1        |
| 8        | 93-4207  | Fitting - Hose Tee        | 1        | 29       | 33104-016 | Screw - Hex. Hd. Flange    | 2        |
| 9        | 3290-378 | Tie - Cable               | 2        | 30       | 93-7485   | Filter Assembly            | 1        |
| 10       | 2412-108 | Clamp - Hose              | 4        | 31       | 94-1416   | Adapter Assembly           | 1        |
| 11       | 93-7229  | Degassing Support Asm.    | 1        | 32       | 93-9164   | Service Indicator          | 1        |
| 12       | 93-7788  | Hose - Return             | 1        | 33       | 48-7930   | Nut - Hex.                 | 1        |
| 13       | 94-5625  | Hose - Radiator, Overflow | 1        | 34       | 48-7880   | Nut - Hex.                 | 3        |
| 14       | 2412-129 | Clamp - Hose              | 2        | 35       | 86-2990   | Mount - Throttle Cable     | 2        |
| 15       | 94-5604  | Hose - Overflow           | 1        | 36       | 94-5623   | Wire Harness - Main        | 1        |
| 16       | 3290-357 | Nut - Flange              | 3        | 39       | 94-3252   | Alternator                 | 1        |
| 17       | 63-7622  | Hose - Fuel Line          | 1        | †40      | 94-2801   | Grommet - Rubber           | 2        |
| 18       | 93-7224  | Hose - Intake             | 1        | †41      | 94-9983   | Box - Degassing            | 1        |
| 19       | 93-7223  | Hose - Air Cleaner        | 1        | 42       | 33093-00  | Washer - Flat              | 1        |
| 20       | 2412-125 | Clamp - Hose              | 3        | 43       | 33023-00  | Nut - Lock, Nylon Insert   | 1        |
| 21       | 63-7627  | Hose - Fuel               | 1        | 44       | 93-7236   | Bracket - Support          | 1        |
| †22      | 94-2800  | Cap - Radiator            | 1        | 45       | 94-8003   | Support - Air Cleaner Hose | 1        |

†Furnished with engine.

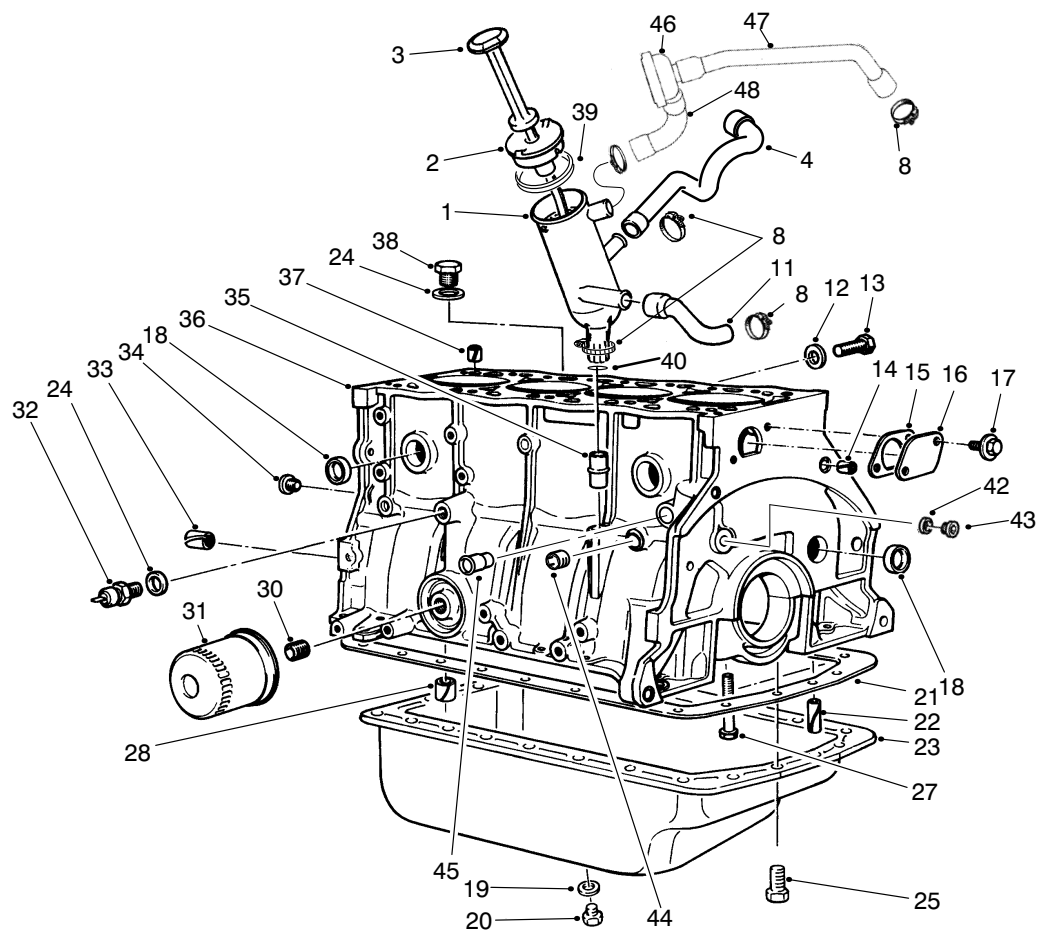


T-1544-1

## MUFFLER & AIR CLEANER INSTALLATION ASSEMBLY

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| †1       | 94-2814  | Kit – Exhaust Coupler   | 1        |
| †2       | 94-2815  | Sleeve – Exhaust Flange | 1        |
| 3        | 74-6020  | Hose – Radiator, Lower  | 1        |
| 4        | 2412-3   | Clamp – Hose            | 1        |
| 5        | 92-7381  | Tube – Water, Return    | 1        |
| 6        | 94-8012  | Muffler Assembly        | 1        |
| 7        | 94-2812  | Grommet                 | 1        |
| 8        | 323-20   | Screw – Cap Hex. Hd.    | 2        |
| 9        | 32128-20 | Nut – Lock, Flange      | 2        |
| 10       | 62-9510  | Washer – Brake Lever    | 1        |

| Ref. No. | Part No.  | Description               | No. Used |
|----------|-----------|---------------------------|----------|
| 11       | 94-5608   | Mount – Rubber            | 1        |
| 12       | 93-7245   | Bracket – Support         | 1        |
| 13       | 32128-19  | Nut – Lock, Flange        | 2        |
| 14       | 2412-129  | Clamp – Hose              | 4        |
| 15       | 74-6490   | Hose – Water Line         | 2        |
| 16       | 33004-00  | Nut – Hex. Flange         | 2        |
| 17       | 92-7382   | Cover – Manifold          | 1        |
| 18       | 77-3700   | Gasket – Muffler, Exhaust | 1        |
| 19       | 33104-020 | Screw – Hex. Hd. Flange   | 2        |

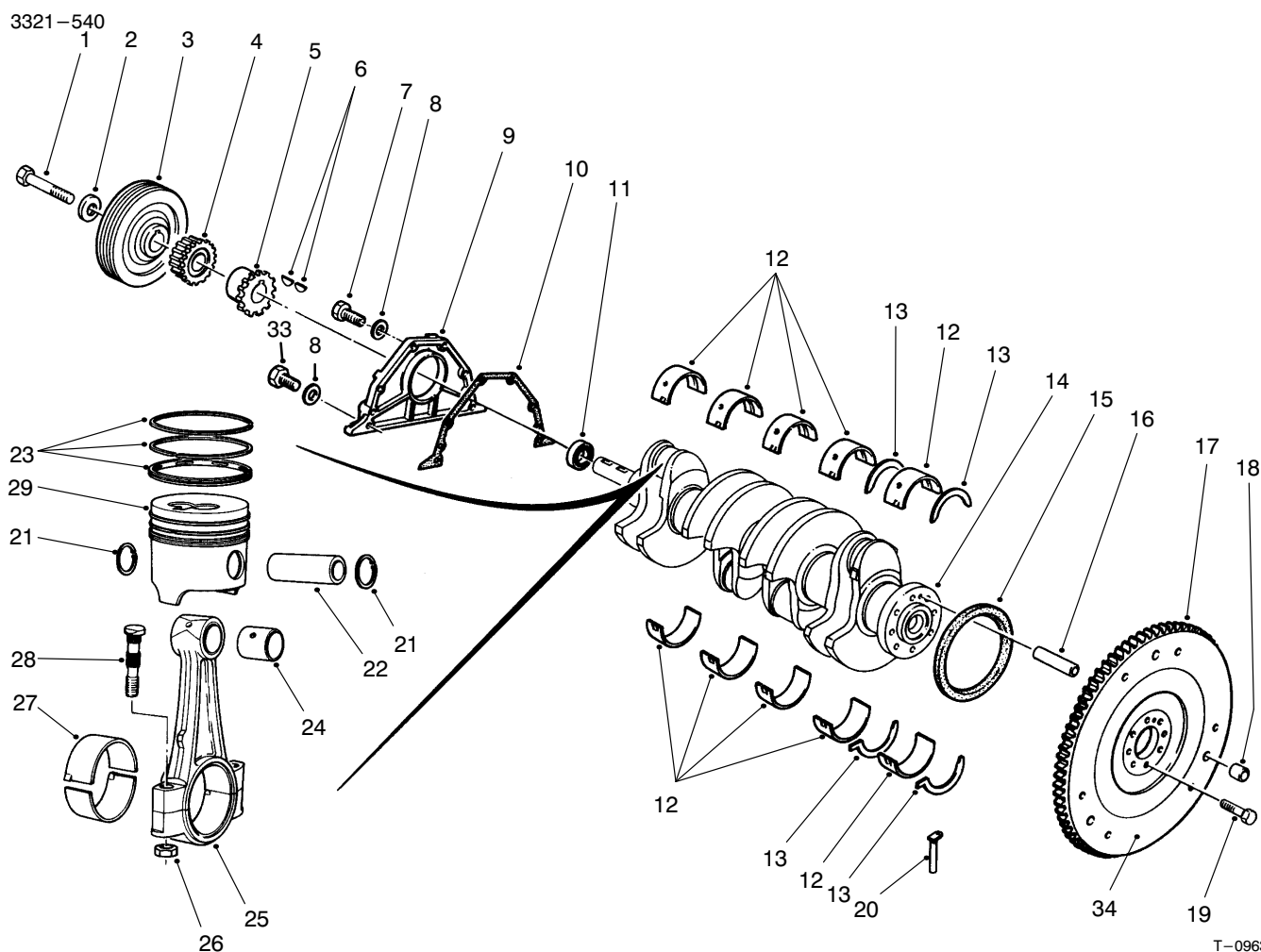


T-2142-1

## CRANKCASE ASSEMBLY

| Ref. No. | Part No. | Description                   | No. Used | Ref. No. | Part No. | Description                                       | No. Used |
|----------|----------|-------------------------------|----------|----------|----------|---------------------------------------------------|----------|
| 1        | 94-3181  | Oil Filler<br>(Incl. Ref. 39) | 1        | 27       | 74-7930  | Screw - Bearing Cap                               | 10       |
| 2        | 94-3182  | Plug                          | 1        | 28       | 74-7940  | Bushing - Spring                                  | 1        |
| 3        | 93-9175  | Dipstick - Oil                | 1        | 29       | 74-7950  | Screw - Plate                                     | 6        |
| 4        | 94-3184  | Union                         | 1        | 30       | 74-7960  | Stud - Filter                                     | 1        |
| 8        | 2412-129 | Clamp - Hose                  | 8        | 31       | 74-7970  | Filter - Oil                                      | 1        |
| 11       | 74-7770  | Hose - Crankcase              | 1        | 32       | 94-3180  | Switch - Pressure                                 | 1        |
| 12       | 74-7780  | Gasket                        | 1        | 33       | 74-7990  | Pin - Spring                                      | 4        |
| 13       | 74-7790  | Screw                         | 1        | 34       | 74-8000  | Plug                                              | 2        |
| 14       | 74-7800  | Pin                           | 2        | 35       | 74-8010  | Guide - Dipstick                                  | 1        |
| 15       | 74-7810  | Gasket - Plate                | 1        | 36       | 94-3100  | Short Block Assembly<br>(Incl. Pistons next page) | 1        |
| 16       | 74-7820  | Plate                         | 1        | 37       | 74-8030  | Pin - Spring                                      | 1        |
| 17       | 94-3112  | Screw - Washer Hd.            | 2        | 38       | 74-8040  | Plug - Drain                                      | 1        |
| 18       | 74-7840  | Plug - 27 mm Dia.             | 8        | 39       | 94-3183  | Gasket                                            | 1        |
| *        | 94-3108  | Plug - 27.5 mm Dia.           | 8        | 40       | 94-3186  | O-Ring                                            | 1        |
| *        | 94-3109  | Plug - 28.5 mm Dia.           | 9        | 42       | 94-3106  | Gasket                                            | 2        |
| 19       | 74-7320  | Gasket                        | 1        | 43       | 94-3104  | Plug - Threaded                                   | 2        |
| 20       | 74-7310  | Plug - Threaded               | 1        | 44       | 94-3103  | Plug - Threaded                                   | 1        |
| 21       | 74-7380  | Gasket - Oil Pan              | 1        | 45       | 94-3110  | Stud                                              | 1        |
| 22       | 94-3111  | Pin - Groove                  | 2        | 46       | 74-5760  | PCV Valve                                         | 1        |
| 23       | 74-7300  | Pan - Oil                     | 1        | 47       | 94-3192  | Union                                             | 1        |
| 24       | 74-7850  | Gasket                        | 2        | 48       | 94-3191  | Union                                             | 1        |
| 25       | 74-7330  | Screw - Cap Hex. Hd.          | 23       | *        | 74-7860  | Gasket Set<br>(Without Head Gasket)               | 1        |
| 26       | 77-3790  | Plug - Drain                  | 1        |          |          |                                                   |          |

\*Not Illustrated



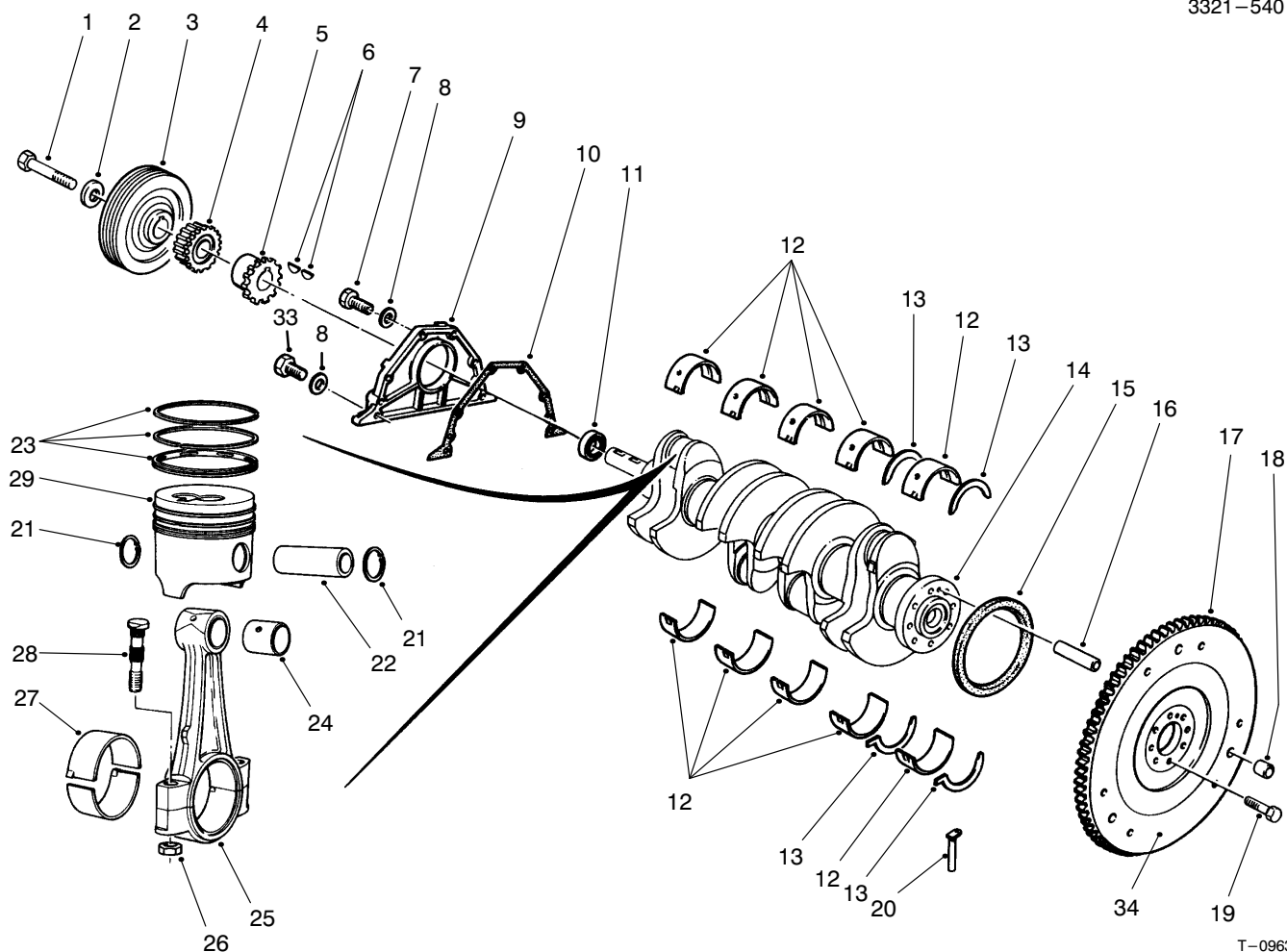
T-0963-1

## CRANKSHAFT ASSEMBLY

| Ref. No. | Part No. | Description                                    | No. Used |
|----------|----------|------------------------------------------------|----------|
| 1        | 94-3145  | Screw - Cap Hex. Hd.                           | 1        |
| 2        | 74-8080  | Washer                                         | 1        |
| 3        | 94-3144  | Pulley                                         | 1        |
| 4        | 74-8100  | Gear - Pinion                                  | 1        |
| 5        | 74-8110  | Sprocket - Oil Pump                            | 1        |
| 6        | 74-8120  | Key - Woodruff                                 | 2        |
| 7        | 94-3150  | Screw - Cap Hex. Hd.                           | 4        |
| 8        | 94-3151  | Washer                                         | 6        |
| 9        | 74-8140  | Cover                                          | 1        |
| 10       | 74-8150  | Gasket - Cover                                 | 1        |
| 11       | 94-3148  | Seal - Shaft                                   | 1        |
| 12       | 74-8170  | Bearing Set (Std.) Set of 10 Half Bearings     | 1        |
| *        | 74-8180  | Bearing Set (.30mm OS) Set of 10 Half Bearings | 1        |
| 13       | 94-3141  | Thrust Bearing Set (Std.)                      | 2        |
| *        | 74-8200  | Thrust Bearing Set (.10mm OS)                  | 2        |
| *        | 74-8210  | Thrust Bearing Set (.15mm OS)                  | 2        |
| *        | 74-8220  | Thrust Bearing Set (.20mm OS)                  | 2        |
| 14       | 74-8230  | Crankshaft                                     | 1        |

| Ref. No. | Part No. | Description                                                 | No. Used |
|----------|----------|-------------------------------------------------------------|----------|
| 15       | 74-8240  | Seal                                                        | 1        |
| 16       | 74-7990  | Pin                                                         | 1        |
| 17       | 94-3149  | Gear - Flywheel                                             | 1        |
| 18       | 74-8270  | Pin                                                         | 3        |
| 19       | 74-8280  | Screw - Cap Hex. Hd.                                        | 8        |
| 20       | 74-8290  | Seal - #1 Bearing Cap                                       | 2        |
| 21       | 74-8300  | Clip - Piston Pin                                           | 8        |
| 22       | 74-8310  | Pin - Piston                                                | 4        |
| 23       | 94-3158  | Piston Ring Set Std.                                        | 4        |
| *        | 74-8320  | Piston Ring Set - 0.20 mm                                   | 4        |
| *        | 74-8330  | Piston Ring Set - 0.50 mm                                   | 4        |
| *        | 74-8340  | Piston Ring Set - 0.80 mm                                   | 4        |
| 24       | 98-9965  | Bushing - Sleeve                                            | 4        |
| 25       | 74-8360  | Rod - Connecting, Set of 4 (Incl. Ref. #24)                 | 1        |
| 26       |          | Nut - Hex.                                                  | 8        |
| 27       | 74-8380  | Bearing - Connecting Rod (Std.) Set of 8 Half Bearings      | 1        |
| *        | 74-8390  | Bearing - Connecting Rod (49.7mm ID) Set of 8 Half Bearings | 1        |
| 28       | 74-8400  | Bolt - Connecting Rod (Incl. Ref. #26)                      | 8        |

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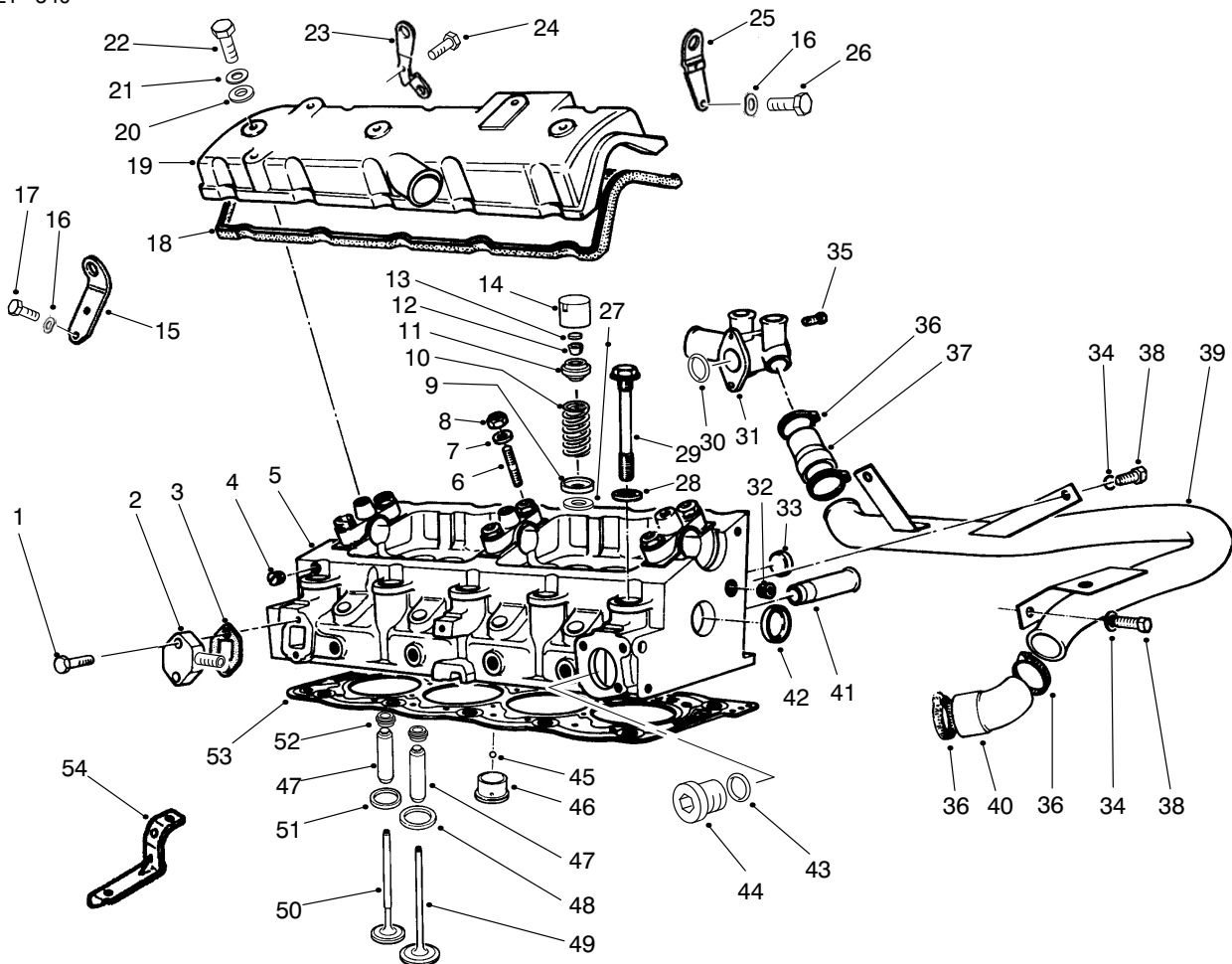


T-0963-1

## CRANKSHAFT ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                                                  | No. Used | Ref. No. | Part No. | Description          | No. Used |
|----------|----------|--------------------------------------------------------------|----------|----------|----------|----------------------|----------|
| 29       | 94-3157  | Piston Set - Std.<br>(Incl. Ref. #21-23)                     | 1        | 33       | 94-3152  | Screw - Cap Hex. Hd. | 2        |
| 29       | 74-8420  | Piston Set - Stage #1<br>(83.13mm OD)<br>(Incl. Ref. #21-23) | 1        | 34       | 74-8260  | Flywheel             | 1        |
| *        | 74-8430  | Piston Set - Stage #2<br>(83.43mm OD)<br>(Incl. Ref. #21-23) | 1        |          |          |                      |          |
| *        | 74-8440  | Piston Set - Stage #3<br>(83.73mm OD)<br>(Incl. Ref. #21-23) | 1        |          |          |                      |          |

\*Not Illustrated

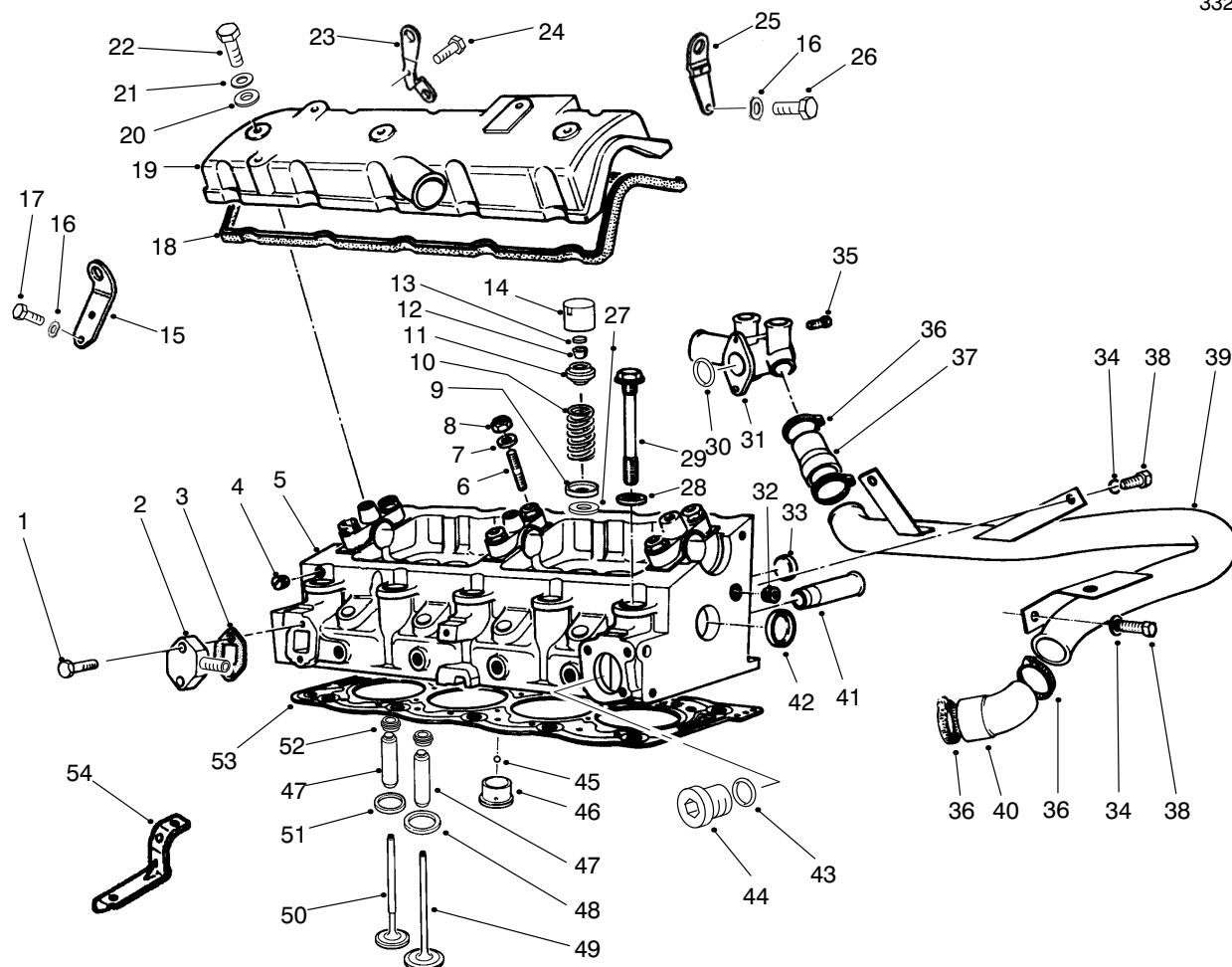


T-2148-2

## CYLINDER HEAD ASSEMBLY

| Ref. No. | Part No. | Description              | No. Used | Ref. No. | Part No. | Description              | No. Used |
|----------|----------|--------------------------|----------|----------|----------|--------------------------|----------|
| 1        | 94-3123  | Screw – Cap Hex. Hd.     | 2        | 13       | 74-6720  | Insert – Valve (2.400mm) | 8        |
| 2        | 94-3117  | Plate                    | 1        | *        | 74-6730  | Insert – Valve (2.425mm) | 8        |
| 3        | 94-3116  | Gasket                   | 1        | *        | 74-6740  | Insert – Valve (2.450mm) | 8        |
| 4        | 74-7600  | Plug                     | 4        | *        | 74-6750  | Insert – Valve (2.475mm) | 8        |
| 5        | 94-3113  | Cylinder Head Assembly   | 1        | *        | 74-6760  | Insert – Valve (2.500mm) | 8        |
| 6        | 76-5130  | Stud                     | 6        | *        | 74-6770  | Insert – Valve (2.525mm) | 8        |
| 7        | 74-8900  | Washer – Flat            | 6        | *        | 74-6780  | Insert – Valve (2.550mm) | 8        |
| 8        | 94-3115  | Nut – Lock               | 6        | *        | 74-6790  | Insert – Valve (2.575mm) | 8        |
| 9        | 74-6570  | Cup – Lower Valve Spring | 8        | *        | 74-6800  | Insert – Valve (2.600mm) | 8        |
| 10       | 74-6560  | Spring – Valve           | 8        | *        | 74-6810  | Insert – Valve (2.625mm) | 8        |
| 11       | 74-6550  | Cup – Upper Valve Spring | 8        | *        | 74-6820  | Insert – Valve (2.650mm) | 8        |
| 12       | 74-7240  | Collar – Split           | 16       | *        | 74-6830  | Insert – Valve (2.675mm) | 8        |
| 13       | 74-6580  | Insert – Valve (1.650mm) | 8        | *        | 74-6840  | Insert – Valve (2.700mm) | 8        |
| *        | 74-6590  | Insert – Valve (1.725mm) | 8        | *        | 74-6850  | Insert – Valve (2.725mm) | 8        |
| *        | 74-6600  | Insert – Valve (1.800mm) | 8        | *        | 74-6860  | Insert – Valve (2.750mm) | 8        |
| *        | 74-6610  | Insert – Valve (1.900mm) | 8        | *        | 74-6870  | Insert – Valve (2.775mm) | 8        |
| *        | 74-6620  | Insert – Valve (1.975mm) | 8        | *        | 74-6880  | Insert – Valve (2.800mm) | 8        |
| *        | 74-6630  | Insert – Valve (2.050mm) | 8        | *        | 74-6890  | Insert – Valve (2.825mm) | 8        |
| *        | 74-6640  | Insert – Valve (2.125mm) | 8        | *        | 74-6900  | Insert – Valve (2.850mm) | 8        |
| *        | 74-6650  | Insert – Valve (2.225mm) | 8        | *        | 74-6910  | Insert – Valve (2.875mm) | 8        |
| *        | 74-6660  | Insert – Valve (2.250mm) | 8        | *        | 74-6920  | Insert – Valve (2.900mm) | 8        |
| *        | 74-6670  | Insert – Valve (2.275mm) | 8        | *        | 74-6930  | Insert – Valve (2.925mm) | 8        |
| *        | 74-6680  | Insert – Valve (2.300mm) | 8        | *        | 74-6940  | Insert – Valve (2.950mm) | 8        |
| *        | 74-6690  | Insert – Valve (2.325mm) | 8        | *        | 74-6950  | Insert – Valve (2.975mm) | 8        |
| *        | 74-6700  | Insert – Valve (2.350mm) | 8        | *        | 74-6960  | Insert – Valve (3.000mm) | 8        |
| *        | 74-6710  | Insert – Valve (2.375mm) | 8        | *        | 74-6970  | Insert – Valve (3.025mm) | 8        |

\*Not Illustrated

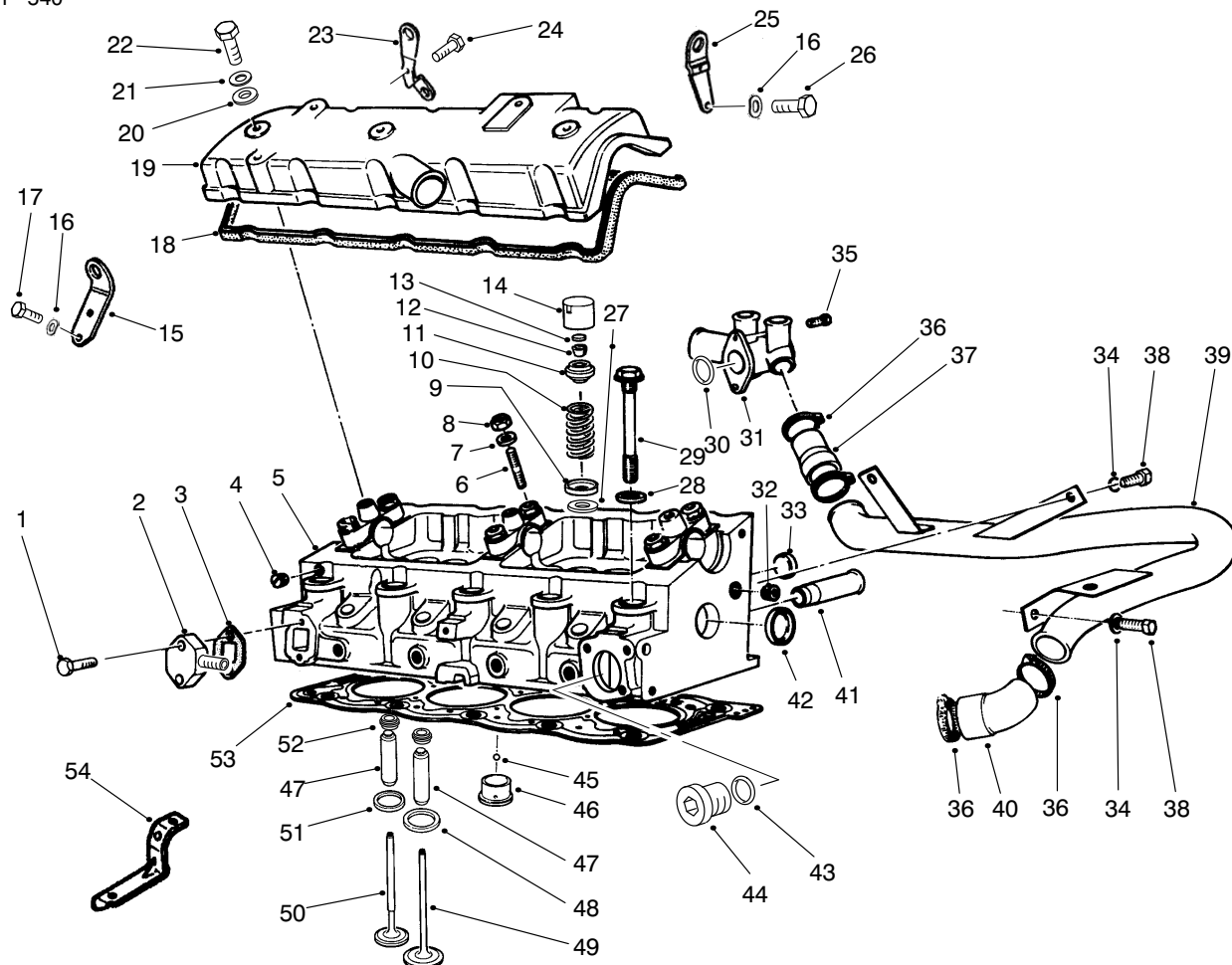


T-2148-2

## CYLINDER HEAD ASSEMBLY (Continued)

| Ref. No. | Part No. | Description              | No. Used | Ref. No. | Part No. | Description          | No. Used |
|----------|----------|--------------------------|----------|----------|----------|----------------------|----------|
| 13       | 74-6980  | Insert - Valve (3.050mm) | 8        | 14       | 74-6540  | Tappet - Valve       | 8        |
| *        | 74-6990  | Insert - Valve (3.075mm) | 8        | 15       | 94-3135  | Bracket - Lifting    | 1        |
| *        | 74-7000  | Insert - Valve (3.100mm) | 8        | 16       | 74-7560  | Washer - Spring      | 3        |
| *        | 74-7010  | Insert - Valve (3.125mm) | 8        | 17       | 76-5470  | Screw                | 2        |
| *        | 74-7020  | Insert - Valve (3.150mm) | 8        | 18       | 74-7630  | Gasket - Valve Cover | 1        |
| *        | 74-7030  | Insert - Valve (3.175mm) | 8        | 19       | 74-7640  | Cover - Valve        | 1        |
| *        | 74-7040  | Insert - Valve (3.200mm) | 8        | 20       | 74-7650  | Washer - Flat        | 3        |
| *        | 74-7050  | Insert - Valve (3.225mm) | 8        | 21       | 94-3125  | Washer               | 3        |
| *        | 74-7060  | Insert - Valve (3.250mm) | 8        | 22       | 94-3124  | Bolt - Valve Cover   | 3        |
| *        | 74-7070  | Insert - Valve (3.275mm) | 8        | 23       | 94-3136  | Bracket - Lifting    | 1        |
| *        | 74-7080  | Insert - Valve (3.300mm) | 8        | 24       | 94-3138  | Screw                | 1        |
| *        | 74-7090  | Insert - Valve (3.325mm) | 8        | 25       | 94-3137  | Bracket - Lifting    | 1        |
| *        | 74-7100  | Insert - Valve (3.350mm) | 8        | 26       | 94-3139  | Screw                | 1        |
| *        | 74-7110  | Insert - Valve (3.375mm) | 8        | 27       | 94-3174  | Washer               | 8        |
| *        | 74-7120  | Insert - Valve (3.400mm) | 8        | 28       | 74-7270  | Washer - Flat        | 10       |
| *        | 74-7130  | Insert - Valve (3.425mm) | 8        | 29       | 74-7260  | Bolt - Head          | 10       |
| *        | 74-7140  | Insert - Valve (3.450mm) | 8        | 30       | 94-3197  | O-Ring               | 1        |
| *        | 74-7150  | Insert - Valve (3.475mm) | 8        | 31       | 94-3196  | Inlet - Water        | 1        |
| *        | 74-7160  | Insert - Valve (3.500mm) | 8        | 32       | 94-3118  | Plug                 | 1        |
| *        | 74-7170  | Insert - Valve (3.550mm) | 8        | 33       | 74-7840  | Plug - 27 mm Dia.    | 2        |
| *        | 74-7180  | Insert - Valve (3.625mm) | 8        | *        | 94-3108  | Plug - 27.5 mm Dia.  | 2        |
| *        | 74-7190  | Insert - Valve (3.700mm) | 8        | *        | 94-3109  | Plug - 28.5 mm Dia.  | 2        |
| *        | 74-7200  | Insert - Valve (3.775mm) | 8        | 34       | 68-9420  | Washer - Lock        | 3        |
| *        | 74-7210  | Insert - Valve (3.850mm) | 8        | 35       | 94-3198  | Screw                | 2        |
| *        | 74-7220  | Insert - Valve (3.925mm) | 8        | 36       | 2412-129 | Clamp - Hose         | 4        |
| *        | 74-7230  | Insert - Valve (4.000mm) | 8        | 37       | 94-3200  | Hose - By-Pass       | 1        |

\*Not Illustrated



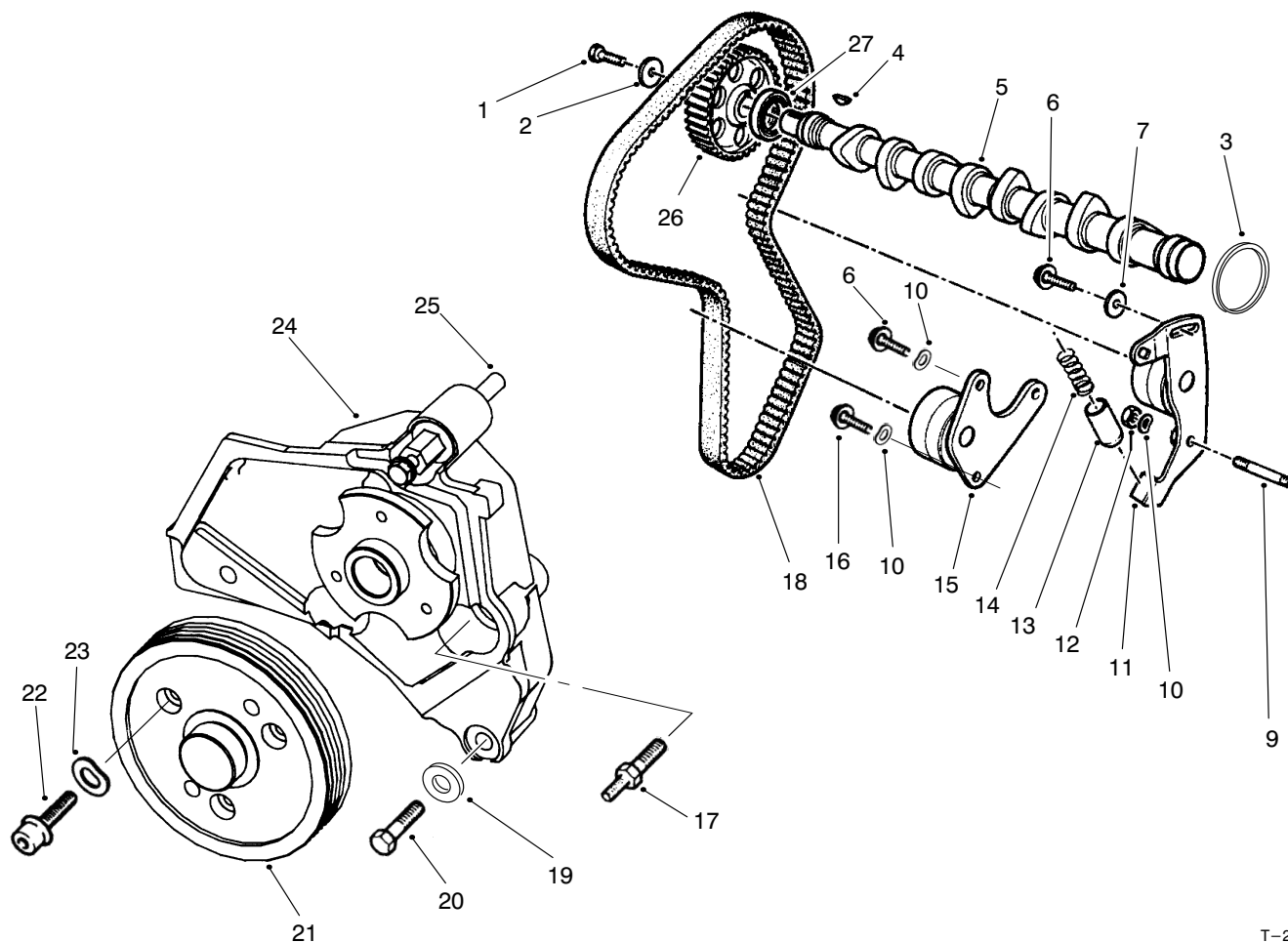
T-2148-2

## CYLINDER HEAD ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                    | No. Used |
|----------|----------|--------------------------------|----------|
| 38       | 42-9230  | Screw – Cap Hex. Hd.           | 3        |
| 39       | 94-3199  | Pipe – By-Pass                 | 1        |
| 40       | 98-9971  | Hose – By-Pass                 | 1        |
| 41       | 74-7400  | Tube                           | 1        |
| 42       | 74-7840  | Plug                           | 2        |
| 43       | 94-3122  | Gasket                         | 1        |
| 44       | 94-3121  | Plug                           | 1        |
| 45       | 74-7420  | Ball                           | 4        |
| 46       | 74-7430  | Chamber – Turbulence (32.45mm) | 4        |
| *        | 74-7440  | Chamber – Turbulence (32.65mm) | 4        |
| 47       | 92-7792  | Guide – Valve (14.29mm)        | 8        |
| *        | 92-7793  | Guide – Valve (14.59mm)        | 8        |
| 48       | 74-7450  | Seat – Intake Valve (39.3mm)   | 4        |
| *        | 74-7460  | Seat – Intake Valve (39.5mm)   | 4        |

| Ref. No. | Part No. | Description                                                      | No. Used |
|----------|----------|------------------------------------------------------------------|----------|
| 49       | 74-7480  | Valve – Intake                                                   | 4        |
| 50       | 92-7794  | Valve – Exhaust                                                  | 4        |
| 51       | 92-7795  | Seat – Exhaust Valve (34.5mm)                                    | 4        |
| 52       | 92-7791  | Seal – Valve                                                     | 8        |
| 53       | 94-8132  | Gasket – Head (1.48 mm)                                          | 1        |
| *        | 94-8133  | Gasket – Head (1.52 mm)                                          | 1        |
| *        | 94-8134  | Gasket – Head (1.58 mm)                                          | 1        |
| *        | 94-8135  | Gasket – Head (1.62 mm)                                          | 1        |
| 54       | 94-3120  | Bracket                                                          | 1        |
| *        | 74-7670  | Head Bolt & Washer Set (Incl. Ref. #28 & 29)                     | 1        |
| *        | 94-3119  | Kit – Gasket                                                     | 1        |
| *        | 94-9965  | Asm. – Head, Cylinder (Complete with camshaft, valves & tappets) | 1        |

\*Not Illustrated

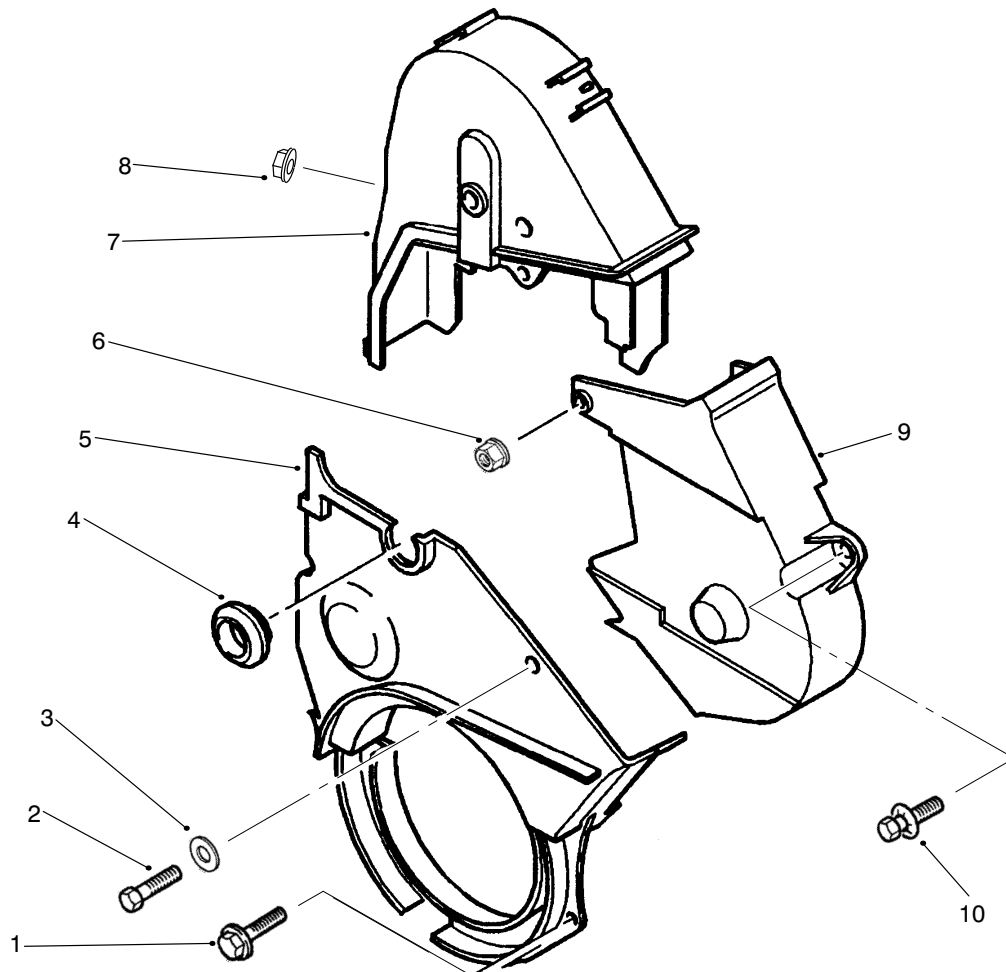


T-2141-2

## CAMSHAFT & FAN SUPPORT ASSEMBLY

| Ref. No. | Part No. | Description     | No. Used |
|----------|----------|-----------------|----------|
| 1        | 98-9968  | Screw           | 2        |
| 2        | 77-3450  | Washer          | 2        |
| 3        | 77-3420  | Gasket          | 1        |
| 4        | 98-9967  | Key             | 1        |
| 5        | 77-3400  | Camshaft        | 1        |
| 6        | 94-3163  | Screw           | 1        |
| 7        | 94-3166  | Washer - Flat   | 1        |
| 9        | 94-3162  | Stud            | 1        |
| 10       | 94-3164  | Washer - Spring | 4        |
| 11       | 94-3159  | Roller Assembly | 1        |
| 12       | 94-3165  | Nut - Lock      | 1        |
| 13       | 77-3520  | Cup             | 1        |
| 14       | 77-3510  | Spring          | 1        |

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 15       | 94-3160  | Roller Assembly   | 1        |
| 16       | 94-3161  | Screw             | 2        |
| 17       | 94-3170  | Screw             | 1        |
| 18       | 74-8830  | Belt              | 1        |
| 19       | 94-3172  | Washer            | 3        |
| 20       | 94-3171  | Screw             | 2        |
| 21       | 94-3168  | Pulley - Fan      | 1        |
| 22       | 94-3173  | Screw             | 3        |
| 23       | 76-5010  | Washer            | 3        |
| 24       | 94-3167  | Bracket - Fan     | 1        |
| 25       | 94-3169  | Screw             | 1        |
| 26       | 98-9966  | Pulley - Camshaft | 1        |
| 27       | 94-9994  | Gasket            | 1        |

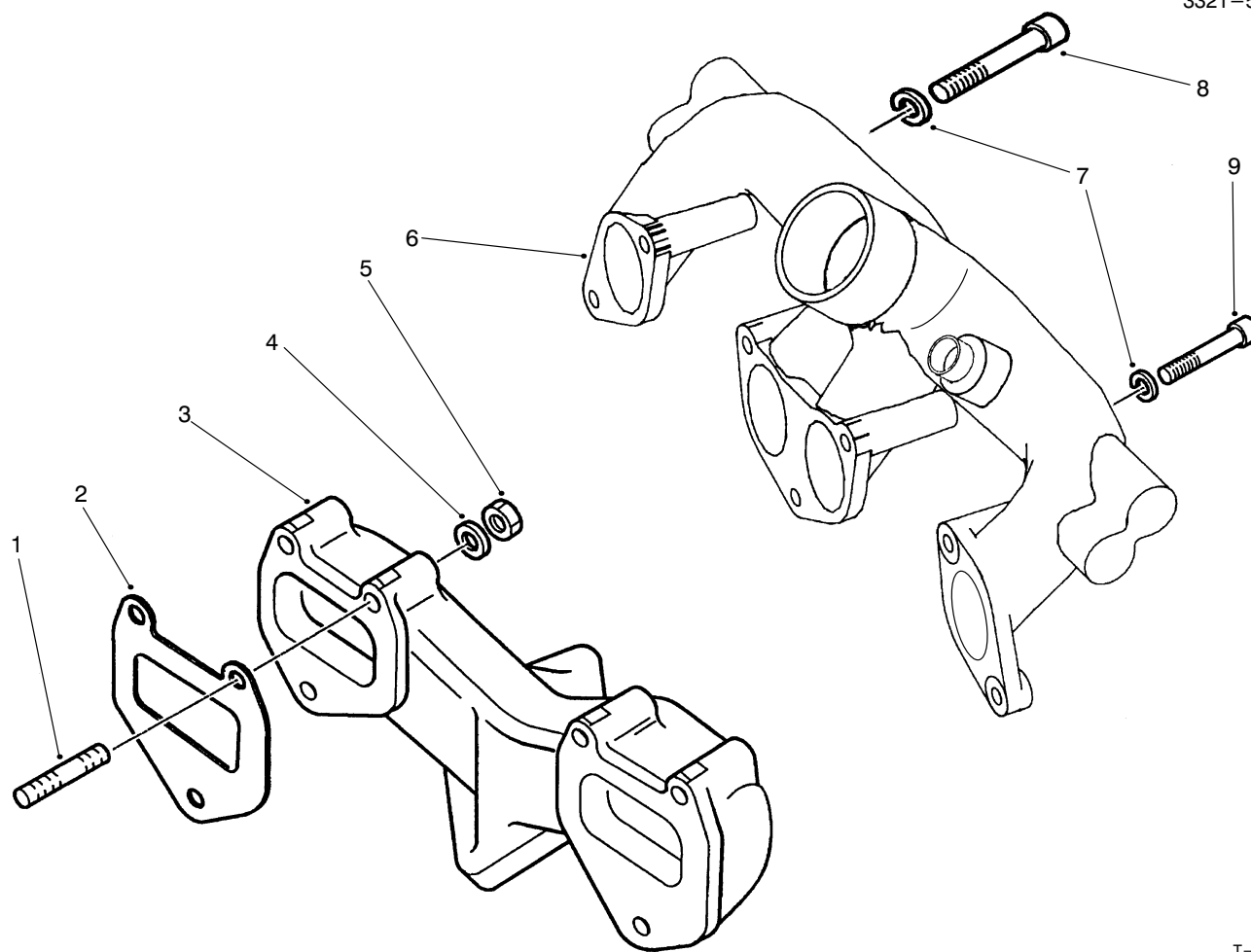


T-2140-1

## TIMING COVER

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 1        | 94-3132  | Screw             | 2        |
| 2        | 94-3130  | Screw             | 1        |
| 3        | 94-3125  | Washer - Flat     | 1        |
| 4        | 94-3129  | Plug              | 1        |
| 5        | 94-3126  | Protector - Lower | 1        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 6        | 94-3133  | Nut W/Washer         | 1        |
| 7        | 94-3127  | Case - Timing, Left  | 1        |
| 8        | 94-3134  | Nut                  | 1        |
| 9        | 94-3128  | Case - Timing, Right | 1        |
| 10       | 94-3131  | Screw                | 1        |

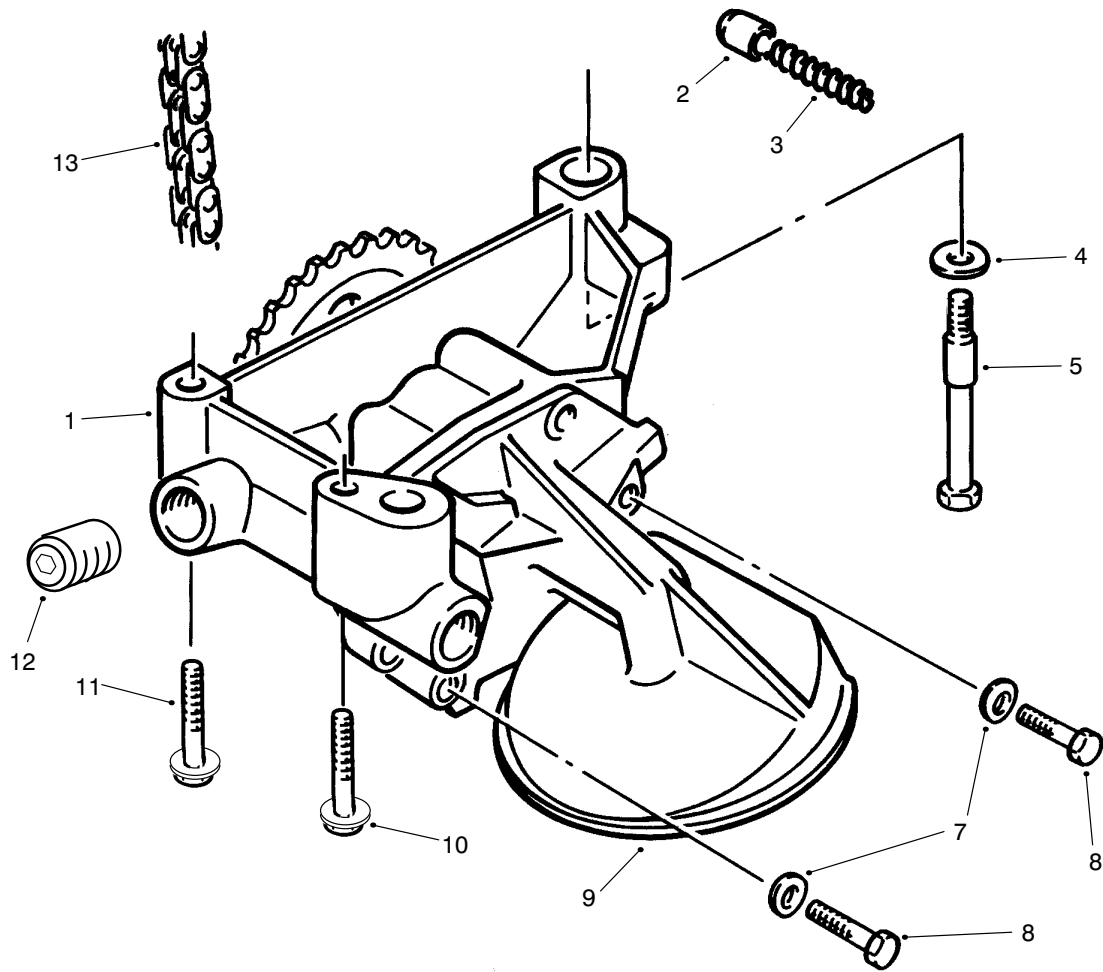


T-2149-2

## INTAKE & EXHAUST MANIFOLD ASSEMBLY

| Ref. No. | Part No. | Description        | No. Used | Ref. No. | Part No. | Description       | No. Used |
|----------|----------|--------------------|----------|----------|----------|-------------------|----------|
| 1        | 77-3300  | Stud               | 6        | 6        | 94-3215  | Manifold - Intake | 1        |
| 2        | 77-3310  | Gasket             | 2        | 7        | 94-3164  | Washer - Spring   | 7        |
| 3        | 77-3340  | Manifold - Exhaust | 1        | 8        | 94-3216  | Screw             | 5        |
| 4        | 68-9420  | Washer - Lock      | 6        | 9        | 94-3217  | Screw             | 4        |
| 5        | 77-3320  | Nut - Hex          | 6        | *        | 94-3218  | Screw             | 1        |

\*Not Illustrated

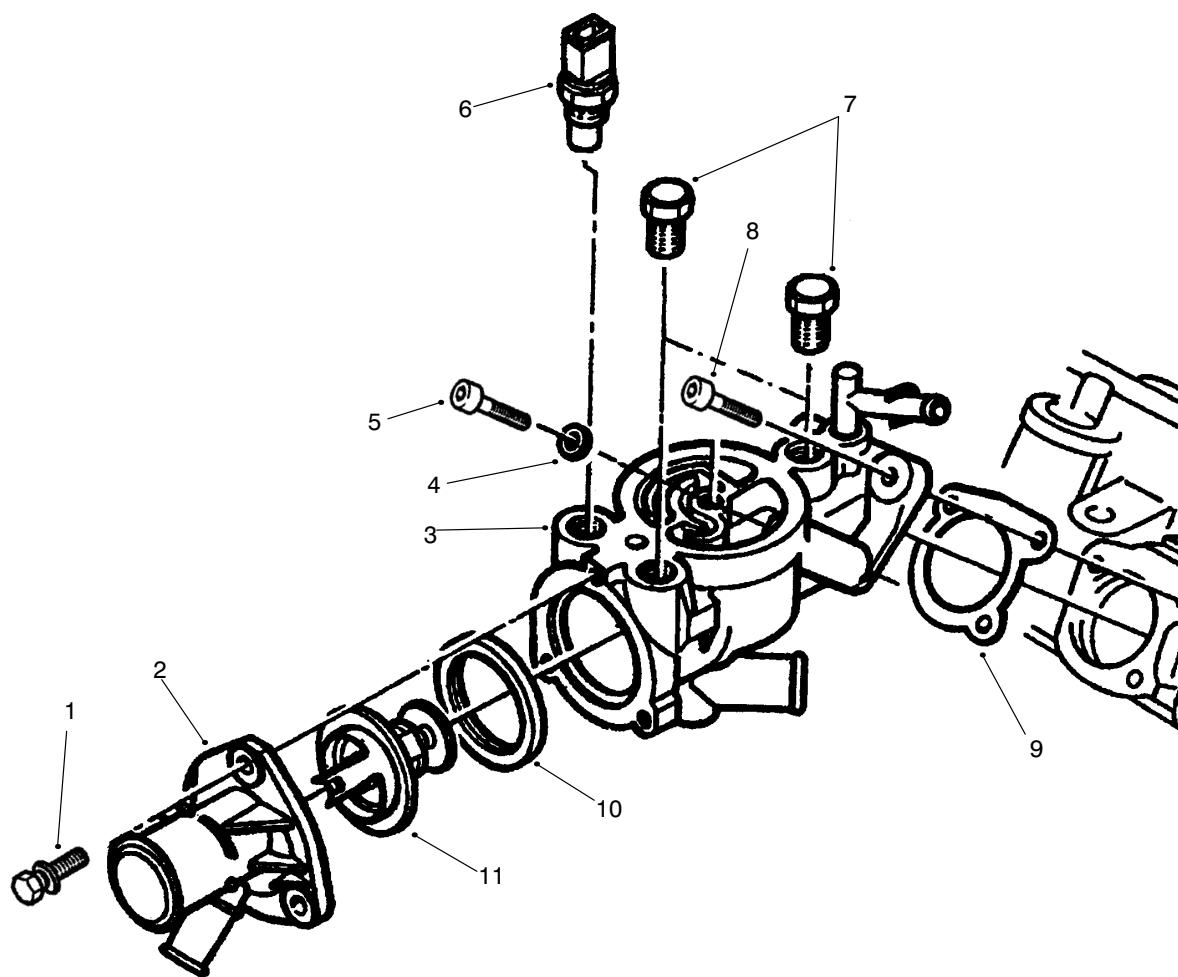


T-0964-1

## OIL PUMP ASSEMBLY

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 1        | 76-5070  | Oil Pump Assembly | 1        |
| 2        | 94-3176  | Gear - Oil Pump   | 1        |
| 3        | 76-5090  | Spring - Piston   | 1        |
| 4        | 94-3179  | Washer - Spring   | 3        |
| 5        | 76-5100  | Bolt - Shoulder   | 1        |
| 7        | 76-5010  | Washer - Spring   | 5        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 8        | 94-3124  | Screw - Cap Hex. Hd. | 2        |
| 9        | 94-3178  | Strainer             | 1        |
| 10       | 77-3470  | Screw                | 1        |
| 11       | 77-3490  | Screw                | 1        |
| 12       | 94-3177  | Plug                 | 2        |
| 13       | 76-5170  | Chain - Pump Drive   | 1        |

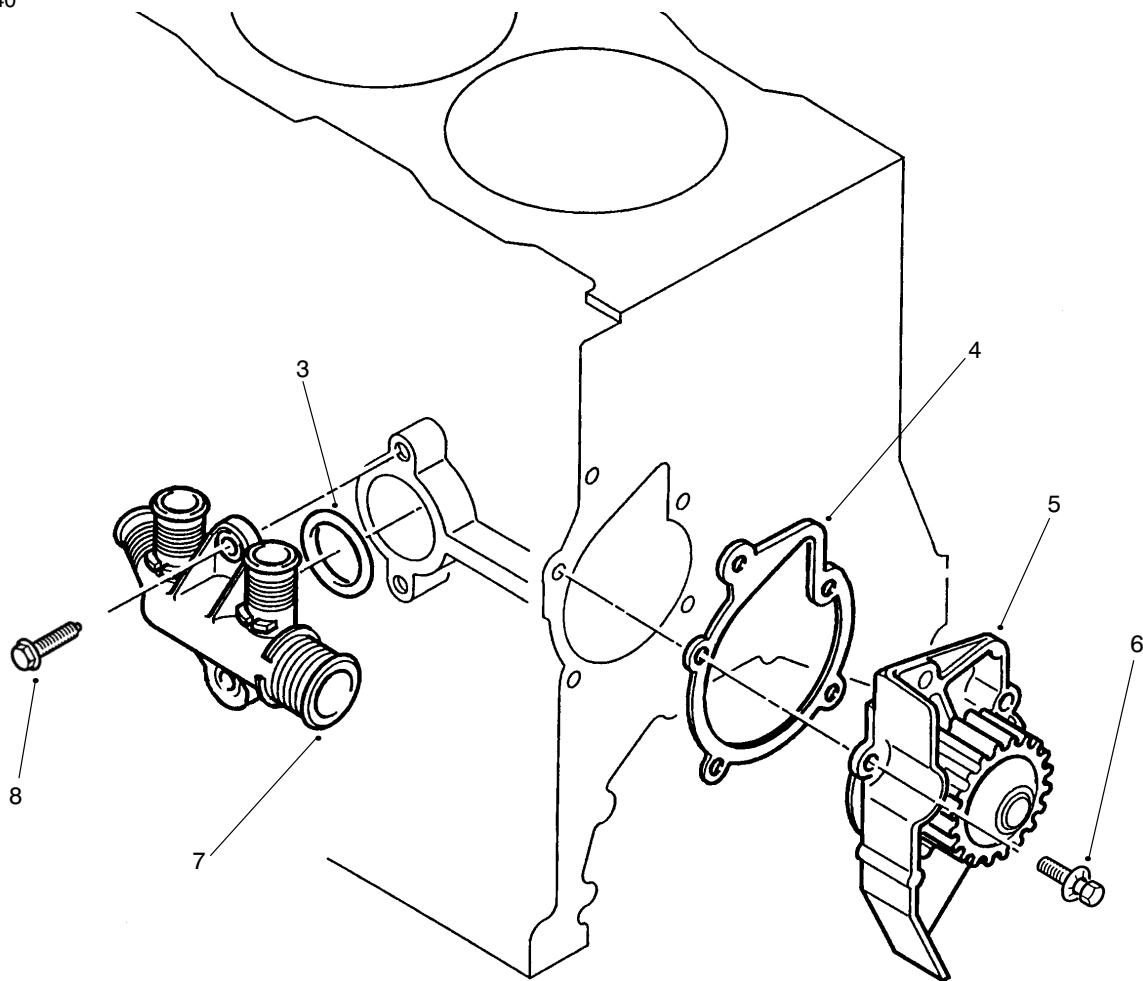


T-2143-1

## COLLECTOR ASSEMBLY

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 1        | 94-3131  | Screw             | 3        |
| 2        | 94-3208  | Stub - Outlet     | 1        |
| 3        | 98-9970  | Box - Outlet      | 1        |
| 4        | 94-3207  | Ring              | 1        |
| 5        | 94-3214  | Screw             | 1        |
| 6        | 94-3211  | Temp Sending Unit | 1        |

| Ref. No. | Part No. | Description | No. Used |
|----------|----------|-------------|----------|
| 7        | 94-3212  | Plug        | 2        |
| 8        | 94-3213  | Screw       | 1        |
| 9        | 94-3206  | Gasket      | 1        |
| 10       | 94-3210  | Gasket      | 1        |
| 11       | 94-3209  | Thermostat  | 1        |

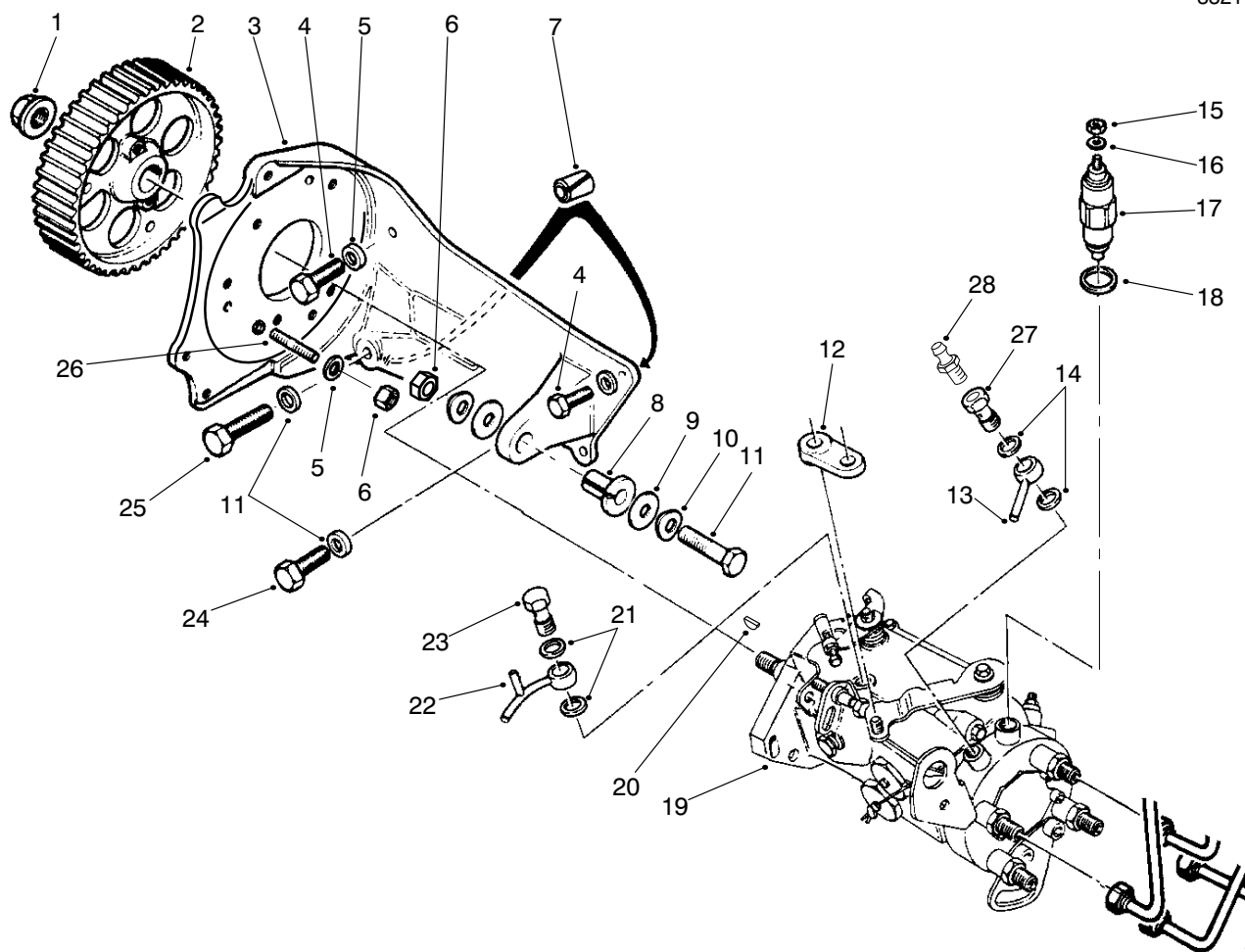


T-2144-1

## WATER PUMP ASSEMBLY

| Ref. No. | Part No. | Description                            | No. Used |
|----------|----------|----------------------------------------|----------|
| 3        | 94-3197  | O-Ring                                 | 1        |
| 4        | 98-3837  | Gasket - Pump, Water                   | 1        |
| 5        | 98-9972  | Cover - Pump, Water<br>(Incl. Ref. #4) | 1        |

| Ref. No. | Part No. | Description   | No. Used |
|----------|----------|---------------|----------|
| 6        | 76-5500  | Screw         | 5        |
| 7        | 94-3196  | Inlet - Water | 1        |
| 8        | 94-3198  | Screw         | 2        |

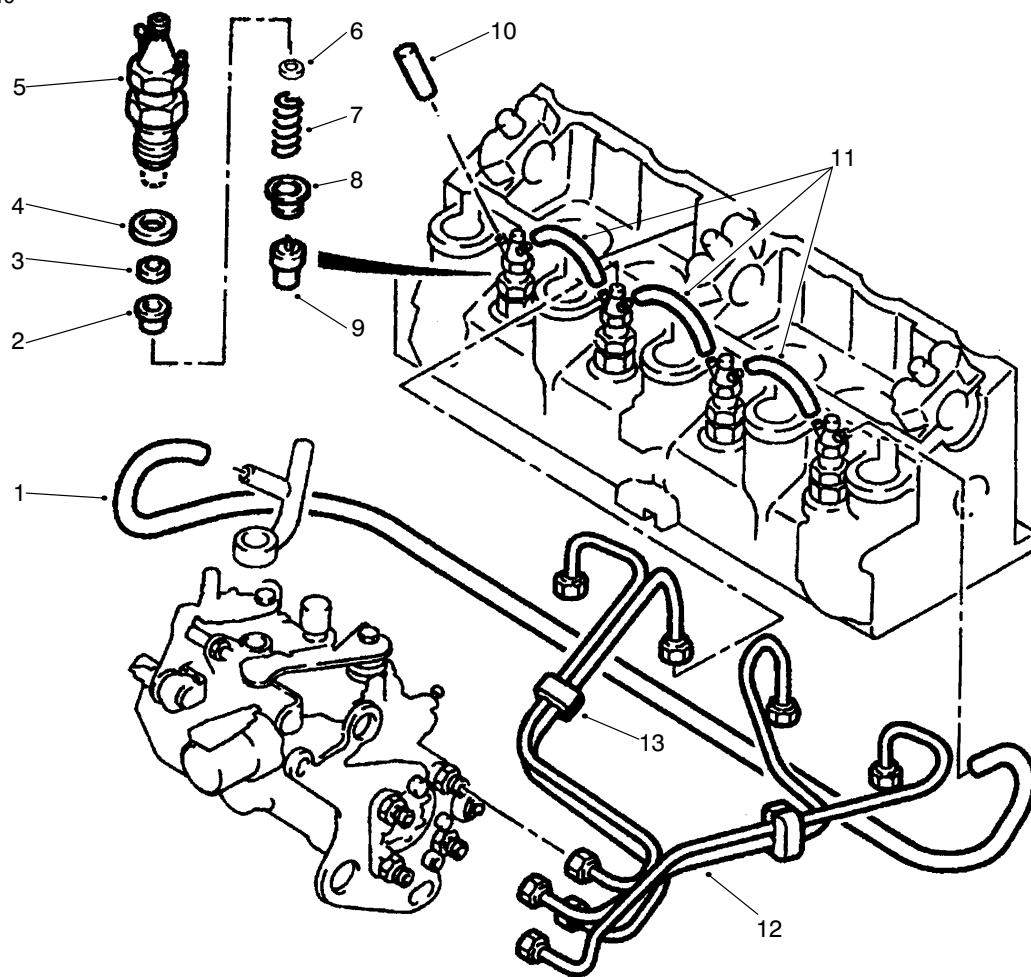


T-2146-2

## FUEL INJECTION PUMP ASSEMBLY

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 1        | 76-4950  | Nut                    | 1        |
| 2        | 76-4940  | Gear – Pump, Injection | 1        |
| 3        | 94-3220  | Bracket                | 1        |
| 4        | 94-3225  | Screw                  | 2        |
| 5        | 76-4930  | Washer                 | 3        |
| 6        | 94-3165  | Nut                    | 4        |
| 7        | 74-8610  | Pin                    | 2        |
| 8        | 74-8630  | Bushing – Flange       | 1        |
| 9        | 94-3224  | Washer – Flat          | 2        |
| 10       | 94-3164  | Washer – Spring        | 6        |
| 11       | 94-3221  | Screw                  | 1        |
| 12       | 74-8650  | Journal                | 1        |
| 13       | 74-8690  | Union – Inlet          | 1        |
| 14       | 74-8680  | Gasket                 | 2        |

| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| 15       | 94-3251  | Nut                | 1        |
| 16       | 74-8710  | Washer             | 1        |
| 17       | 93-5856  | Valve – Solenoid   | 1        |
| 18       | 94-3274  | O-Ring             | 1        |
| 19       | 94-3219  | Pump – Injection   | 1        |
| 20       | 94-3222  | Key                | 1        |
| 21       | 74-8870  | Gasket             | 2        |
| 22       | 94-3249  | Tube – Outlet      | 1        |
| 23       | 94-3250  | Screw – Connection | 1        |
| 24       | 94-3161  | Screw              | 1        |
| 25       | 94-3223  | Screw              | 1        |
| 26       | 76-4910  | Stud               | 3        |
| 27       | 94-9969  | Screw – Connection | 1        |
| 28       | 93-5835  | Screw – Purge      | 1        |



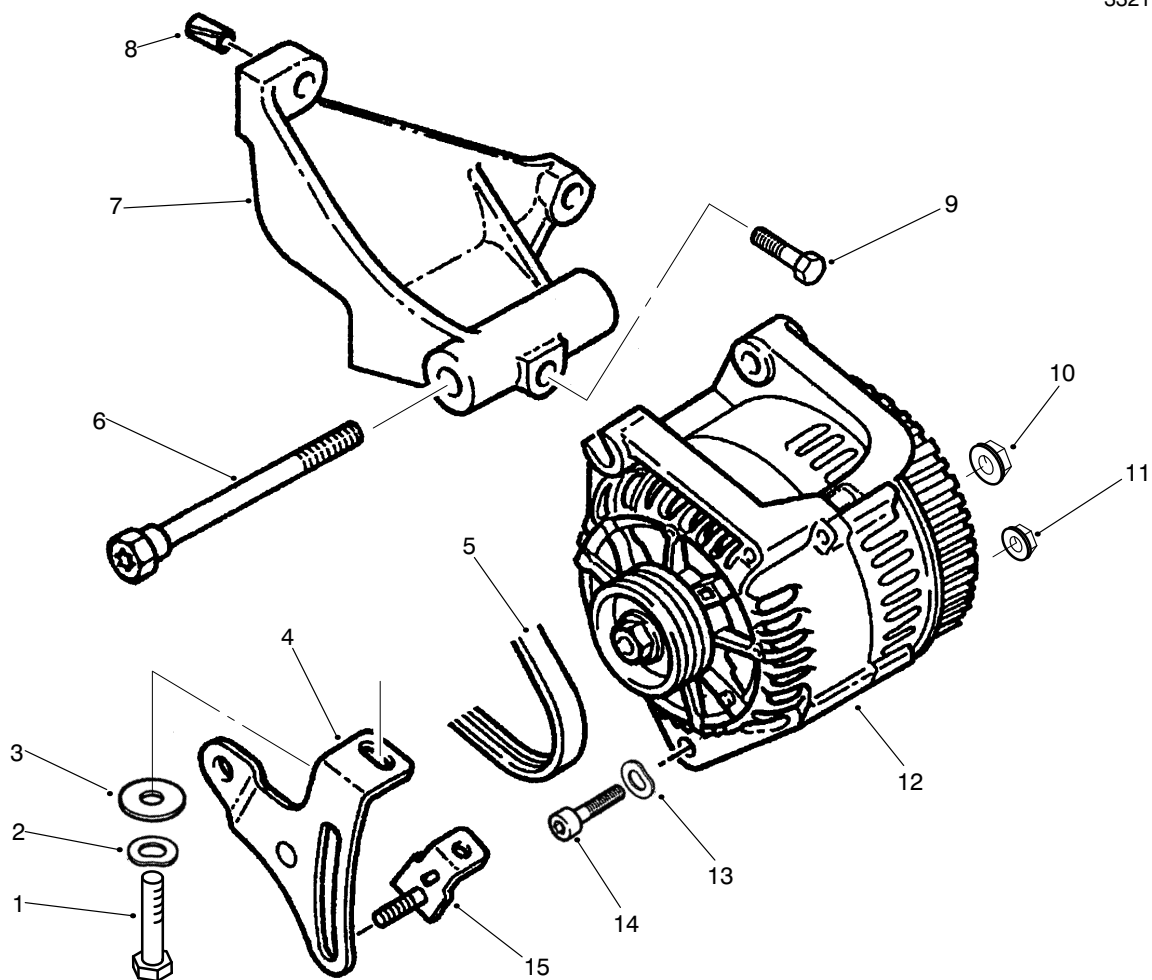
T-2145-1

## FUEL INJECTOR ASSEMBLY

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 1        | 94-3230  | Hose              | 1        |
| 2        | 76-5540  | Plug              | 4        |
| 3        | 76-5530  | Gasket - Injector | 4        |
| 4        | 94-3226  | Gasket - Injector | 4        |
| 5        | 76-5520  | Holder - Injector | 4        |
| 6        | 94-3232  | Washer - 0.79 mm  | 4        |
| *        | 94-3233  | Washer - 0.82 mm  | 4        |
| *        | 94-3234  | Washer - 0.85 mm  | 4        |
| *        | 94-3235  | Washer - 0.88 mm  | 4        |
| *        | 94-3236  | Washer - 0.91 mm  | 4        |
| *        | 94-3237  | Washer - 0.94 mm  | 4        |
| *        | 94-3238  | Washer - 0.97 mm  | 4        |
| *        | 94-3239  | Washer - 1.00 mm  | 4        |
| *        | 94-3240  | Washer - 1.03 mm  | 4        |
| *        | 94-3241  | Washer - 1.06 mm  | 4        |

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 6        | 94-3242  | Washer - 1.30 mm | 4        |
| *        | 94-3243  | Washer - 1.33 mm | 4        |
| *        | 94-3244  | Washer - 1.36 mm | 4        |
| *        | 94-3245  | Washer - 1.39 mm | 4        |
| *        | 94-3246  | Washer - 1.42 mm | 4        |
| *        | 94-3247  | Washer - 1.45 mm | 4        |
| *        | 94-3248  | Washer - 1.48 mm | 4        |
| 7        | 94-3228  | Spring           | 4        |
| 8        | 94-3227  | Spacer           | 4        |
| 9        | 76-5600  | Injector         | 4        |
| 10       | 74-8770  | Plug             | 1        |
| 11       | 94-3229  | Union            | 3        |
| 12       | 74-8750  | Pipe             | 1        |
| 13       | 94-3231  | Bracket          | 2        |

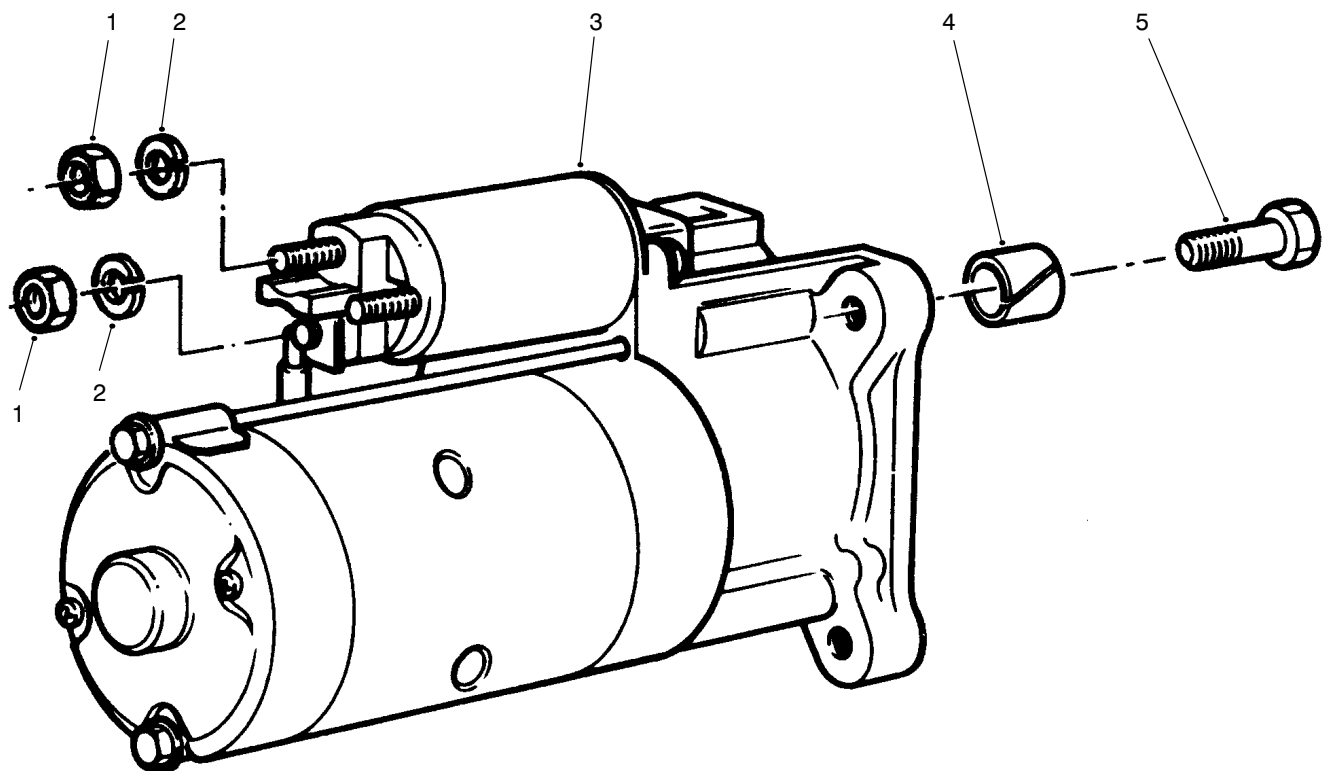
\*Not Illustrated



T-2147-1

## ALTERNATOR ASSEMBLY

| Ref. No. | Part No. | Description     | No. Used | Ref. No. | Part No. | Description     | No. Used |
|----------|----------|-----------------|----------|----------|----------|-----------------|----------|
| 1        | 76-5060  | Screw           | 1        | 9        | 76-5000  | Screw           | 1        |
| 2        | 76-5010  | Washer - Spring | 1        | 10       | 94-3262  | Nut             | 1        |
| 3        | 94-3260  | Washer - Flat   | 1        | 11       | 94-3261  | Nut             | 1        |
| 4        | 94-3255  | Slide           | 1        | 12       | 94-3252  | Alternator      | 1        |
| 5        | 94-3256  | Belt            | 1        | 13       | 94-3257  | Washer - Spring | 1        |
| 6        | 94-3254  | Screw           | 1        | 14       | 94-3258  | Screw           | 1        |
| 7        | 94-3253  | Bracket         | 1        | 15       | 76-4990  | Bracket         | 1        |
| 8        | 74-8610  | Pin             | 2        |          |          |                 |          |

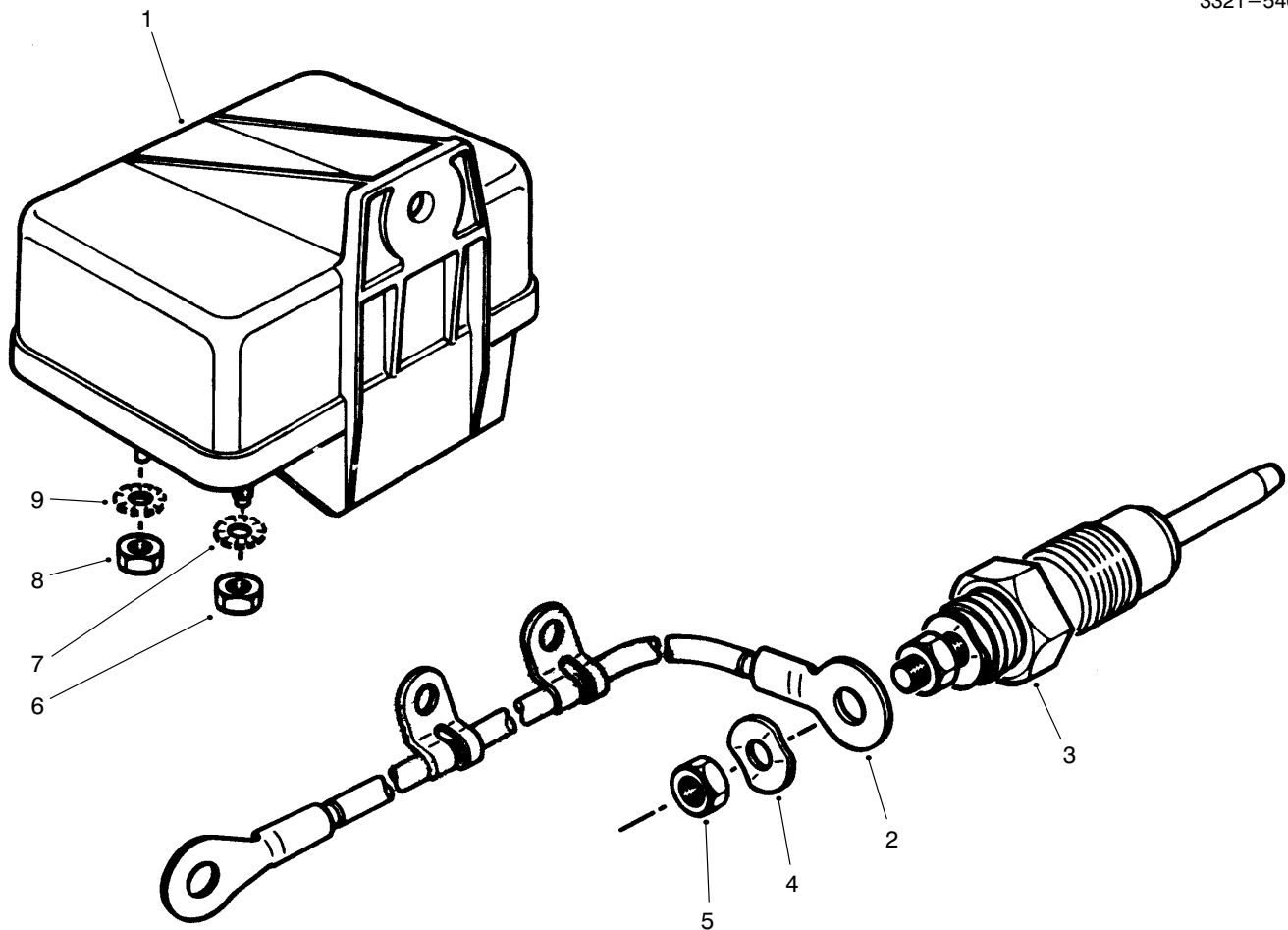


T-0968-1

## STARTER ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|----------|----------|-------------|----------|
| 1        | 46-0330  | Nut-Hex     | 2        |
| 2        | 76-5570  | Washer-Lock | 2        |
| 3        | 94-3263  | Starter     | 1        |

| Ref. No. | Part No. | Description     | No. Used |
|----------|----------|-----------------|----------|
| 4        | 76-5590  | Sleeve - Spring | 1        |
| 5        | 48-7810  | Screw-Mounting  | 3        |

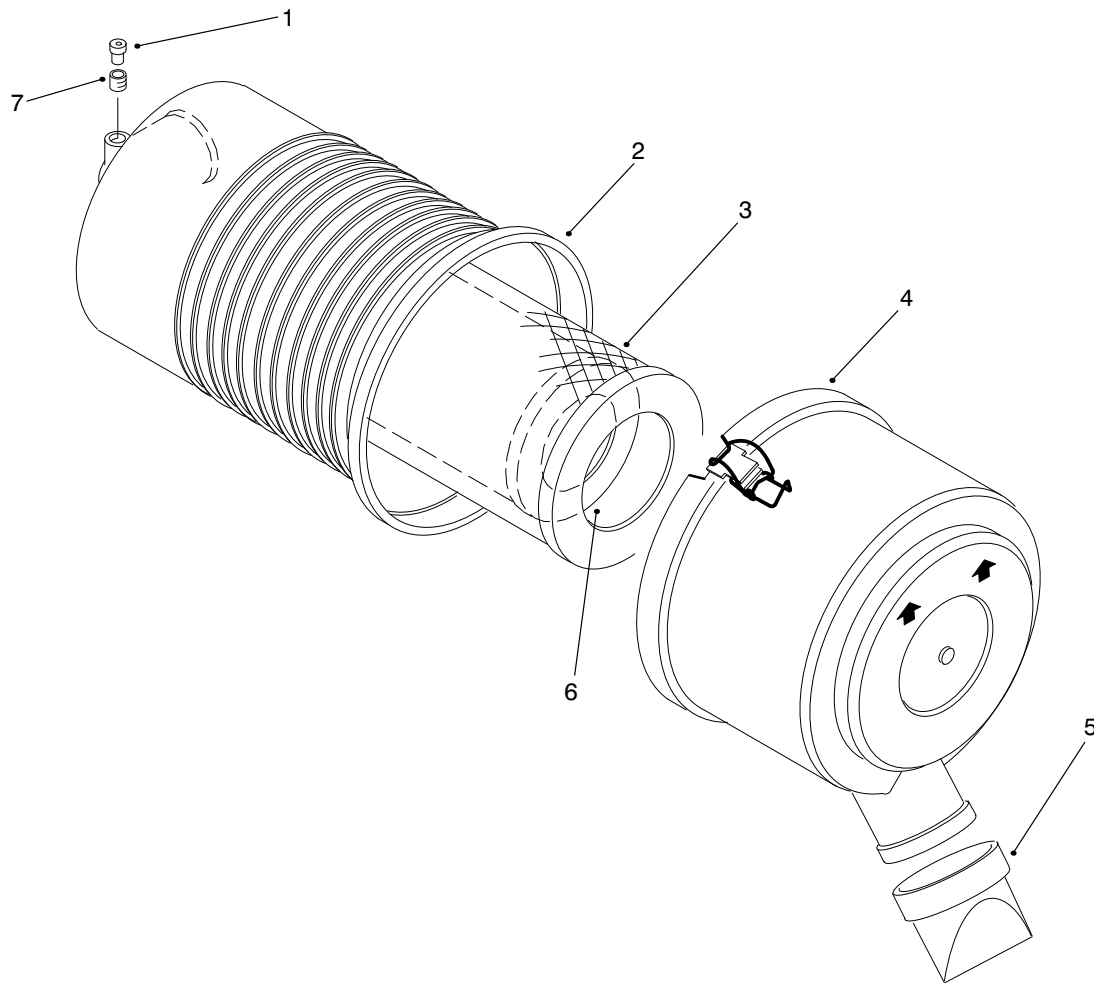


T-0972-1

## GLOW PLUG & GLOW RELAY

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 1        | 76-5260  | Relay - Glow Plug | 1        |
| 2        | 94-3265  | Cable - Glow Plug | 4        |
| 3        | 94-3264  | Plug - Glow       | 4        |
| 4        | 76-5290  | Washer - Spring   | 4        |
| 5        | 94-3266  | Nut - Hex.        | 4        |

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 6        | 94-3267  | Nut - Lock        | 1        |
| 7        | 76-5310  | Washer - E.T.L.W. | 1        |
| 8        | 94-3251  | Nut - Lock        | 1        |
| 9        | 74-8710  | Washer - E.T.L.W. | 1        |

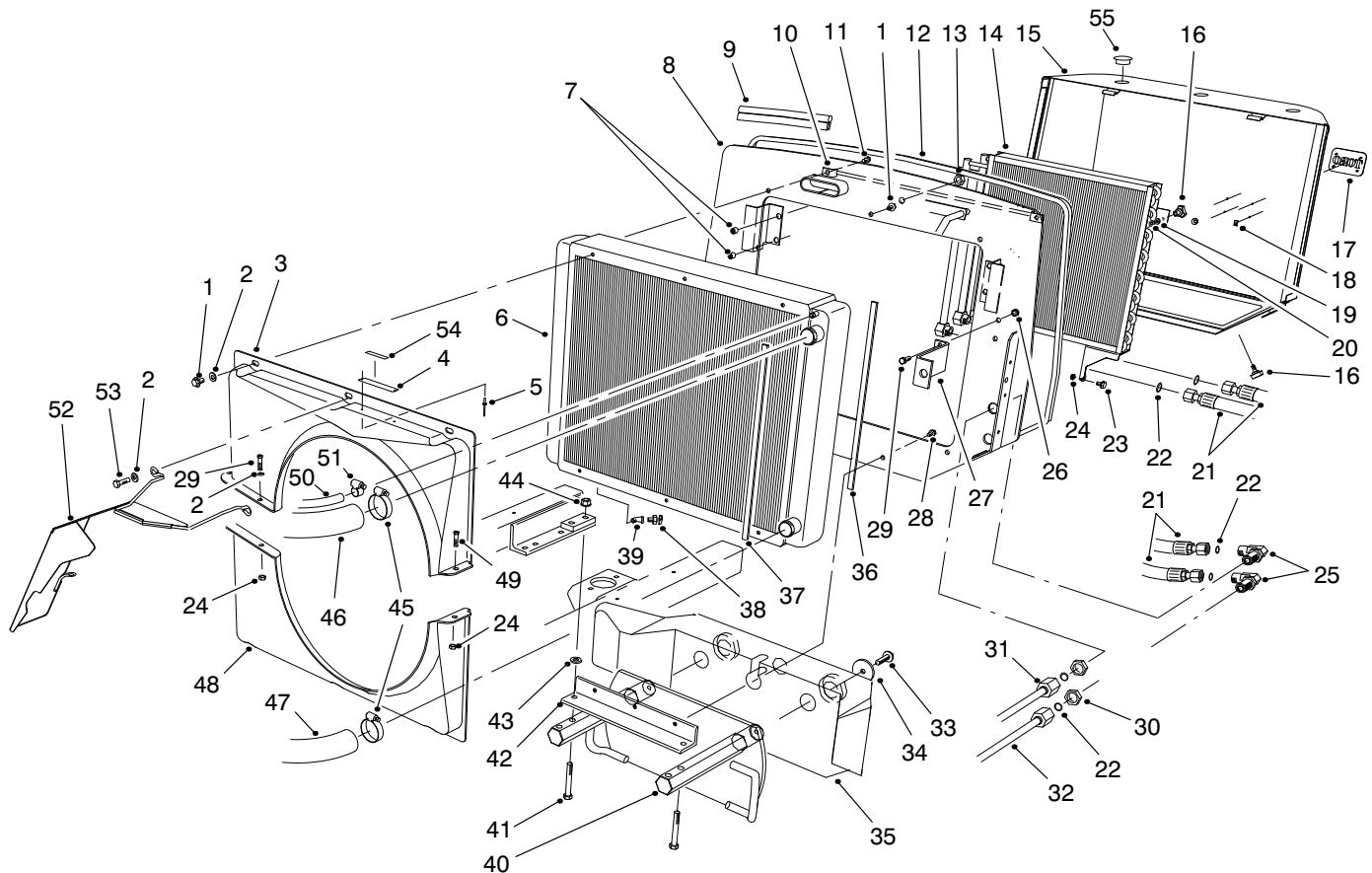


T-2076-1

## AIR CLEANER ASSEMBLY NO. 93-7485

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 1        | 93-9164  | Indicator        | 1        |
| 2        |          | Asm. - Body      | 1        |
| 3        | 93-9162  | Filter - Primary | 1        |
| 4        |          | Asm. - Cover     | 1        |

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 5        | 87-9400  | Valve - Vacuator | 1        |
| 6        | 93-9163  | Filter - Safety  | 1        |
| 7        | 94-1416  | Asm. - Adaptor   | 1        |

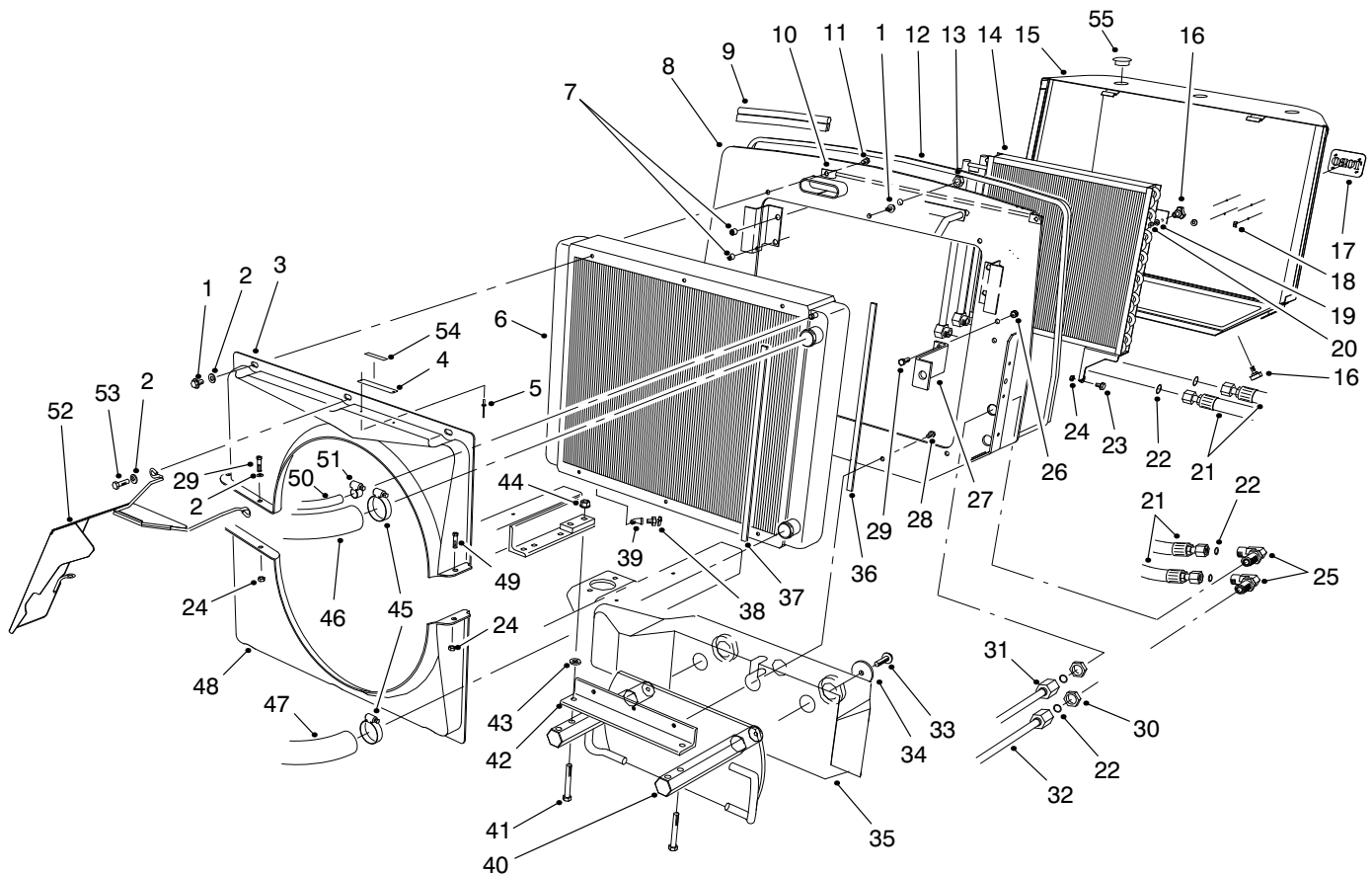


T-1518-3

## RADIATOR ASSEMBLY

| Ref. No. | Part No. | Description                             | No. Used |
|----------|----------|-----------------------------------------|----------|
| 1        | 3234-30  | Screw - Hex. Flange Hd.                 | 8        |
| 2        | 3256-23  | Washer - Flat                           | 7        |
| 3        | 74-4980  | Shroud - Fan Upper                      | 1        |
| 4        | 76-8750  | Plate - Caution                         | 1        |
| 5        | 3290-271 | Rivet - Pop                             | 2        |
| 6        | 74-3410  | Radiator                                | 1        |
| 7        | 32148-10 | Insert - Threaded                       | 4        |
| 8        | 93-7799  | Radiator Mount Assembly (Incl. Ref. #7) | 1        |
| 9        | 94-5616  | Seal - Hood                             | 1        |
| 10       | 94-5621  | Bracket Assembly - Screen               | 1        |
| 11       | 3234-14  | Screw - Hex. Hd. Flange                 | 2        |
| 12       | 94-5622  | Seal Strip - Screen                     | 1        |
| 13       | 3296-23  | Nut - Hex. Lock                         | 2        |
| 14       | 82-3740  | Oil Cooler Assembly                     | 1        |
| 15       | 94-5612  | Screen Assembly                         | 1        |
| 16       | 77-3620  | Retainer - Cover                        | 4        |
| 17       | 93-6028  | Plate - Logo, TORO                      | 1        |
| 18       | 94-2638  | Nut - Tinnerman                         | 4        |
| 19       | 3256-3   | Washer - Flat                           | 2        |
| 20       | 32151-72 | Retainer - Push-On                      | 2        |
| 21       | 94-8010  | Hose - Hydraulic                        | 2        |
| 22       | 237-65   | O-Ring                                  | 6        |
| 23       | 37-8771  | Screw - Hex. Washer Hd.                 | 2        |
| 24       | 3296-47  | Nut - Lock                              | 5        |

| Ref. No. | Part No. | Description                              | No. Used |
|----------|----------|------------------------------------------|----------|
| 25       | 340-72   | Fitting - Hydraulic 90° (Incl. Ref. #22) | 2        |
| 26       | 32128-20 | Nut - Lock Flange                        | 2        |
| 27       | 93-7244  | Bracket - Support                        | 1        |
| 28       | 3234-11  | Screw - Hex. Washer Hd.                  | 5        |
| 29       | 322-4    | Screw - Cap Hex. Hd.                     | 3        |
| 30       | 340-74   | Nut - Bulkhead                           | 2        |
| 31       | 74-6400  | Assembly - Tube                          | 1        |
| 32       | 94-8298  | Tube Assembly - Oil Cooler               | 1        |
| 33       | 325-34   | Screw - Hex. Flange Hd.                  | 2        |
| 34       | 88-1360  | Washer                                   | 2        |
| 35       | 92-9711  | Weight - Rear                            | 1        |
| 36       | 76-6381  | Seal - Strip                             | 2        |
| 37       | 76-6382  | Seal - Strip                             | 2        |
| 38       | 304-46   | Drain Cock                               | 1        |
| 39       | 2811-1   | Fitting - 45° Elbow                      | 1        |
| 40       | 92-7781  | Weight - Rear                            | 1        |
| 41       | 325-35   | Screw - Cap Hex. Hd.                     | 2        |
| 42       | 74-5460  | Angle Radiator Support                   | 1        |
| 43       | 3256-26  | Washer - Flat                            | 2        |
| 44       | 32128-49 | Nut - Hex. Flange                        | 2        |
| 45       | 2412-3   | Clamp - Hose                             | 2        |
| 46       | 94-1418  | Hose - Radiator, Upper                   | 1        |
| 47       | 74-6020  | Hose - Radiator, Lower                   | 1        |
| 48       | 74-4990  | Shroud - Fan, Bottom                     | 1        |
| 49       | 322-3    | Screw - Cap Hex. Hd.                     | 2        |

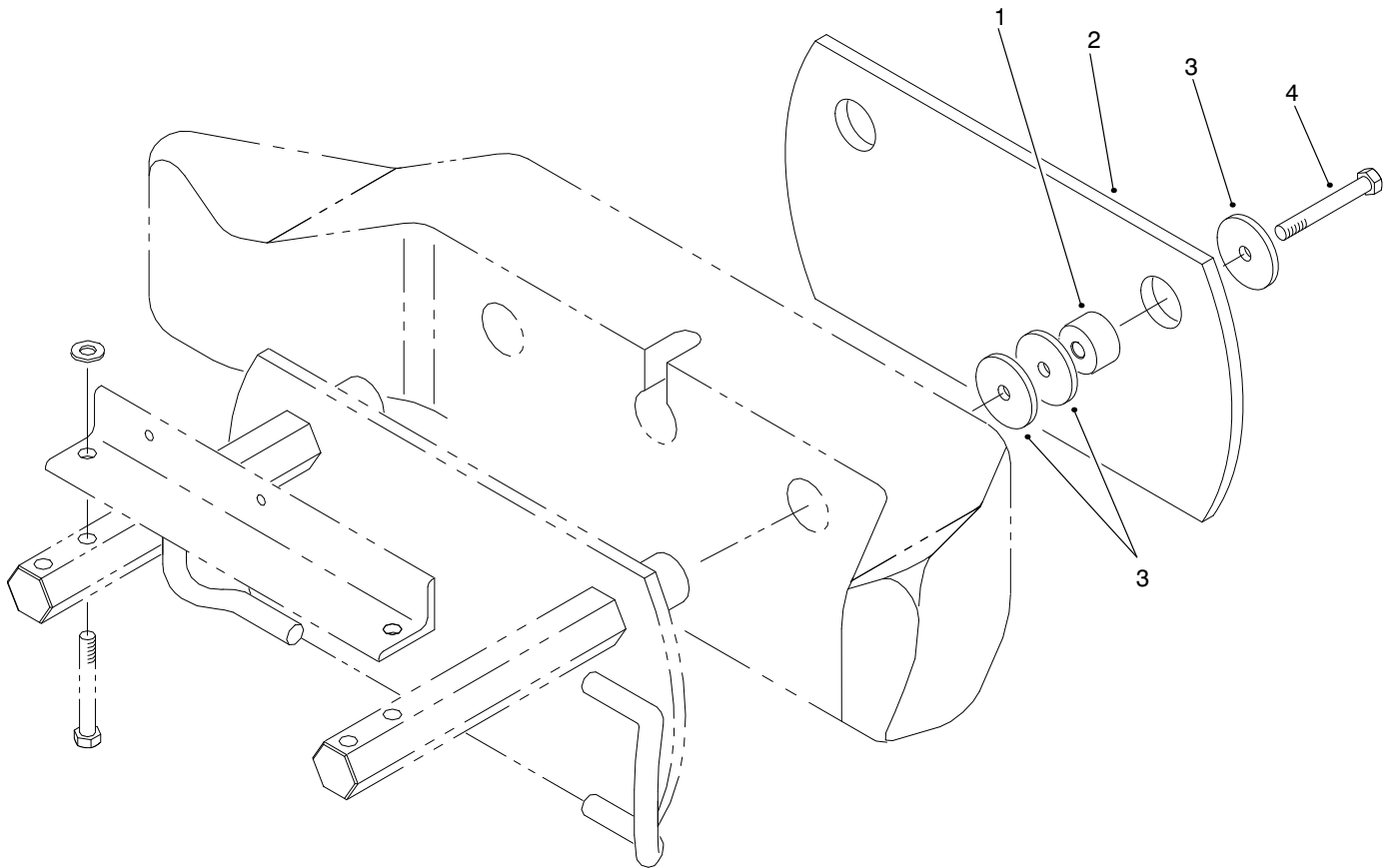


T-1518-3

## RADIATOR ASSEMBLY (Continued)

| Ref. No. | Part No. | Description               | No. Used |
|----------|----------|---------------------------|----------|
| 50       | 94-5625  | Hose – Radiator, Overflow | 1        |
| 51       | 2412-36  | Clamp – Hose              | 1        |
| 52       | 94-5635  | Guard – Fan               | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 53       | 3234-5   | Screw – Hex. Flange Hd. | 2        |
| 54       | 93-6681  | Decal – Warning         | 1        |
| 55       | 2410-64  | Plug – Hole             | 3        |

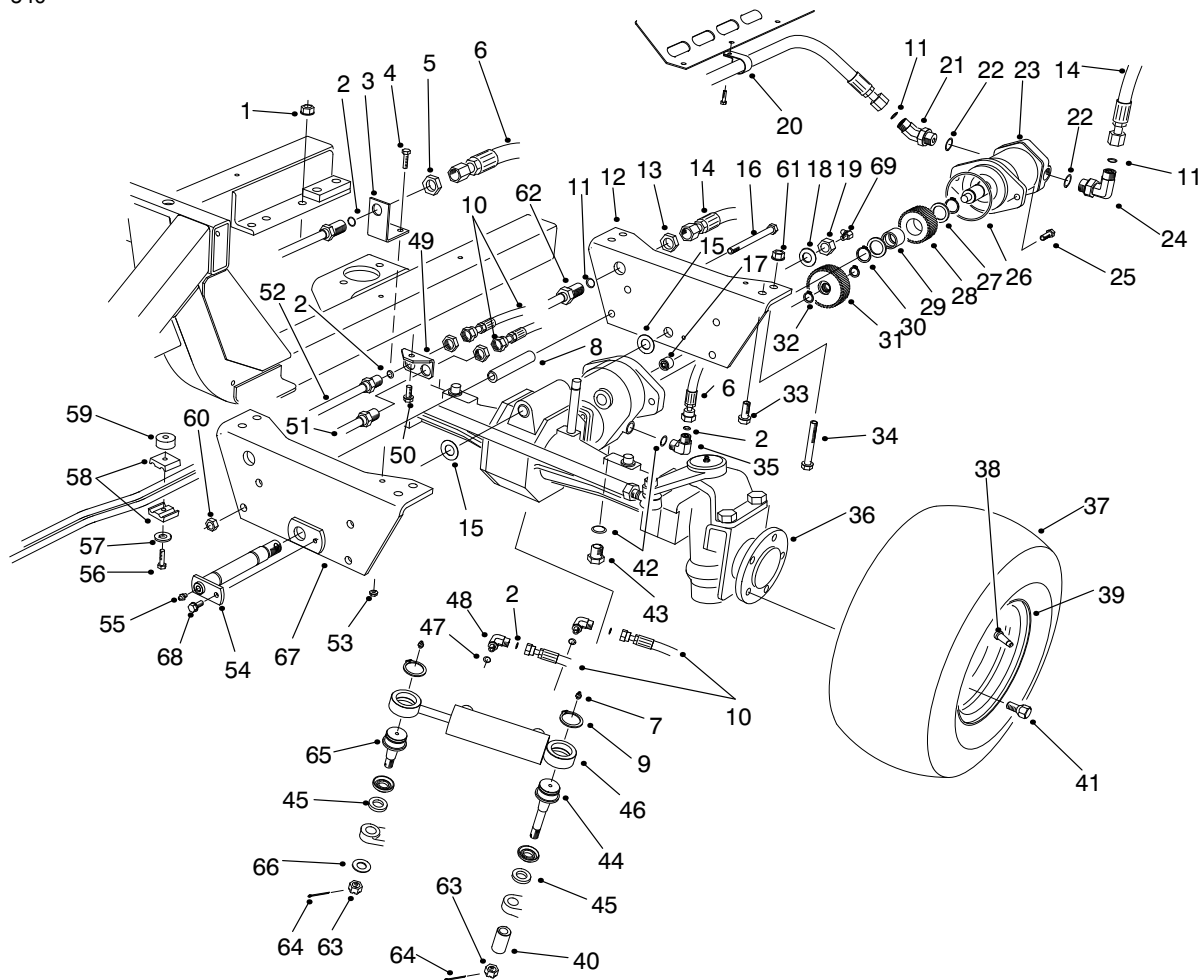


T-1946-1

**ADDITIONAL WEIGHT ASSEMBLY**

| Ref. No. | Part No. | Description | No. Used |
|----------|----------|-------------|----------|
| 1        | 84-1570  | Spacer      | 2        |
| 2        | 88-1220  | Plate       | 2        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 3        | 88-1360  | Washer - Rear Weight | 6        |
| 4        | 325-18   | Screw - Cap Hex. Hd. | 2        |

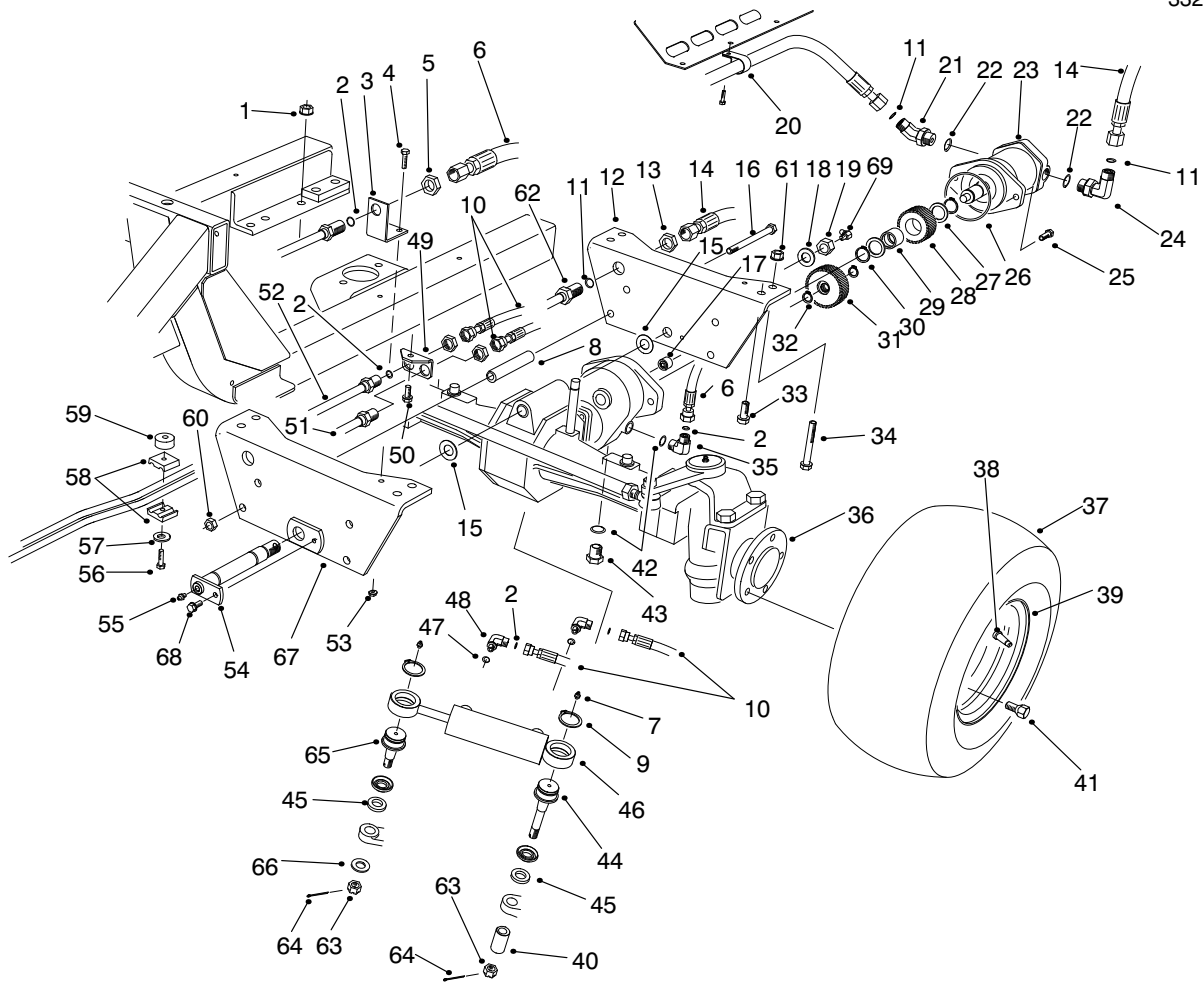


T-1774-3

## REAR AXLE ASSEMBLY

| Ref. No. | Part No.  | Description                                      | No. Used |
|----------|-----------|--------------------------------------------------|----------|
| 1        | 32128-23  | Nut - Flange Lock                                | 2        |
| 2        | 237-22    | Seal - O-Ring                                    | 6        |
| 3        | 76-9290   | Bracket - Bulkhead                               | 1        |
| 4        | 3234-4    | Screw - Cap Hex. Hd.                             | 1        |
| 5        | 340-70    | Nut - Bulkhead                                   | 3        |
| 6        | 86-3140   | Hose - Hydraulic                                 | 1        |
| 7        | 302-5     | Fitting - Grease                                 | 2        |
| 8        | 76-8350   | Stop - Axle                                      | 2        |
| 9        | 32151-104 | Ring - Retaining                                 | 2        |
| 10       | 76-9590   | Hose - Hydraulic                                 | 2        |
| 11       | 237-65    | O-Ring                                           | 3        |
| 12       | 93-7240   | Plate - Axle Pivot Rear                          | 1        |
| 13       | 340-74    | Nut - Bulkhead                                   | 1        |
| 14       | 86-2730   | Hose - Hydraulic                                 | 1        |
| 15       | 93-7247   | Washer - Thrust                                  | 2        |
| 16       | 325-20    | Screw - Cap Hex. Hd.                             | 2        |
| 17       | 74-5700   | Bearing - Needle                                 | 1        |
| 18       | 3256-29   | Washer - Flat                                    | 1        |
| 19       | 94-8000   | Nut - Lock                                       | 1        |
| 20       | 2412-74   | Clamp - R                                        | 1        |
| 21       | 340-156   | Fitting - Hydraulic 45°<br>(Incl. Ref. #11 & 22) | 1        |
| 22       | 237-81    | O-Ring                                           | 2        |
| 23       | 76-6580   | Motor - Hydraulic                                | 1        |
| 24       | 340-139   | Fitting - Hydraulic 90°<br>(Incl. Ref. #11 & 22) | 1        |

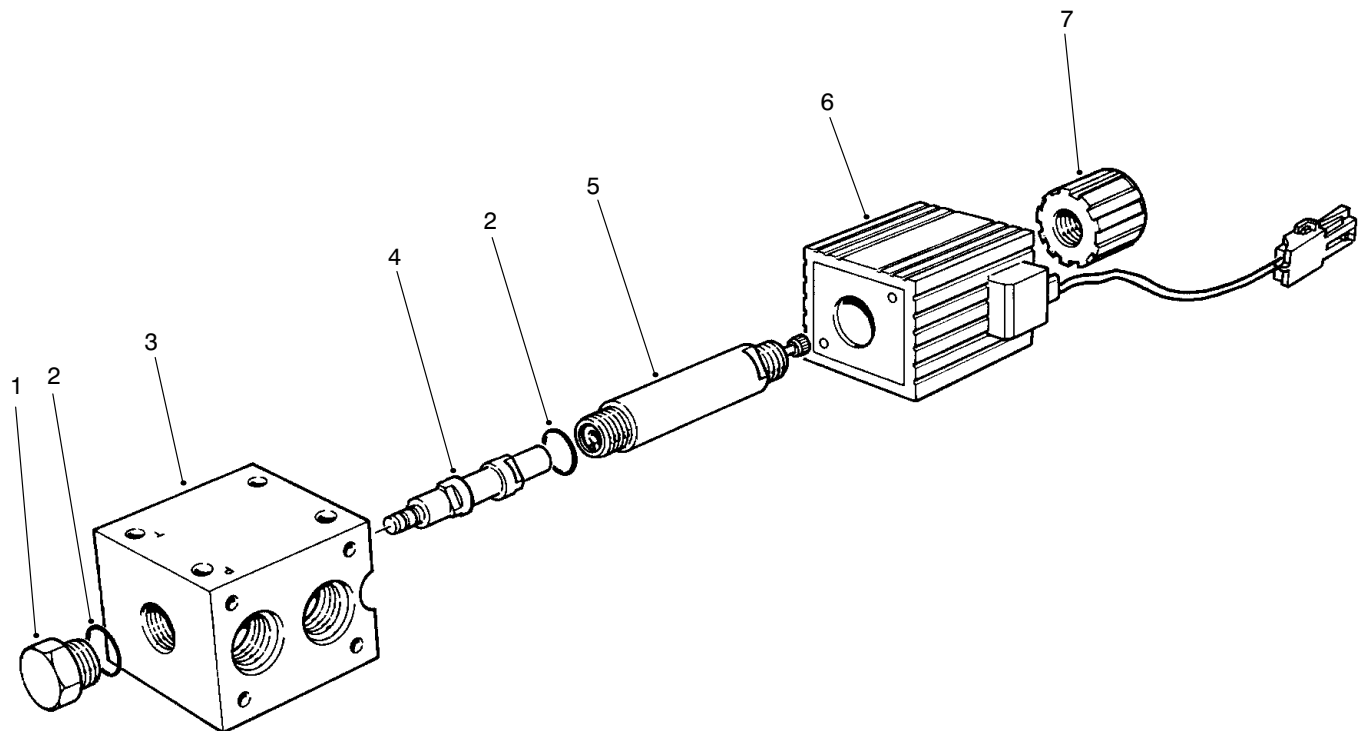
| Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|---------------------------------------------|----------|
| 25       | 325-4    | Screw - Cap Hex. Hd.                        | 2        |
| 26       | 237-166  | O-Ring                                      | 1        |
| 27       | 71-4590  | Washer - Thrust                             | 2        |
| 28       | 92-5825  | Gear - Motor                                | 1        |
| 29       | 71-4580  | Roller - Clutch                             | 1        |
| 30       | 32151-96 | Ring - Retaining                            | 2        |
| 31       | 92-5826  | Gear - Axle                                 | 1        |
| 32       | 32120-15 | Ring - Retaining                            | 2        |
| 33       | 3234-32  | Screw - Hex. Flange Hd.                     | 2        |
| 34       | 325-35   | Screw - Cap Hex. Hd.                        | 2        |
| 35       | 340-77   | Fitting - Hydraulic<br>(Incl. Ref. #2 & 42) | 1        |
| 36       | 93-7780  | Axle - 4wd<br>(Axle Serial No. 0001-4507)   | 1        |
| 36       | 98-7825  | Axle - 4wd<br>(Axle Serial No. 4508 & Up)   | 1        |
| 37       | 86-5910  | Tire                                        | 2        |
| 38       | 217-125  | Rim                                         | 2        |
| 39       | 232-27   | Stem - Valve                                | 2        |
| 40       | 92-5844  | Spacer - Ball Joint                         | 1        |
| 41       | 74-5500  | Bolt - Wheel                                | 10       |
| 42       | 237-42   | O-Ring                                      | 2        |
| 43       | 353-508  | Plug<br>(Incl. Ref. #42)                    | 1        |
| 44       | 92-5839  | Ball Joint                                  | 1        |
| 45       | 92-5833  | Spacer - Ball Joint                         | 2        |



T-1774-3

## REAR AXLE ASSEMBLY (Continued)

| Ref. No. | Part No. | Description                                     | No. Used | Ref. No. | Part No. | Description              | No. Used |
|----------|----------|-------------------------------------------------|----------|----------|----------|--------------------------|----------|
| 46       | 94-8141  | Cylinder – Hydraulic                            | 1        | 58       | 56-7973  | Clamp – Hose             | 2        |
| 47       | 237-78   | O-Ring                                          | 2        | 59       | 80-8660  | Spacer                   | 1        |
| 48       | 340-97   | Fitting – Hydraulic 90°<br>(Incl. Ref. #2 & 47) | 2        | 60       | 3296-45  | Nut – Lock               | 2        |
| 49       | 74-6450  | Bracket – Bulkhead                              | 1        | 61       | 32128-49 | Nut – Lock               | 2        |
| 50       | 32144-11 | Screw – Hex. Washer Hd.                         | 1        | 62       | 86-2770  | Assembly – Tube          | 1        |
| 51       | 86-5790  | Tube Assembly LH Rear                           | 1        | 63       | 32136-14 | Nut – Hex. Slotted Hd.   | 2        |
| 52       | 86-5780  | Tube Assembly RH Rear                           | 1        | 64       | 3272-12  | Pin – Cotter             | 2        |
| 53       | 32128-33 | Nut – Flange, Lock                              | 1        | 65       | 92-5838  | Ball Joint               | 1        |
| 54       | 93-7249  | Pin – Axle Pivot                                | 1        | 66       | 92-5836  | Washer – Axle            | 1        |
| 55       | 302-2    | Fitting – Grease                                | 1        | 67       | 93-7241  | Plate – Axle Pivot Front | 1        |
| 56       | 32104-37 | Screw – Cap Hex. Hd.                            | 1        | 68       | 32144-41 | Screw – Hex. Flange Hd.  | 1        |
| 57       | 3256-71  | Washer – Flat                                   | 1        | 69       | 302-33   | Fitting – Grease 90°     | 1        |

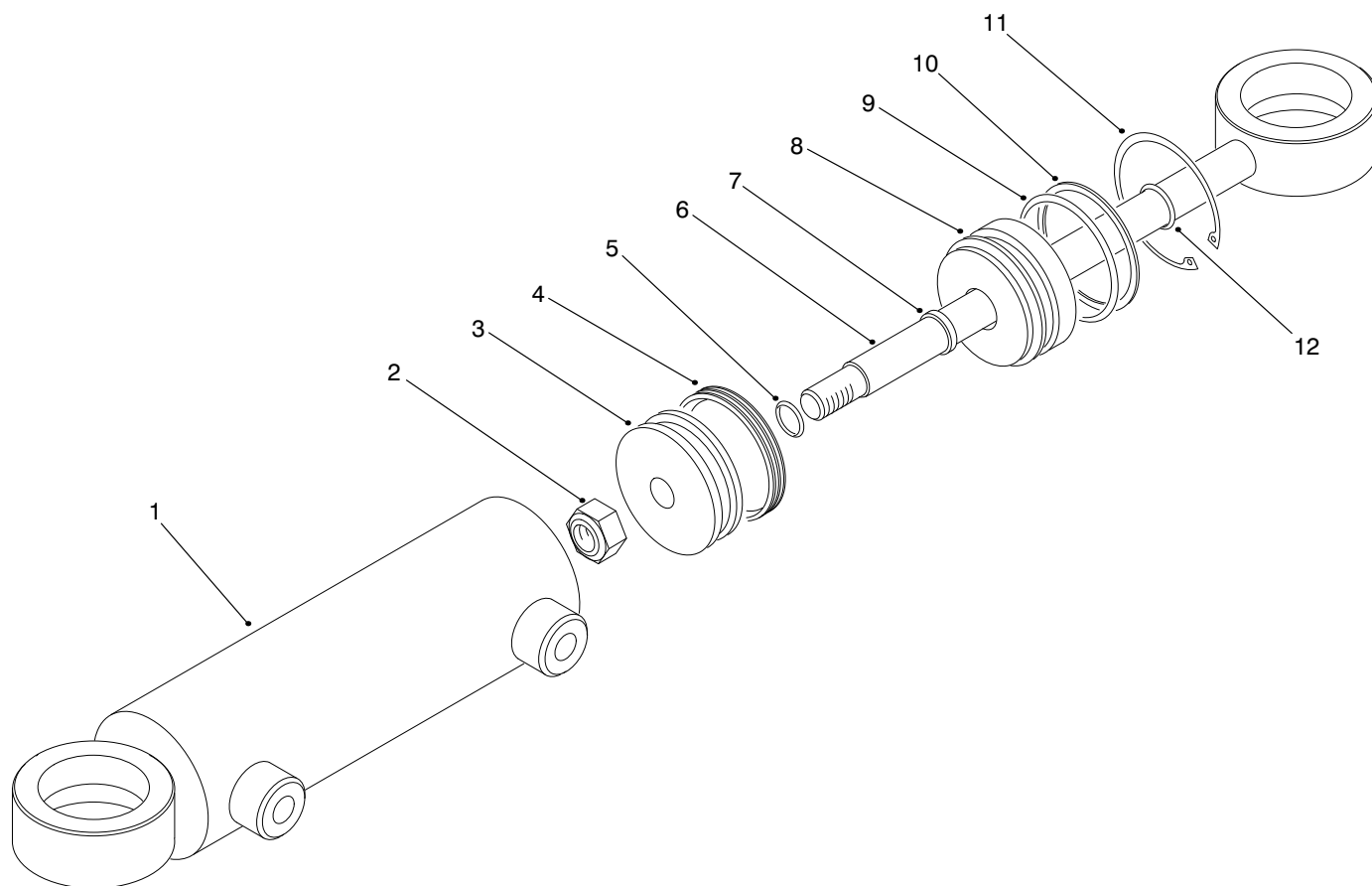


T–1126

## SOLENOID VALVE ASSEMBLY NO. 76–9970

| Ref. No. | Part No. | Description                         | No. Used |
|----------|----------|-------------------------------------|----------|
| 1        | 237–80   | Adapter Assembly<br>(Incl. Ref. #2) | 1        |
| 2        |          | O–Ring                              | 2        |
| 3        |          | Valve – Directional                 | 1        |
| 4        |          | Spool                               | 1        |

| Ref. No. | Part No. | Description                      | No. Used |
|----------|----------|----------------------------------|----------|
| 5        | 218–591  | Tube Assembly<br>(Incl. Ref. #2) | 1        |
| 6        |          | Coil Assembly                    | 1        |
| 7        |          | Nut – Coil                       | 1        |

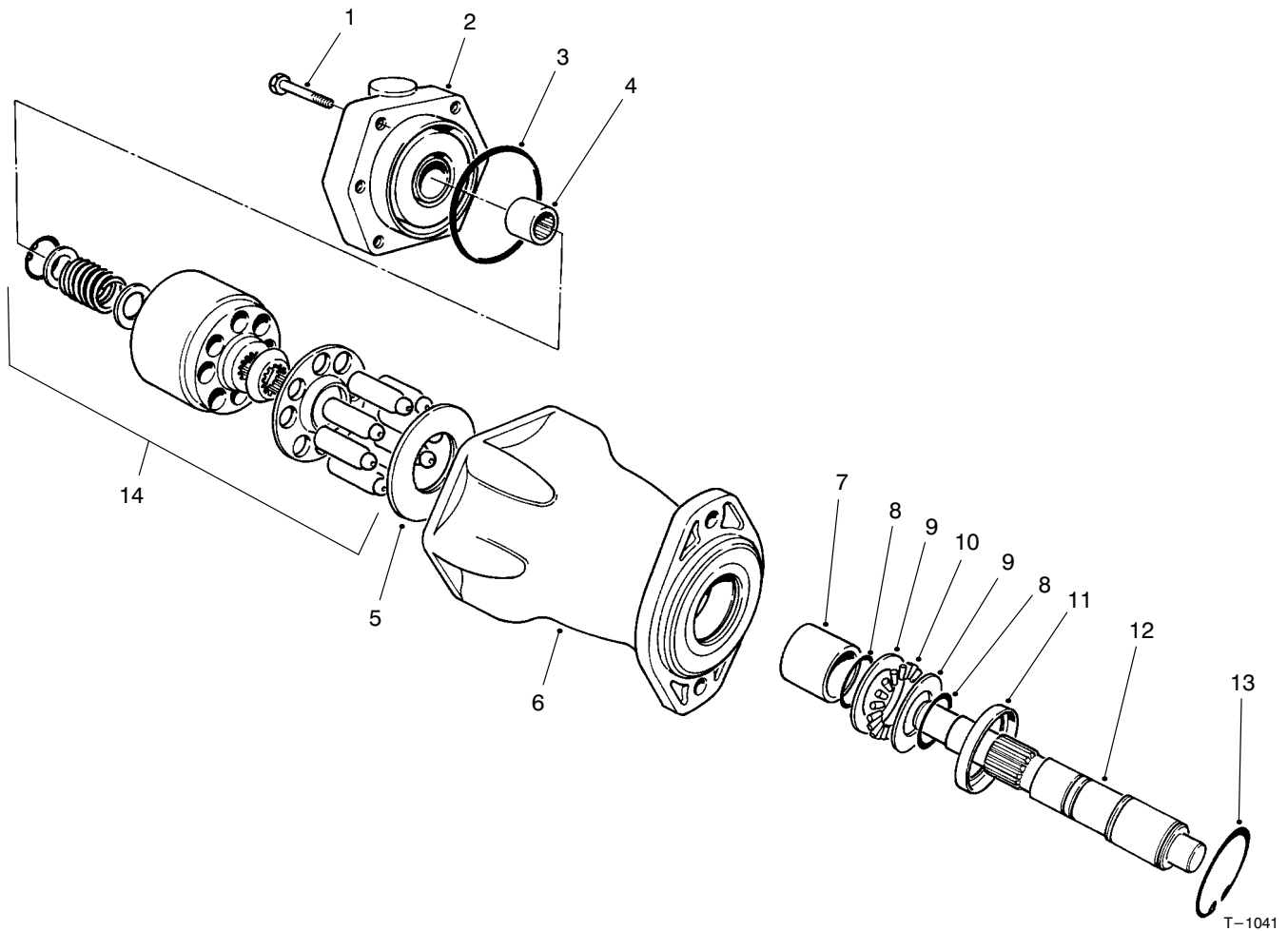


T-2452-1

## HYDRAULIC CYLINDER NO. 94-8141

| Ref. No. | Part No. | Description           | No. Used | Ref. No. | Part No. | Description                                     | No. Used |
|----------|----------|-----------------------|----------|----------|----------|-------------------------------------------------|----------|
| 1        | 94-9955  | Assembly - Barrel     | 1        | 9        |          | O-Ring                                          | 1        |
| 2        | 32152-10 | Nut - Lock            | 1        | 10       |          | Backup                                          | 1        |
| 3        | 94-9957  | Piston                | 1        | 11       | 32120-8  | Ring - Retaining                                | 1        |
| 4        |          | Uniring               | 1        | 12       |          | O-Ring                                          | 1        |
| 5        |          | O-Ring                | 1        | *        | 86-5390  | Kit - Seal<br>(Incl. Ref. #4, 5, 7, 9, 10 & 12) | 1        |
| 6        | 94-9956  | Assembly - Piston Rod | 1        |          |          |                                                 |          |
| 7        |          | Seal - Rod            | 1        |          |          |                                                 |          |
| 8        | 94-9958  | Gland - Cylinder      | 1        |          |          |                                                 |          |

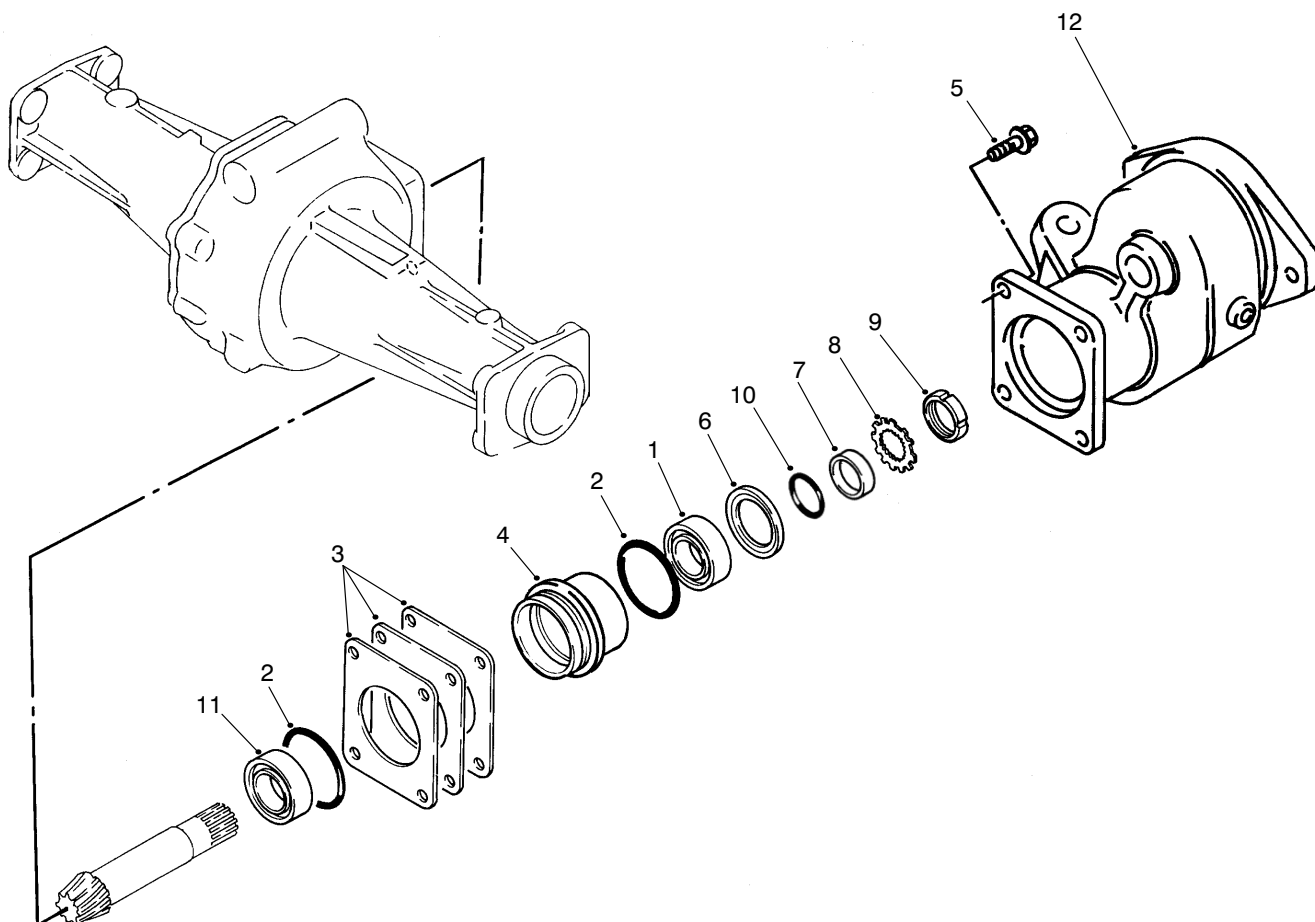
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## HYDRAULIC MOTOR NO. 76-6580

| Ref. No. | Part No. | Description                            | No. Used |
|----------|----------|----------------------------------------|----------|
| 1        | 76-6990  | Screw - Cap, Hex. Hd.                  | 6        |
| 2        | 76-6920  | Back Plate Assembly<br>(Incl. Ref. #4) | 1        |
| 3        | 76-6980  | O-Ring                                 | 1        |
| 4        |          | Bearing                                | 1        |
| 5        | 76-6970  | Insert - Camplate                      | 1        |
| 6        | 76-6940  | Housing Assembly<br>(Incl. Ref. #7)    | 1        |

| Ref. No. | Part No. | Description       | No. Used |
|----------|----------|-------------------|----------|
| 7        |          | Bearing           | 1        |
| 8        | 76-7000  | Ring - Retaining  | 2        |
| 9        | 76-6950  | Race - Thrust     | 1        |
| 10       | 76-6960  | Bearing - Thrust  | 1        |
| 11       | 76-7020  | Spacer            | 1        |
| 12       | 76-6930  | Shaft - Drive     | 1        |
| 13       | 76-7010  | Ring - Retaining  | 1        |
| 14       | 76-6910  | Rotating Assembly | 1        |

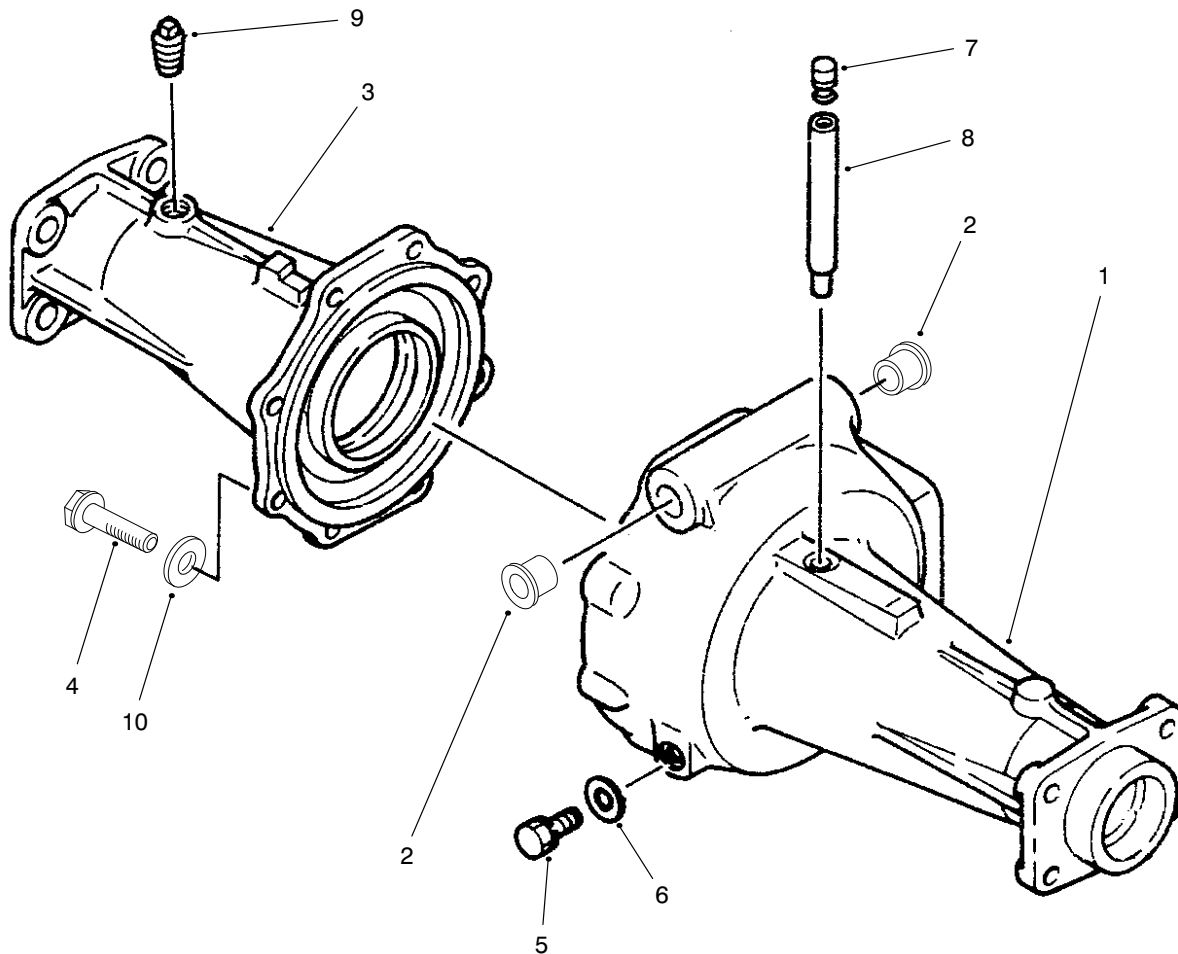


T-1109-2

## SLEEVE ASSEMBLY

| Ref. No. | Part No. | Description   | No. Used | Ref. No. | Part No. | Description                 | No. Used |
|----------|----------|---------------|----------|----------|----------|-----------------------------|----------|
| 1        | 76-7330  | Bearing       | 1        | 7        | 76-7350  | Bushing                     | 1        |
| 2        | 76-7400  | O-Ring        | 2        | 8        | 76-7380  | Washer                      | 1        |
| 3        | 76-7410  | Shim - 0.1 mm | A/R      | 9        | 76-7390  | Nut - Lock                  | 1        |
| *        | 76-7420  | Shim - 0.2 mm | A/R      | 10       | 76-7360  | O-Ring                      | 1        |
| *        | 76-7430  | Shim - 0.4 mm | A/R      | 11       | 76-7370  | Bearing                     | 1        |
| 4        | 76-7320  | Sleeve        | 1        | 12       | 76-8070  | Adapter                     | 1        |
| 5        | 93-7773  | Bolt          | 4        | *        | 77-4010  | Shim Set<br>(Incl. Ref. #3) | 1        |
| 6        | 76-7340  | Seal - Oil    | 1        |          |          |                             |          |

\*Not Illustrated

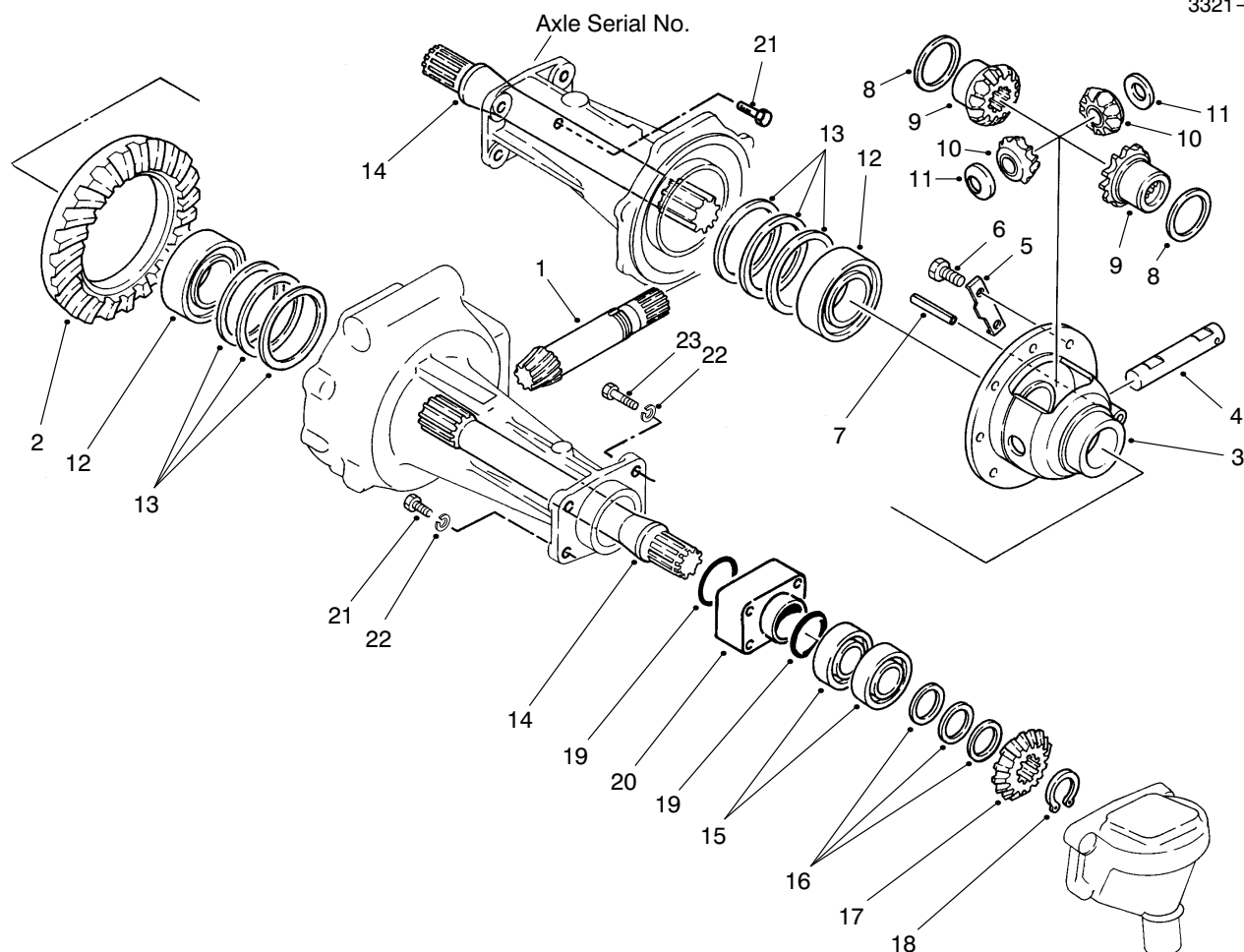


T-1112-2

## AXLE HOUSING ASSEMBLY

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 1        | 93-7778  | Housing - Axle A        | 1        |
| 2        | 93-7787  | Bushing - Flange        | 2        |
| 3        | 93-7779  | Housing - Axle B        | 1        |
| 4        | 93-7782  | Screw - Hex. Hd. Flange | 8        |
| 5        | 76-7110  | Plug                    | 1        |

| Ref. No. | Part No. | Description   | No. Used |
|----------|----------|---------------|----------|
| 6        | 76-7120  | Seal - Washer | 1        |
| 7        | 76-7480  | Plug - Vent   | 1        |
| 8        | 76-7470  | Pipe          | 1        |
| 9        | 76-7140  | Plug          | 1        |
| 10       | 93-7781  | Washer        | 8        |

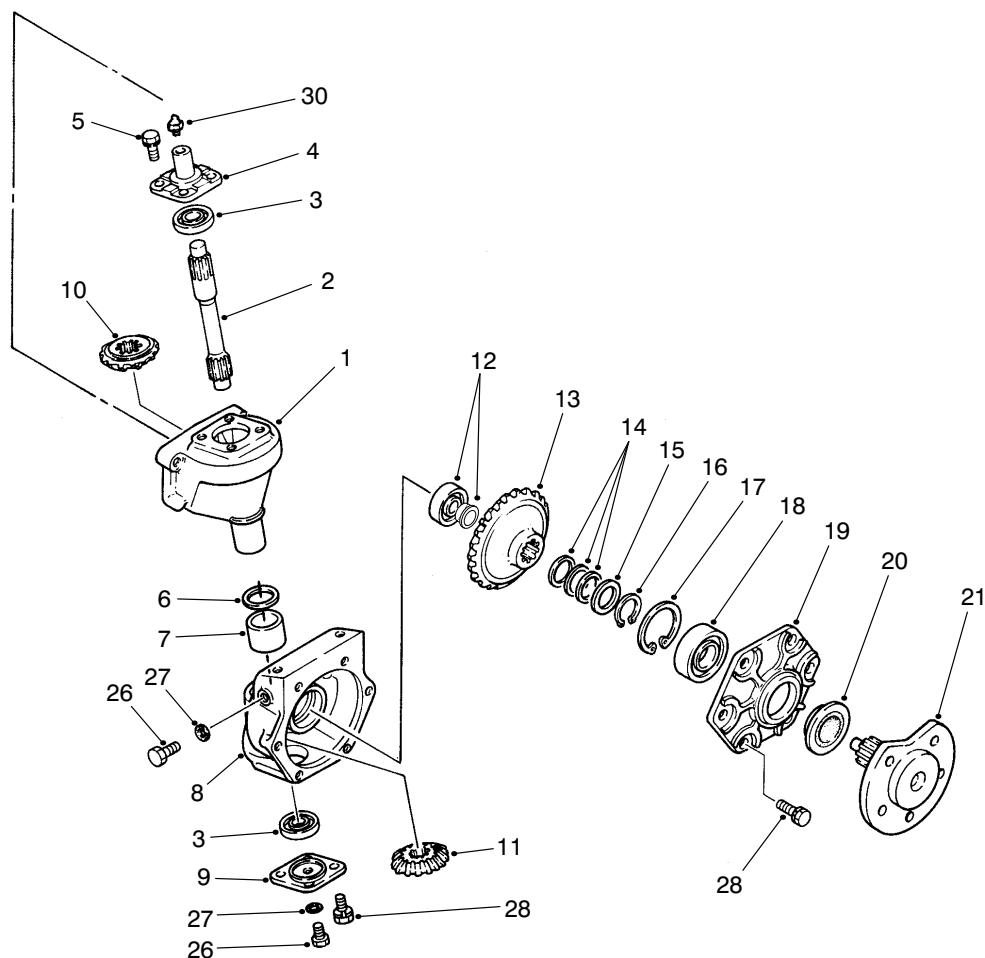


T-1111-3

## DIFFERENTIAL & SHAFT ASSEMBLY

| Ref. No. | Part No. | Description                                        | No. Used | Ref. No. | Part No. | Description                                                             | No. Used |
|----------|----------|----------------------------------------------------|----------|----------|----------|-------------------------------------------------------------------------|----------|
| 1        | 76-7250  | Shaft - Drive                                      | 1        | 14       | 76-7490  | Shaft - Differential                                                    | 2        |
| 2        | 76-7240  | Ring - Gear<br>(Axle Serial No. 0001-4507)         | 1        | 15       | 76-7500  | Bearing                                                                 | 4        |
| 2        | 98-7823  | Ring - Gear<br>(Axle Serial No. 4508 & Up)         | 1        | 16       | 76-7520  | Shim - 0.1 mm                                                           | A/R      |
| 3        | 76-7170  | Case - Differential<br>(Axle Serial No. 0001-4507) | 1        | *        | 76-7530  | Shim - 0.2 mm                                                           | A/R      |
| 3        | 98-7822  | Case - Differential<br>(Axle Serial No. 4508 & Up) | 1        | *        | 76-7540  | Shim - 0.4 mm                                                           | A/R      |
| 4        | 76-7200  | Shaft - Pinion                                     | 1        | 17       | 76-7510  | Pinion - 14T                                                            | 2        |
| 5        | 76-7230  | Washer - Lock<br>(Axle Serial No. 0001-4507)       | 4        | 18       | 76-7550  | Ring - Retaining                                                        | 2        |
| 6        | 76-7260  | Bolt<br>(Axle Serial No. 0001-4507)                | 8        | 19       | 76-7580  | Seal - O-Ring                                                           | 4        |
| 6        | 98-7821  | Bolt<br>(Axle Serial No. 4508 & Up)                | 8        | 20       | 76-7590  | Spacer                                                                  | 2        |
| 7        | 76-7270  | Pin - Spring                                       | 1        | 21       | 76-7600  | Bolt - Reamer                                                           | 2        |
| 8        | 76-7220  | Washer - Thrust                                    | 2        | 22       | 76-7620  | Washer - Lock                                                           | 8        |
| 9        | 76-7190  | Gear - Side                                        | 2        | 23       | 76-7610  | Bolt                                                                    | 6        |
| 10       | 76-7180  | Pinion - Mate                                      | 2        | *        | 76-7160  | Gear Case Assembly<br>(Axle Serial No. 0001-4507)<br>(Incl. Ref. #2-11) | 1        |
| 11       | 76-7210  | Washer - Thrust                                    | 2        | *        | 98-7820  | Gear Case Assembly<br>(Axle Serial No. 4508 & Up)<br>(Incl. Ref. #2-11) | 1        |
| 12       | 76-7280  | Bearing                                            | 2        | *        | 77-4000  | Shim Set<br>(Incl. Ref. #13)                                            | 1        |
| 13       | 76-7290  | Shim - 0.1 mm                                      | A/R      | *        | 77-4020  | Shim Set<br>(Incl. Ref. #16)                                            | 1        |
| *        | 76-7300  | Shim - 0.2 mm                                      | A/R      |          |          |                                                                         |          |
| *        | 76-7310  | Shim - 0.3 mm                                      | A/R      |          |          |                                                                         |          |

\*Not Illustrated



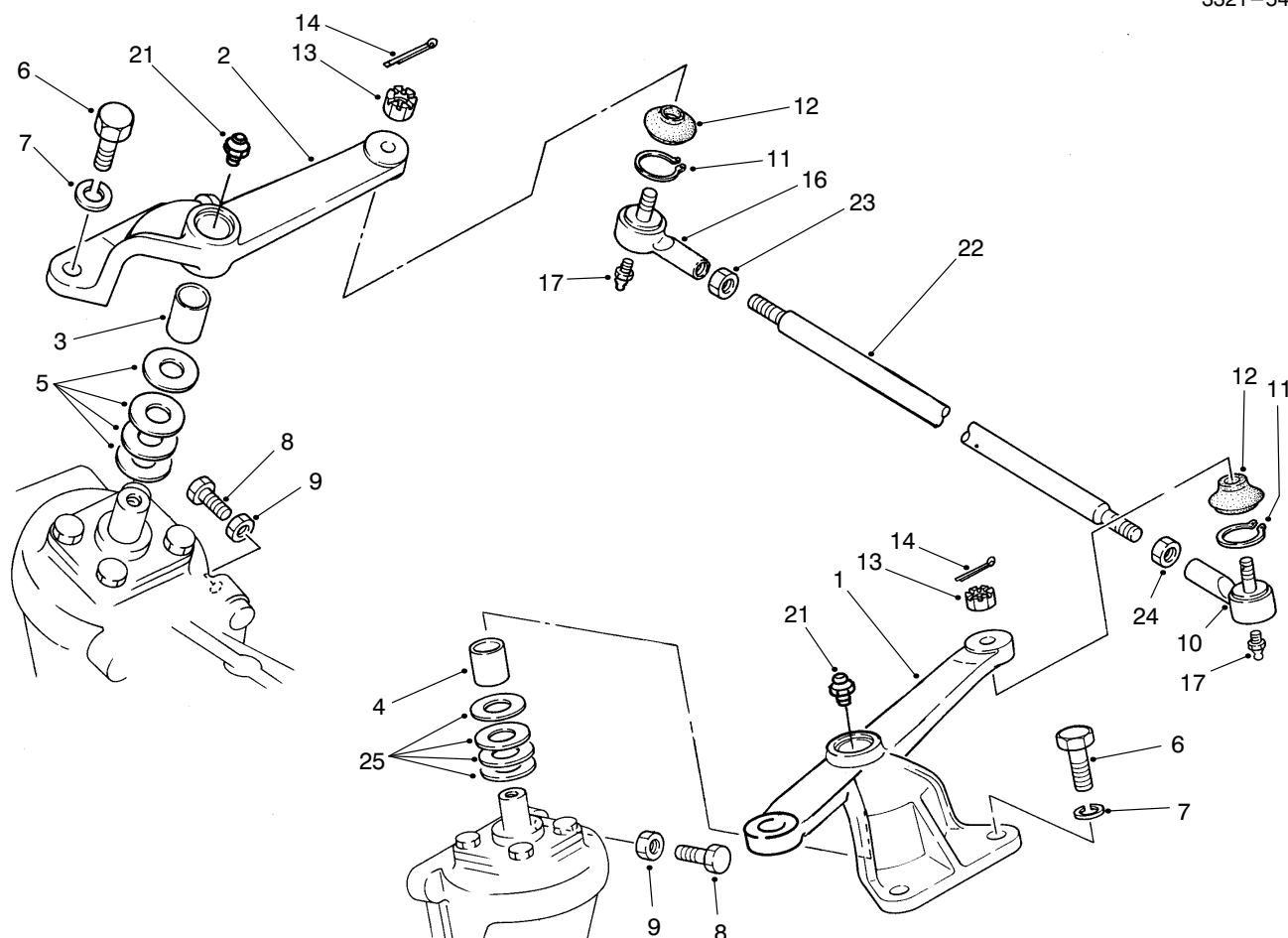
T-1110-1

## STEERING GEAR CASE ASSEMBLY

| Ref. No. | Part No. | Description         | No. Used |
|----------|----------|---------------------|----------|
| 1        | 76-7560  | Case - Gear         | 2        |
| 2        | 76-7650  | Shaft - Final Drive | 2        |
| 3        | 76-7670  | Bearing             | 4        |
| 4        | 76-7660  | Holder - 20 mm L.H. | 1        |
| *        | 76-7630  | Holder - 25 mm R.H. | 1        |
| 5        | 76-7640  | Bolt                | 8        |
| 6        | 76-7740  | Seal - Oil          | 2        |
| 7        | 76-7730  | Bushing             | 2        |
| 8        | 76-7680  | Case - Final Drive  | 2        |
| 9        | 76-7770  | Cover               | 2        |
| 10       | 76-7510  | Pinion - 14T        | 2        |
| 11       | 76-7750  | Pinion - 15T        | 2        |
| 12       | 94-5643  | Bearing             | 2        |
| 13       | 76-7840  | Gear - Bevel        | 2        |

| Ref. No. | Part No. | Description                  | No. Used |
|----------|----------|------------------------------|----------|
| 14       | 76-7890  | Shim - 0.15 mm               | A/R      |
| *        | 76-7900  | Shim - 0.2 mm                | A/R      |
| *        | 76-7910  | Shim - 0.4 mm                | A/R      |
| 15       | 76-7880  | Spacer                       | 2        |
| 16       | 76-7920  | Ring - Retaining             | 2        |
| 17       | 76-7930  | Ring - Retaining             | 2        |
| 18       | 93-7775  | Bearing                      | 2        |
| 19       | 76-7810  | Holder - Bearing             | 2        |
| 20       | 76-7870  | Seal - Oil                   | 2        |
| 21       | 76-7830  | Shaft - Wheel                | 2        |
| 26       | 76-7110  | Plug                         | 4        |
| 27       | 76-7120  | Seal - Washer                | 4        |
| 28       | 76-7640  | Bolt                         | 20       |
| 30       | 76-7960  | Fitting - Grease             | 2        |
| *        | 77-4030  | Shim Set<br>(Incl. Ref. #14) | 1        |

\*Not Illustrated

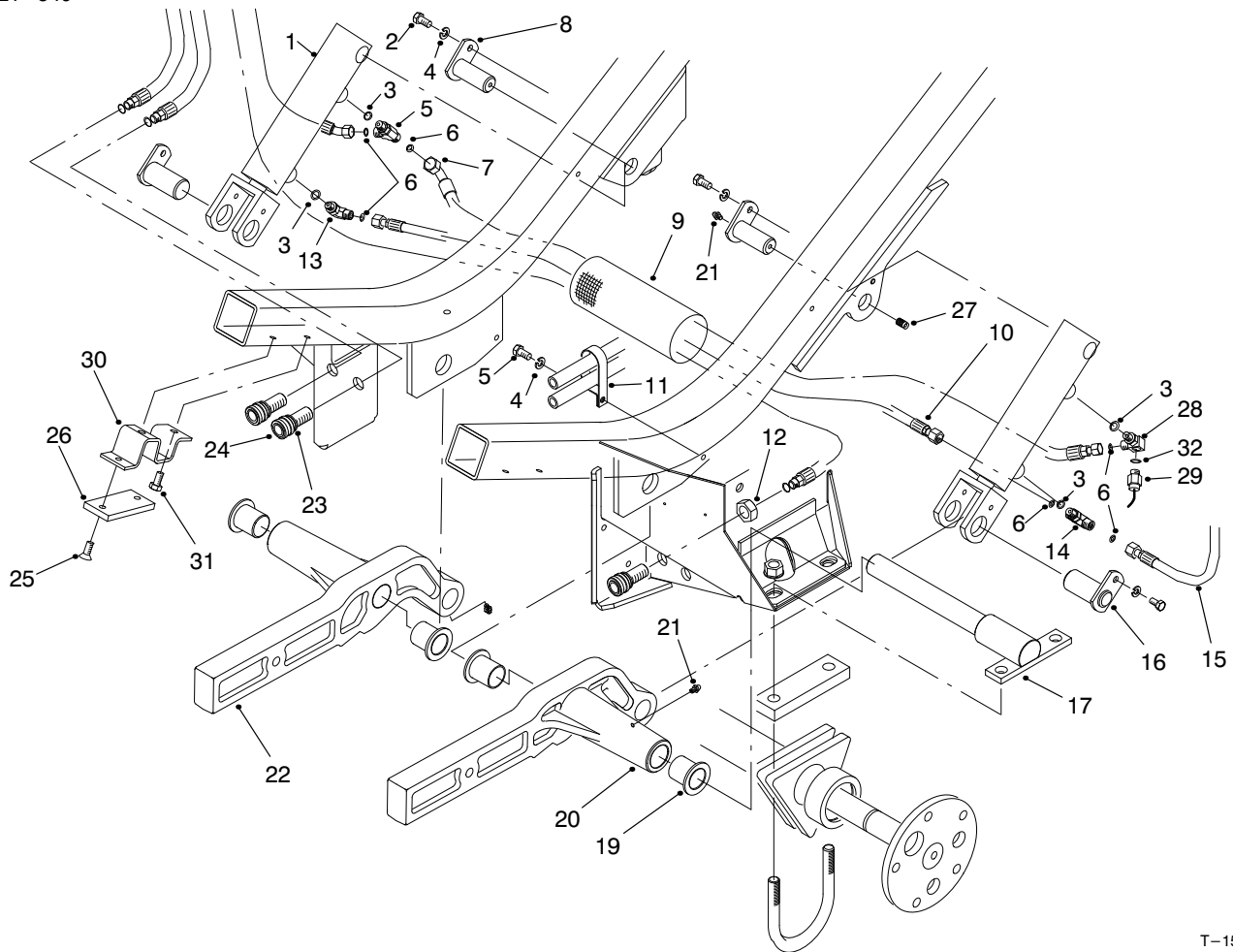


T-1108-1

## STEERING ARM LINKAGE

| Ref. No. | Part No. | Description                                       | No. Used | Ref. No. | Part No. | Description                                       | No. Used |
|----------|----------|---------------------------------------------------|----------|----------|----------|---------------------------------------------------|----------|
| 1        | 94-8018  | Arm - Drag Link                                   | 1        | 14       | 3272-7   | Pin - Cotter                                      | 2        |
| 2        | 94-8019  | Arm - Tie Rod                                     | 1        | 16       | 76-8050  | R.H. Rod End Assembly<br>(Incl. Ref. #11-14 & 17) | 1        |
| 3        | 76-4260  | Bushing                                           | 1        | 17       | 93-7786  | Fitting - Grease                                  | 2        |
| 4        | 76-7950  | Bushing                                           | 1        | 21       | 76-7960  | Fitting - Grease                                  | 2        |
| 5        | 76-7820  | Shim - 1.0 mm                                     | A/R      | 22       | 76-8020  | Rod - Tie                                         | 1        |
| *        | 76-7970  | Shim - 1.4 mm                                     | A/R      | 23       | 76-8060  | Nut - R.H.                                        | 1        |
| *        | 76-7980  | Shim - 1.2 mm                                     | A/R      | 24       | 76-8040  | Nut - L.H.                                        | 1        |
| *        | 76-7990  | Shim - .08 mm                                     | A/R      | 25       | 76-7700  | Shim - 0.8 mm                                     | A/R      |
| 6        | 76-8000  | Bolt                                              | 4        | *        | 76-7760  | Shim - 1.0 mm                                     | A/R      |
| 7        | 76-8010  | Washer                                            | 4        | *        | 76-7780  | Shim - 1.2 mm                                     | A/R      |
| 8        | 76-7710  | Bolt                                              | 4        | *        | 76-7790  | Shim - 1.4 mm                                     | A/R      |
| 9        | 76-7720  | Nut                                               | 4        | *        | 77-4050  | Shim Set<br>(Incl. Ref. #5)                       | 1        |
| 10       | 76-8030  | L.H. Rod End Assembly<br>(Incl. Ref. #11-14 & 17) | 1        | *        | 77-4040  | Shim Set<br>(Incl. Ref. #25)                      | 1        |
| 11       | 93-7783  | Ring - Retaining                                  | 2        |          |          |                                                   |          |
| 12       | 93-7784  | Cover                                             | 2        |          |          |                                                   |          |
| 13       | 93-7785  | Nut - Slotted                                     | 2        |          |          |                                                   |          |

\*Not Illustrated

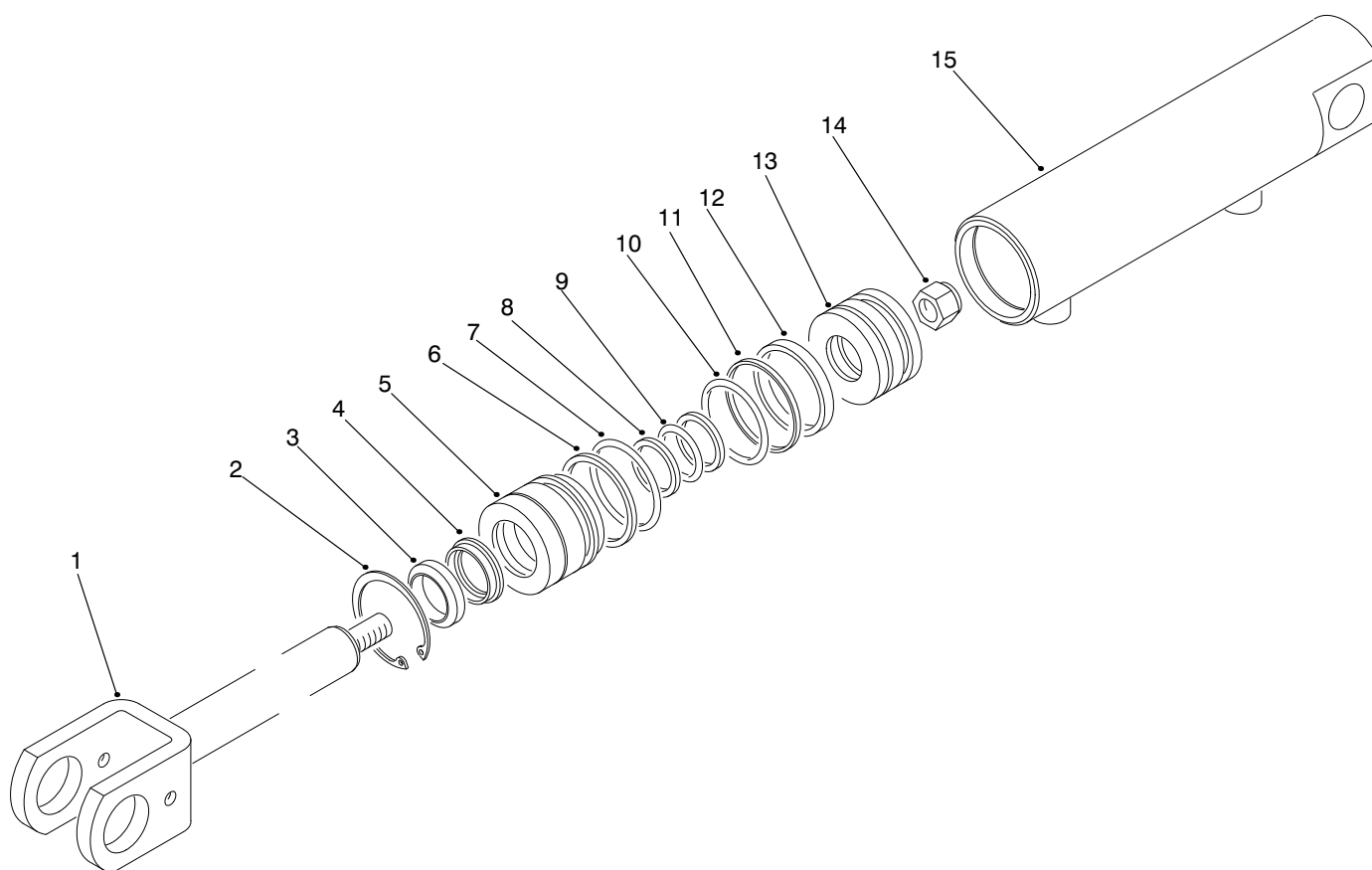


T-1505-3

## LIFT ARM ASSEMBLY

| Ref. No. | Part No. | Description                                    | No. Used | Ref. No. | Part No. | Description                                | No. Used |
|----------|----------|------------------------------------------------|----------|----------|----------|--------------------------------------------|----------|
| 1        | 86-5580  | Cylinder - Hydraulic                           | 2        | 17       | 86-2790  | Pin - Pivot L.H.                           | 1        |
| 2        | 322-2    | Screw - Cap Hex. Hd.                           | 5        | *        | 88-1200  | Pin - Pivot R.H.                           | 1        |
| 3        | 237-78   | O-Ring                                         | 4        | 19       | 68-6480  | Bushing - Flange                           | 4        |
| 4        | 3253-4   | Washer - Lock                                  | 5        | 20       | 84-0730  | Arm - Lift, L.H.                           | 1        |
| 5        | 340-140  | Fitting - Hydraulic Tee<br>(Incl. Ref. #3 & 6) | 1        | 21       | 302-5    | Fitting - Grease                           | 6        |
| 6        | 237-21   | O-Ring                                         | 6        | 22       | 86-5890  | Arm - Lift, R.H.                           | 1        |
| 7        | 86-3160  | Assembly - Hose                                | 1        | 23       | 237-79   | O-Ring                                     | 3        |
| 8        | 84-1350  | Pin - Pivot                                    | 2        | 24       | 86-5450  | Coupler - Hydraulic<br>(Incl. Ref. #23)    | 3        |
| 9        | 70-1380  | Sleeve - Protective                            | 1        | 25       | 32108-58 | Screw - Machine Flat Hd.                   | 4        |
| 10       | 86-3200  | Hose Assembly                                  | 1        | 26       | 69-9300  | Pad - Bumper                               | 2        |
| 11       | 2412-137 | R-Clamp                                        | 1        | 27       | 3247-4   | Screw - Set                                | 2        |
| 12       | 3220-7   | Nut - Jam                                      | 3        | 28       | 93-7217  | Fitting - Hydraulic<br>(Incl. Ref. #3 & 6) | 1        |
| 13       | 340-132  | Fitting - Hydraulic 90°<br>(Incl. Ref. #3 & 6) | 1        | 29       | 94-8022  | Switch - Pressure<br>(Incl. Ref. #32)      | 1        |
| 14       | 340-125  | Fitting - Hydraulic Tee<br>(Incl. Ref. #3 & 6) | 1        | 30       | 93-7204  | Mount - Pad                                | 2        |
| 15       | 86-3170  | Hose Assembly                                  | 1        | 31       | 32104-6  | Screw - Cap Hex.                           | 4        |
| 16       | 88-1190  | Pin - Pivot                                    | 2        | 32       | 237-42   | Seal - O-Ring                              | 1        |

\*Not Illustrated

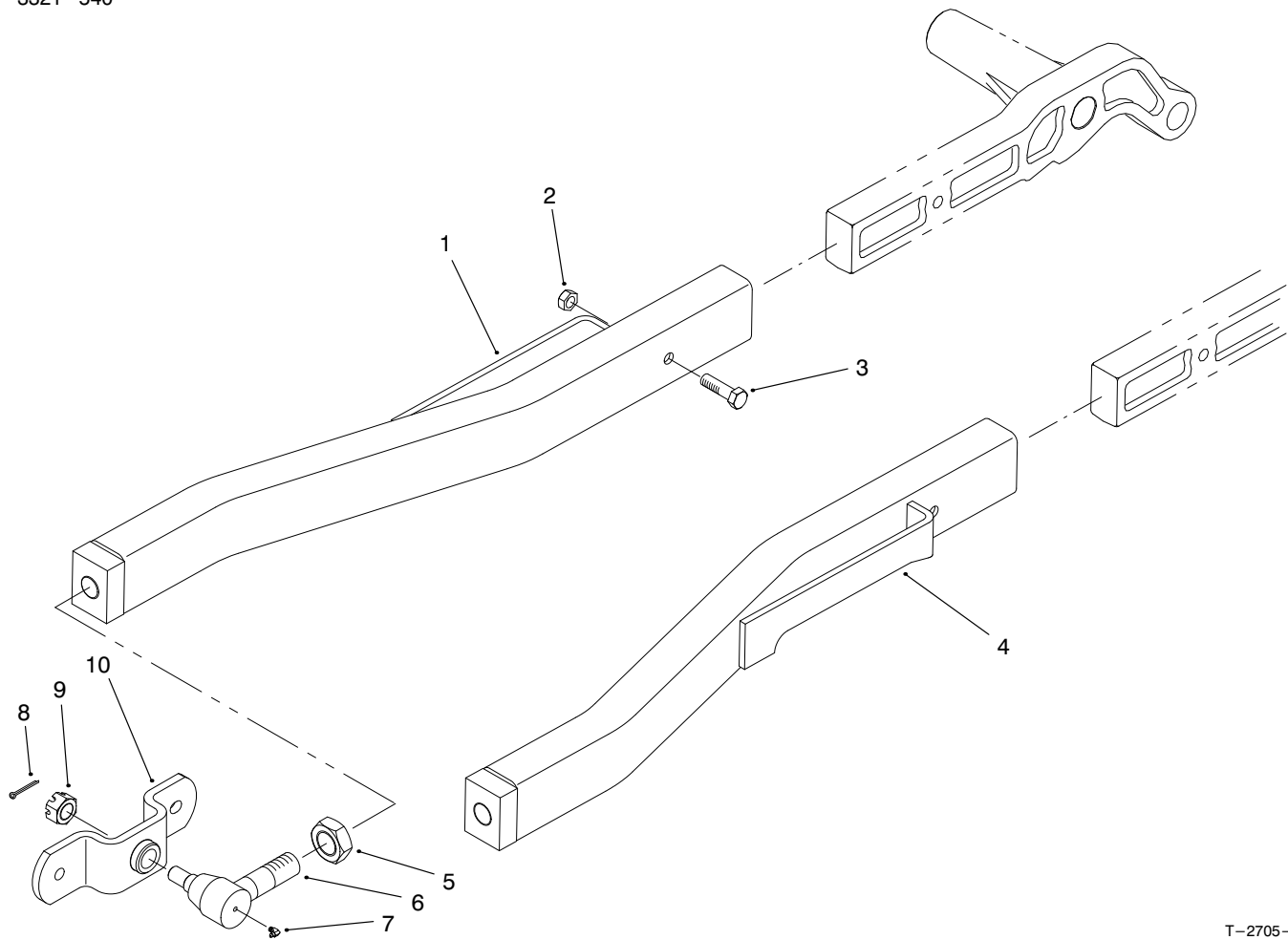


T-1490-1

## HYDRAULIC CYLINDER NO. 86-5580

| Ref. No. | Part No. | Description      | No. Used | Ref. No. | Part No. | Description              | No. Used |
|----------|----------|------------------|----------|----------|----------|--------------------------|----------|
| 1        | 88-3620  | Assembly - Rod   | 1        | 10       |          | O-Ring                   | 1        |
| 2        |          | Ring - Retaining | 1        | 11       |          | Ring - Piston, Unithane  | 1        |
| 3        |          | Wiper - Rod      | 1        | 12       |          | Ring - Wear              | 1        |
| 4        |          | U-Cup - Loaded   | 1        | 13       | 88-3600  | Piston                   | 1        |
| 5        | 88-3630  | Head             | 1        | 14       | 88-3590  | Nut - Lock               | 1        |
| 6        |          | Ring - Back-Up   | 1        | 15       | 88-3610  | Assembly - Barrel        | 1        |
| 7        |          | O-Ring           | 1        | *        | 88-3640  | Kit - Seal               |          |
| 8        |          | Ring - Back-Up   | 2        |          |          | (Incl. Ref. #2-4 & 6-12) | 1        |
| 9        |          | O-Ring           | 1        |          |          |                          |          |

\*Not Illustrated

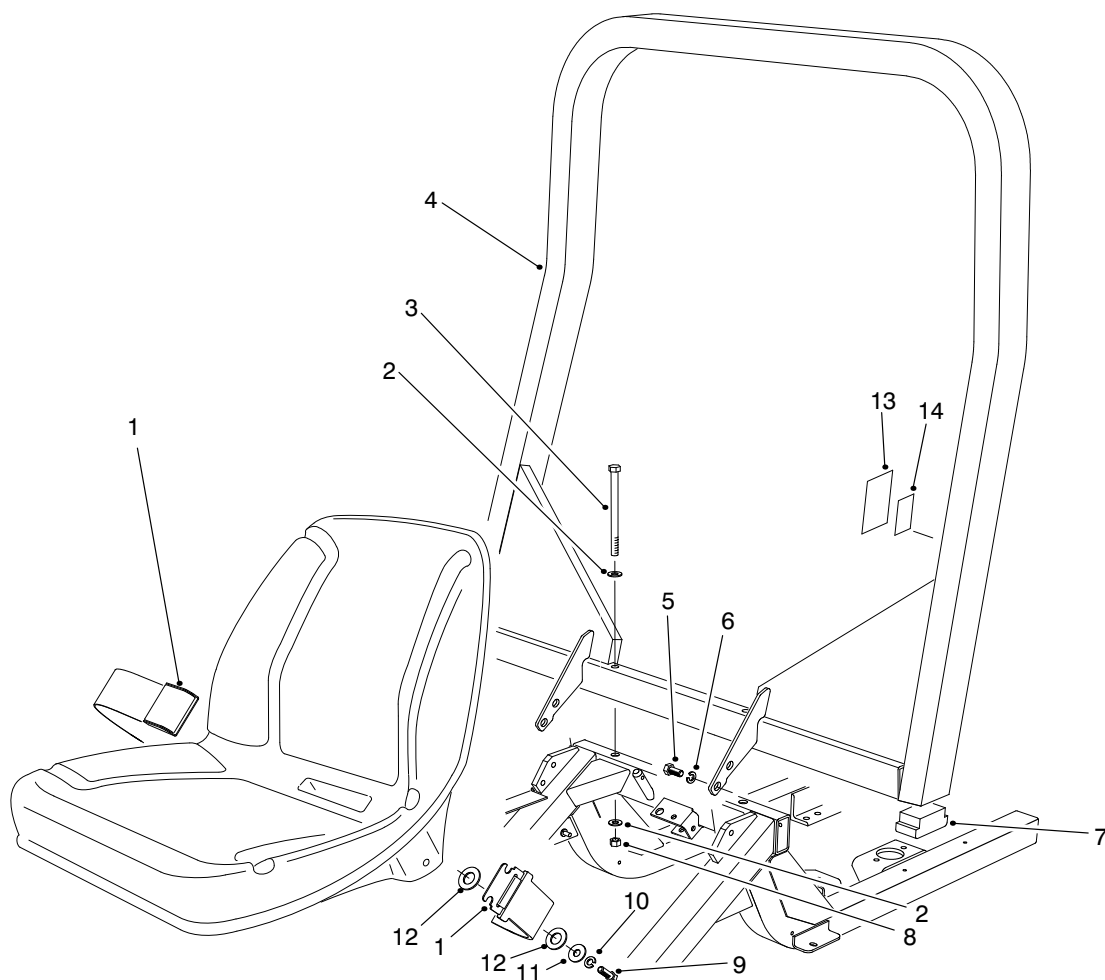


T-2705-1

## CARRIER FRAME ASSEMBLY

| Ref. No. | Part No. | Description                | No. Used |
|----------|----------|----------------------------|----------|
| 1        | 86-2280  | Carrier Tube Assembly – RH | 1        |
| 2        | 3296-23  | Nut – Hex. Lock            | 2        |
| 3        | 325-11   | Screw – HH                 | 2        |
| 4        | 86-2320  | Carrier Tube Assembly – LH | 1        |
| 5        | 21-3000  | Nut – Jam                  | 2        |

| Ref. No. | Part No. | Description               | No. Used |
|----------|----------|---------------------------|----------|
| 6        | 86-8100  | Ball Joint                | 2        |
| 7        | 302-60   | Fitting – Lube            | 2        |
| 8        | 3272-12  | Pin – Cotter              | 2        |
| 9        | 32136-2  | Nut – Hex. Slotted        | 2        |
| 10       | 69-7290  | Ball Joint Mount Assembly | 2        |



T-2249-2

## R.O.P.S. ASSEMBLY

| Ref. No. | Part No. | Description          | No. Used | Ref. No. | Part No. | Description                | No. Used |
|----------|----------|----------------------|----------|----------|----------|----------------------------|----------|
| 1        | 21-4191  | Seat Belt Assembly   | 1        | 9        | 3212-5   | Screw - Cap Hex. Hd.       | 2        |
| 2        | 3256-26  | Washer - Flat        | 4        | 10       | 3253-6   | Washer - Lock              | 2        |
| 3        | 325-33   | Screw - Cap Hex. Hd. | 2        | 11       | 3256-5   | Washer - Flat              | 2        |
| 4        | 76-9370  | Bar - R.O.P.S.       | 1        | 12       | 3256-28  | Washer - Flat              | 2        |
| 5        | 325-2    | Screw - Cap Hex. Hd. | 4        | 13       | 92-6073  | Decal - Clear              | 1        |
| 6        | 3253-7   | Washer - Lock        | 4        | 14       | 92-2587  | Decal - R.O.P.S.           | 1        |
| 7        | 82-5370  | Foam - R.O.P.S. Bar  | 2        | *        |          | Canopy Assembly (Optional) | 1        |
| 8        | 3296-25  | Nut - Lock           | 2        |          |          |                            |          |

\*Not Illustrated

NOTE: When purchasing Canopy assembly or R.O.P.S. assembly in its entirety, order direct from Custom Products PO Box 718 Litchfield, MN 55355

# TORO PART NUMBER INDEX

| Part No. | Description              | Pg. Ref.<br>No. No. Qty. | Part No. | Description             | Pg. Ref.<br>No. No. Qty. |
|----------|--------------------------|--------------------------|----------|-------------------------|--------------------------|
| 3-1506   | Bushing - Flange         | 3 9 2                    | 56-7973  | Clamp                   | 33 20 2                  |
| 3-6498   | Washer                   | 29 49 2                  | 56-7973  | Clamp - Hose            | 59 58 2                  |
| 5-2512   | Bushing - Sleeve         | 8 19 2                   | 56-7973  | Clamp - Tube            | 10 46 4                  |
| 10-8110  | Washer - Thrust          | 10 13 1                  | 57-5420  | Screw - Shoulder        | 24 1 1                   |
| 14-0859  | Fuel Tank Plate Assembly | 21 25 1                  | 57-6380  | Screw - Cap Hex. Hd.    | 34 16 1                  |
| 14-0949  | Battery Base Assembly    | 34 40 1                  | 58-6290  | Poppet Assembly         | 20 34 3                  |
| 20-9500  | Washer                   | 11 55 2                  | 58-6310  | Spacer                  | 20 28 3                  |
| 21-3000  | Nut - Jam                | 70 5 2                   | 58-6320  | Wiper - Seal            | 20 24 3                  |
| 21-4191  | Seat Belt Assembly       | 71 1 1                   | 58-6330  | Seat Assy.              | 20 35 3                  |
| 21-9260  | Cover - Dust             | 10 6 1                   | 58-6340  | Seal - O-Ring           | 20 36 3                  |
| 23-7270  | Nut - Wheel              | 7 20 10                  | 58-6350  | Plug Assembly           | 20 11 3                  |
| 25-2380  | Plate - Thrust           | 6 10 1                   | 58-6370  | Washer - Back-Up        | 20 10 6                  |
| 25-2430  | Pin - Straight           | 6 13 1                   | 58-6400  | Bushing                 | 20 25 3                  |
| 27-2360  | Switch - Ignition        | 18 20 1                  | 58-6420  | Cap Assembly            | 20 30 3                  |
| 27-3710  | Dipstick                 | 3 21 1                   | 58-6450  | Seal - O-Ring           | 20 12 6                  |
| 28-3380  | Plate - Valve            | 6 1 1                    | 58-6460  | Ring - Retaining        | 20 29 3                  |
| 28-3520  | O-Ring                   | 32 31 1                  | 58-6470  | Washer                  | 20 18 A/R                |
| 28-3570  | O-Ring                   | 32 11 1                  | 58-6480  | Washer                  | 20 19 A/R                |
| 29-6163  | Switch - Micro           | 29 26 1                  | 58-6490  | Washer                  | 20 20 A/R                |
| 31-0390  | Washer - Friction        | 11 56 2                  | 58-6700  | Washer                  | 20 26 3                  |
| 37-2690  | Capacitor                | 13 12 1                  | 58-6720  | Seal - O-Ring           | 20 7 3                   |
| 37-2690  | Capacitor                | 13 41 1                  | 58-6730  | Spring                  | 20 27 3                  |
| 37-8771  | Screw - Hex. Washer Hd.  | 55 23 2                  | 58-6750  | Seal - O-Ring           | 20 17 1                  |
| 42-9230  | Screw - Cap Hex. Hd.     | 34 18 8                  | 58-6760  | Spring                  | 20 3 3                   |
| 42-9230  | Screw - Cap Hex. Hd.     | 42 38 3                  | 58-6770  | Plunger - Detent        | 20 4 3                   |
| 43-8600  | Spring - Switch          | 13 20 1                  | 58-6780  | Plug Assembly           | 20 1 3                   |
| 43-8610  | Guide                    | 13 19 1                  | 58-6790  | Seal - O-Ring           | 20 5 3                   |
| 43-8610  | Guide - Spring & Ball    | 4 50 1                   | 59-6430  | Valve - Check           | 11 61 1                  |
| 43-8620  | Guide - Pin, Switch      | 13 22 1                  | 59-6730  | Race-Bearing            | 12 7 2                   |
| 43-8860  | Plunger - Switch         | 13 21 1                  | 59-6740  | Bearing-Needle, Thrust  | 12 8 1                   |
| 43-8870  | Boot - Switch            | 13 11 1                  | 59-6820  | Centering Spring Kit    | 12 11 1                  |
| 43-9071  | Seat Switch Assembly     | 13 * 1                   | 59-6830  | Kit-Centering Pin       | 12 20 1                  |
| 44-8320  | Spring                   | 28 9 3                   | 60-3780  | Seal Kit                | 20 * 1                   |
| 46-0330  | Nut-Hex                  | 52 1 2                   | 60-5720  | Seal - O-Ring           | 20 9 6                   |
| 46-6550  | Fitting - Fuel 90°       | 21 6 2                   | 60-5890  | Washer                  | 31 11 1                  |
| 46-6560  | Bushing - Rubber         | 21 9 2                   | 60-6450  | Disc                    | 20 2 A/R                 |
| 46-6810  | Assy. - Screw & Washer   | 19 1 4                   | 61-2790  | Screen                  | 24 3 1                   |
| 46-6810  | Screw - Hex. Washer Hd.  | 1 3 9                    | 62-7400  | Decal - TORO            | 1 1 1                    |
| 46-8091  | Screw - Hex. Washer Hd.  | 1 14 2                   | 62-7650  | Gasket - Sending Unit   | 21 28 1                  |
| 47-6990  | Nut                      | 10 27 1                  | 62-9510  | Washer - Brake Lever    | 36 10 1                  |
| 48-1800  | Cylinder Block Kit       | 6 2 1                    | 63-4090  | Fitting - Adapter 90°   | 19 16 1                  |
| 48-4590  | Horn                     | 13 32 1                  | 63-7622  | Hose - Fuel             | 21 22 2                  |
| 48-7081  | Sleeve                   | 2 48 2                   | 63-7622  | Hose - Fuel             | 35 25 1                  |
| 48-7570  | Screw - Cap Hex. Hd.     | 34 23 3                  | 63-7622  | Hose - Fuel Line        | 35 17 1                  |
| 48-7610  | Screw - Cap Hex. Hd.     | 34 34 3                  | 63-7626  | Hose - Fuel             | 21 7 1                   |
| 48-7780  | Screw - Cap Hex. Hd.     | 34 32 3                  | 63-7627  | Hose - Fuel             | 21 8 1                   |
| 48-7810  | Screw - Cap Hex. Hd.     | 34 22 3                  | 63-7627  | Hose - Fuel             | 35 21 1                  |
| 48-7810  | Screw-Mounting           | 52 5 3                   | 63-7880  | Latch - Brake           | 9 16 1                   |
| 48-7840  | Screw - Cap Hex. Hd.     | 34 11 1                  | 63-7900  | Rack - Brake            | 10 37 1                  |
| 48-7880  | Nut - Hex.               | 16 5 2                   | 63-8360  | Key - Ignition          | 18 5 1                   |
| 48-7880  | Nut - Hex.               | 17 28 1                  | 63-8410  | Washer                  | 29 17 4                  |
| 48-7880  | Nut - Hex.               | 35 34 3                  | 63-8410  | Washer                  | 9 34 1                   |
| 48-7890  | Nut                      | 17 29 1                  | 63-8410  | Washer - Flat           | 24 25 3                  |
| 48-7890  | Nut - Hex.               | 16 4 1                   | 63-9751  | Mount - Linkage Rod     | 9 10 1                   |
| 48-7930  | Nut - Hex                | 16 3 1                   | 63-9751  | Mount - Rubber          | 29 21 4                  |
| 48-7930  | Nut - Hex.               | 35 33 1                  | 65-5100  | Handle - Hood           | 1 18 1                   |
| 48-7930  | Nut - Hex.               | 34 45 1                  | 66-1140  | Hub                     | 9 32 3                   |
| 48-9470  | Bolt - Hex. Head         | 26 11 3                  | 66-2490  | Clamp - Battery         | 34 5 1                   |
| 48-9470  | Screw - Cap Hex. Hd.     | 34 12 1                  | 66-2920  | Washer - Nylon          | 9 39 1                   |
| 49-2640  | Seal - Shaft             | 31 10 1                  | 66-2920  | Washer - Friction       | 17 2 2                   |
| 52-9230  | Ring-Retaining           | 12 3 1                   | 66-2940  | Gauge - Fuel            | 18 10 1                  |
| 52-9240  | Bushing-Seal, Gland      | 12 4 1                   | 66-6480  | Washer                  | 8 6 2                    |
| 52-9250  | Needle Bearing Kit       | 12 * 1                   | 66-8510  | Adjuster & Handle       | 14 16 1                  |
| 52-9260  | Screw-Set                | 12 1 1                   | 66-8530  | Adjuster                | 14 21 1                  |
| 52-9270  | Seat-Ball, Check         | 12 24 1                  | 66-8560  | Nut - Push              | 14 2 4                   |
| 52-9280  | Ball-Check               | 12 22 1                  | 66-8600  | Frame - Upper           | 14 25 1                  |
| 52-9290  | Retainer-Check Ball      | 12 21 1                  | 66-8610  | Frame - Lower           | 14 15 1                  |
| 52-9320  | Drive                    | 12 15 1                  | 66-9290  | Spacer - Suspension     | 14 22 8                  |
| 53-9681  | Mount - Rubber, Engine   | 34 9 2                   | 66-9303  | Screw - Flange Head     | 26 6 6                   |
| 53-9682  | Mount - Rubber, Eng      | 34 31 1                  | 66-9303  | Screw - Hex. Flange Hd. | 29 38 6                  |
| 53-9682  | Mount - Rubber, Engine   | 34 44 1                  | 67-7160  | Holder - Fuse           | 17 20 1                  |
| 56-6710  | O-Ring                   | 31 1 4                   | 67-9100  | Gasket                  | 6 11 1                   |

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

3321-540

| Part No. | Description                  | Pg. Ref.<br>No. No. Qty. | Part No. | Description              | Pg. Ref.<br>No. No. Qty. |
|----------|------------------------------|--------------------------|----------|--------------------------|--------------------------|
| 68-3280  | Spring - Seat                | 15 4 2                   | 74-6660  | Insert - Valve (2.250mm) | 40 * 8                   |
| 68-6150  | Breather                     | 21 10 2                  | 74-6670  | Insert - Valve (2.275mm) | 40 * 8                   |
| 68-6480  | Bushing - Flange             | 68 19 4                  | 74-6680  | Insert - Valve (2.300mm) | 40 * 8                   |
| 68-7573  | Seal - Shroud                | 1 10 2                   | 74-6690  | Insert - Valve (2.325mm) | 40 * 8                   |
| 68-8080  | Wheel - Steering             | 10 25 1                  | 74-6700  | Insert - Valve (2.350mm) | 40 * 8                   |
| 68-9420  | Washer - Lock                | 45 4 6                   | 74-6710  | Insert - Valve (2.375mm) | 40 * 8                   |
| 68-9420  | Washer - Lock                | 41 34 3                  | 74-6720  | Insert - Valve (2.400mm) | 40 13 8                  |
| 69-0760  | Bracket - Armrest L.H.       | 14 * 1                   | 74-6730  | Insert - Valve (2.425mm) | 40 * 8                   |
| 69-0770  | Bracket - Armrest R.H.       | 14 36 1                  | 74-6740  | Insert - Valve (2.450mm) | 40 * 8                   |
| 69-1170  | Gauge - Sight                | 24 6 1                   | 74-6750  | Insert - Valve (2.475mm) | 40 * 8                   |
| 69-1180  | Armrest                      | 14 32 2                  | 74-6760  | Insert - Valve (2.500mm) | 40 * 8                   |
| 69-1560  | Lever - Lock                 | 10 33 1                  | 74-6770  | Insert - Valve (2.525mm) | 40 * 8                   |
| 69-1830  | Plug Assembly                | 20 16 1                  | 74-6780  | Insert - Valve (2.550mm) | 40 * 8                   |
| 69-7010  | Lever - Valve, L.H.          | 19 * 1                   | 74-6790  | Insert - Valve (2.575mm) | 40 * 8                   |
| 69-7290  | Ball Joint Mount Assembly    | 70 10 2                  | 74-6800  | Insert - Valve (2.600mm) | 40 * 8                   |
| 69-9140  | Link - Lever, Valve          | 19 9 3                   | 74-6810  | Insert - Valve (2.625mm) | 40 * 8                   |
| 69-9300  | Pad - Bumper                 | 68 26 2                  | 74-6820  | Insert - Valve (2.650mm) | 40 * 8                   |
| 69-9940  | Nut - Jam                    | 7 33 4                   | 74-6830  | Insert - Valve (2.675mm) | 40 * 8                   |
| 70-1380  | Sleeve - Protective          | 68 9 1                   | 74-6840  | Insert - Valve (2.700mm) | 40 * 8                   |
| 70-1480  | Relay                        | 18 26 2                  | 74-6850  | Insert - Valve (2.725mm) | 40 * 8                   |
| 70-1480  | Relay - SPDT                 | 13 29 1                  | 74-6860  | Insert - Valve (2.750mm) | 40 * 8                   |
| 70-1480  | Relay - Sealed               | 17 5 3                   | 74-6870  | Insert - Valve (2.775mm) | 40 * 8                   |
| 70-1480  | Relay - Starter              | 21 35 1                  | 74-6880  | Insert - Valve (2.800mm) | 40 * 8                   |
| 71-4580  | Roller - Clutch              | 58 29 1                  | 74-6890  | Insert - Valve (2.825mm) | 40 * 8                   |
| 71-4590  | Washer - Thrust              | 58 27 2                  | 74-6900  | Insert - Valve (2.850mm) | 40 * 8                   |
| 72-0130  | Kit - Horn                   | 10 26 1                  | 74-6910  | Insert - Valve (2.875mm) | 40 * 8                   |
| 72-4320  | Switch - Ball                | 13 17 1                  | 74-6920  | Insert - Valve (2.900mm) | 40 * 8                   |
| 72-4320  | Switch - Ball                | 3 22 1                   | 74-6930  | Insert - Valve (2.925mm) | 40 * 8                   |
| 74-0720  | Tube - Manual                | 13 1 1                   | 74-6940  | Insert - Valve (2.950mm) | 40 * 8                   |
| 74-3410  | Radiator                     | 55 6 1                   | 74-6950  | Insert - Valve (2.975mm) | 40 * 8                   |
| 74-3630  | Actuator - Brake             | 7 5 2                    | 74-6960  | Insert - Valve (3.000mm) | 40 * 8                   |
| 74-3640  | Disc - Brake                 | 7 4 4                    | 74-6970  | Insert - Valve (3.025mm) | 40 * 8                   |
| 74-3650  | Fan                          | 34 28 1                  | 74-6980  | Insert - Valve (3.050mm) | 41 13 8                  |
| 74-3670  | Assy. - Column, Steering     | 10 11 1                  | 74-6990  | Insert - Valve (3.075mm) | 41 * 8                   |
| 74-4080  | Orifice - Breather           | 25 46 1                  | 74-7000  | Insert - Valve (3.100mm) | 41 * 8                   |
| 74-4090  | Tread - Foot Rest            | 1 29 1                   | 74-7010  | Insert - Valve (3.125mm) | 41 * 8                   |
| 74-4980  | Shroud - Fan Upper           | 55 3 1                   | 74-7020  | Insert - Valve (3.150mm) | 41 * 8                   |
| 74-4990  | Shroud - Fan, Bottom         | 55 48 1                  | 74-7030  | Insert - Valve (3.175mm) | 41 * 8                   |
| 74-5460  | Angle Radiator Support       | 55 42 1                  | 74-7040  | Insert - Valve (3.200mm) | 41 * 8                   |
| 74-5470  | Mount - Engine               | 34 10 1                  | 74-7050  | Insert - Valve (3.225mm) | 41 * 8                   |
| 74-5480  | Cable - Throttle             | 17 31 1                  | 74-7060  | Insert - Valve (3.250mm) | 41 * 8                   |
| 74-5500  | Bolt - Wheel                 | 58 41 10                 | 74-7070  | Insert - Valve (3.275mm) | 41 * 8                   |
| 74-5520  | Clutch - Fan                 | 34 29 1                  | 74-7080  | Insert - Valve (3.300mm) | 41 * 8                   |
| 74-5580  | Tank - Fuel                  | 21 32 1                  | 74-7090  | Insert - Valve (3.325mm) | 41 * 8                   |
| 74-5700  | Bearing - Needle             | 58 17 1                  | 74-7100  | Insert - Valve (3.350mm) | 41 * 8                   |
| 74-5760  | PCV Valve                    | 37 46 1                  | 74-7110  | Insert - Valve (3.375mm) | 41 * 8                   |
| 74-5770  | Lever - Shift                | 10 15 1                  | 74-7120  | Insert - Valve (3.400mm) | 41 * 8                   |
| 74-5790  | Shaft - Pivot                | 10 17 1                  | 74-7130  | Insert - Valve (3.425mm) | 41 * 8                   |
| 74-5860  | Sending Unit - Fuel          | 21 29 1                  | 74-7140  | Insert - Valve (3.450mm) | 41 * 8                   |
| 74-5910  | Fitting - Bulkhead, Special  | 19 27 1                  | 74-7150  | Insert - Valve (3.475mm) | 41 * 8                   |
| 74-6020  | Hose - Radiator, Lower       | 36 3 1                   | 74-7160  | Insert - Valve (3.500mm) | 41 * 8                   |
| 74-6020  | Hose - Radiator, Lower       | 55 47 1                  | 74-7170  | Insert - Valve (3.550mm) | 41 * 8                   |
| 74-6050  | Lever - Valve, Center        | 19 * 1                   | 74-7180  | Insert - Valve (3.625mm) | 41 * 8                   |
| 74-6060  | Lever - Valve, R.H.          | 19 12 1                  | 74-7190  | Insert - Valve (3.700mm) | 41 * 8                   |
| 74-6110  | Stop - Pedal                 | 9 38 1                   | 74-7200  | Insert - Valve (3.775mm) | 41 * 8                   |
| 74-6230  | Assy. - Tube, Traction       | 24 41 1                  | 74-7210  | Insert - Valve (3.850mm) | 41 * 8                   |
| 74-6400  | Assembly - Tube              | 55 31 1                  | 74-7220  | Insert - Valve (3.925mm) | 41 * 8                   |
| 74-6400  | Assembly - Tube, Filter Line | 24 12 1                  | 74-7230  | Insert - Valve (4.000mm) | 41 * 8                   |
| 74-6450  | Bracket - Bulkhead           | 59 49 1                  | 74-7240  | Collar - Split           | 40 12 16                 |
| 74-6490  | Hose - Water Line            | 36 15 2                  | 74-7260  | Bolt - Head              | 41 29 10                 |
| 74-6540  | Tappet - Valve               | 41 14 8                  | 74-7270  | Washer - Flat            | 41 28 10                 |
| 74-6550  | Cup - Upper Valve Spring     | 40 11 8                  | 74-7300  | Pan - Oil                | 37 23 1                  |
| 74-6560  | Spring - Valve               | 40 10 8                  | 74-7310  | Plug - Threaded          | 37 20 1                  |
| 74-6570  | Cup - Lower Valve Spring     | 40 9 8                   | 74-7320  | Gasket                   | 37 19 1                  |
| 74-6580  | Insert - Valve (1.650mm)     | 40 13 8                  | 74-7330  | Screw - Cap Hex. Hd.     | 37 25 23                 |
| 74-6590  | Insert - Valve (1.725mm)     | 40 * 8                   | 74-7380  | Gasket - Oil Pan         | 37 21 1                  |
| 74-6600  | Insert - Valve (1.800mm)     | 40 * 8                   | 74-7400  | Tube                     | 42 41 1                  |
| 74-6610  | Insert - Valve (1.900mm)     | 40 * 8                   | 74-7420  | Ball                     | 42 45 4                  |
| 74-6620  | Insert - Valve (1.975mm)     | 40 * 8                   | 74-7430  | Chamber - Turbulence     | 42 46 4                  |
| 74-6630  | Insert - Valve (2.050mm)     | 40 * 8                   | 74-7440  | Chamber - Turbulence     | 42 * 4                   |
| 74-6640  | Insert - Valve (2.125mm)     | 40 * 8                   | 74-7450  | Seat - Intake Valve      | 42 48 4                  |
| 74-6650  | Insert - Valve (2.225mm)     | 40 * 8                   | 74-7460  | Seat - Intake Valve      | 42 * 4                   |

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| 74-7480  | Valve - Intake               | 42 49 4                  | 74-9080  | Cable - Battery Pos.       | 34 1 1                   |
| 74-7560  | Washer - Spring              | 41 16 3                  | 74-9090  | Cable - Battery Neg.       | 34 * 1                   |
| 74-7600  | Plug                         | 40 4 4                   | 74-9100  | Pad - Forward Pedal        | 9 7 1                    |
| 74-7630  | Gasket - Valve Cover         | 41 18 1                  | 74-9110  | Pad - Reverse Pedal        | 9 9 1                    |
| 74-7640  | Cover - Valve                | 41 19 1                  | 74-9122  | Hose - Vent                | 21 17 1                  |
| 74-7650  | Washer - Flat                | 41 20 3                  | 74-9480  | Seal - Lip                 | 6 6 1                    |
| 74-7670  | Head Bolt & Washer Set       | 42 * 1                   | 74-9500  | Screw - Cap Hex. Hd.       | 6 16 4                   |
| 74-7770  | Hose - Crankcase             | 37 11 1                  | 74-9510  | Washer - Flat              | 6 15 1                   |
| 74-7780  | Gasket                       | 37 12 1                  | 75-0140  | Spring - Conical           | 32 5 2                   |
| 74-7790  | Screw                        | 37 13 1                  | 75-0240  | O-Ring                     | 32 4 2                   |
| 74-7800  | Pin                          | 37 14 2                  | 75-0400  | Plate - Thrust             | 32 37 1                  |
| 74-7810  | Gasket - Plate               | 37 15 1                  | 75-0470  | Kit - Cylinder Block       | 32 38 1                  |
| 74-7820  | Plate                        | 37 16 1                  | 75-0480  | Pin                        | 32 15 2                  |
| 74-7840  | Plug                         | 42 42 2                  | 75-0500  | Bearing - Needle           | 32 13 1                  |
| 74-7840  | Plug - 27 mm Dia.            | 37 18 8                  | 75-0510  | Pin                        | 32 40 1                  |
| 74-7840  | Plug - 27 mm Dia.            | 41 33 2                  | 75-0550  | Strainer - Tank            | 24 23 1                  |
| 74-7850  | Gasket                       | 37 24 2                  | 75-2080  | Seal Kit (for Ref. #41-42) | 19 * 1                   |
| 74-7860  | Gasket Set                   | 37 * 1                   | 75-5470  | Washer                     | 30 53 5                  |
| 74-7930  | Screw - Bearing Cap          | 37 27 10                 | 75-6820  | Hour Meter                 | 21 42 1                  |
| 74-7940  | Bushing - Spring             | 37 28 1                  | 76-1910  | Shaft - Pivot              | 14 3 2                   |
| 74-7950  | Screw - Plate                | 37 29 6                  | 76-1920  | Bearing - Sleeve           | 14 14 4                  |
| 74-7960  | Stud - Filter                | 37 30 1                  | 76-1930  | Knob - Adjustment          | 14 27 1                  |
| 74-7970  | Filter - Oil                 | 37 31 1                  | 76-1940  | Spring - Extension         | 14 1 2                   |
| 74-7990  | Pin                          | 38 16 1                  | 76-2940  | Bumper                     | 14 9 2                   |
| 74-7990  | Pin - Spring                 | 37 33 4                  | 76-4120  | Mount - Engine             | 34 21 1                  |
| 74-8000  | Plug                         | 37 34 2                  | 76-4180  | Boot - Brake Rod           | 8 15 2                   |
| 74-8010  | Guide - Dipstick             | 37 35 1                  | 76-4220  | Mount - Engine             | 34 30 1                  |
| 74-8030  | Pin - Spring                 | 37 37 1                  | 76-4240  | Plate - Adapter            | 7 2 2                    |
| 74-8040  | Plug - Drain                 | 37 38 1                  | 76-4260  | Bushing                    | 67 3 1                   |
| 74-8080  | Washer                       | 38 2 1                   | 76-4300  | Lever - Throttle           | 17 26 1                  |
| 74-8100  | Gear - Pinion                | 38 4 1                   | 76-4310  | Support - Base, Battery    | 34 38 1                  |
| 74-8110  | Sprocket - Oil Pump          | 38 5 1                   | 76-4910  | Stud                       | 49 26 3                  |
| 74-8120  | Key - Woodruff               | 38 6 2                   | 76-4930  | Washer                     | 49 5 3                   |
| 74-8140  | Cover                        | 38 9 1                   | 76-4940  | Gear - Pump, Injection     | 49 2 1                   |
| 74-8150  | Gasket - Cover               | 38 10 1                  | 76-4950  | Nut                        | 49 1 1                   |
| 74-8170  | Bearing Set (Std.) Set of 10 | 38 12 1                  | 76-4990  | Bracket                    | 51 15 1                  |
| 74-8180  | Bearing Set (.30mm OS)       | 38 * 1                   | 76-5000  | Screw                      | 51 9 1                   |
| 74-8200  | Thrust Bearing Set           | 38 * 2                   | 76-5010  | Washer                     | 43 23 3                  |
| 74-8210  | Thrust Bearing Set           | 38 * 2                   | 76-5010  | Washer - Spring            | 51 2 1                   |
| 74-8220  | Thrust Bearing Set           | 38 * 2                   | 76-5010  | Washer - Spring            | 46 7 5                   |
| 74-8230  | Crankshaft                   | 38 14 1                  | 76-5060  | Screw                      | 51 1 1                   |
| 74-8240  | Seal                         | 38 15 1                  | 76-5070  | Oil Pump Assembly          | 46 1 1                   |
| 74-8260  | Flywheel                     | 39 34 1                  | 76-5090  | Spring - Piston            | 46 3 1                   |
| 74-8270  | Pin                          | 38 18 3                  | 76-5100  | Bolt - Shoulder            | 46 5 1                   |
| 74-8280  | Screw - Cap Hex. Hd.         | 38 19 8                  | 76-5130  | Stud                       | 40 6 6                   |
| 74-8290  | Seal - #1 Bearing Cap        | 38 20 2                  | 76-5170  | Chain - Pump Drive         | 46 13 1                  |
| 74-8300  | Clip - Piston Pin            | 38 21 8                  | 76-5180  | Washer - Copper            | 22 1 4                   |
| 74-8310  | Pin - Piston                 | 38 22 4                  | 76-5190  | Fitting - Adjustable       | 22 2 2                   |
| 74-8320  | Piston Ring Set - 0.20 mm    | 38 * 4                   | 76-5220  | Element - Filter           | 22 5 1                   |
| 74-8330  | Piston Ring Set - 0.50 mm    | 38 * 4                   | 76-5260  | Relay - Glow Plug          | 53 1 1                   |
| 74-8340  | Piston Ring Set - 0.80 mm    | 38 * 4                   | 76-5260  | Relay - Glow Plug          | 17 15 1                  |
| 74-8360  | Rod - Connecting, Set of 4   | 38 25 1                  | 76-5290  | Washer - Spring            | 53 4 4                   |
| 74-8380  | Bearing - Connecting Rod     | 38 27 1                  | 76-5300  | Fuel Filter Assembly       | 21 23 1                  |
| 74-8390  | Bearing - Connecting Rod     | 38 * 1                   | 76-5310  | Washer - E.T.L.W.          | 53 7 1                   |
| 74-8400  | Bolt - Connecting Rod        | 38 28 8                  | 76-5320  | Water Sensor Assembly      | 22 9 1                   |
| 74-8420  | Piston Set - Stage #1        | 39 29 1                  | 76-5470  | Screw                      | 41 17 2                  |
| 74-8430  | Piston Set - Stage #2        | 39 * 1                   | 76-5500  | Screw                      | 48 6 5                   |
| 74-8440  | Piston Set - Stage #3        | 39 * 1                   | 76-5520  | Holder - Injector          | 50 5 4                   |
| 74-8610  | Pin                          | 49 7 2                   | 76-5530  | Gasket - Injector          | 50 3 4                   |
| 74-8610  | Pin                          | 51 8 2                   | 76-5540  | Plug                       | 50 2 4                   |
| 74-8630  | Bushing - Flange             | 49 8 1                   | 76-5570  | Washer - Lock              | 52 2 2                   |
| 74-8650  | Journal                      | 49 12 1                  | 76-5590  | Sleeve - Spring            | 52 4 1                   |
| 74-8680  | Gasket                       | 49 14 2                  | 76-5600  | Injector                   | 50 9 4                   |
| 74-8690  | Union - Inlet                | 49 13 1                  | 76-5610  | Pinion - Output            | 5 1 1                    |
| 74-8710  | Washer                       | 49 16 1                  | 76-5630  | Gear - Spur                | 5 3 1                    |
| 74-8710  | Washer - E.T.L.W.            | 53 9 1                   | 76-5640  | Gasket                     | 5 4 1                    |
| 74-8750  | Pipe                         | 50 12 1                  | 76-5650  | Washer - Thrust            | 5 8A 3                   |
| 74-8770  | Plug                         | 50 10 1                  | 76-5660  | Pin - Dowel                | 5 6 2                    |
| 74-8830  | Belt                         | 43 18 1                  | 76-5670  | Seal - Oil                 | 5 7 2                    |
| 74-8870  | Gasket                       | 49 21 2                  | 76-5680  | Shim - Orange .126/.123    | 5 52 A/R                 |
| 74-8900  | Washer - Flat                | 40 7 6                   | 76-5680  | Washer - Thrust            | 5 8 1                    |
| 74-8910  | Bracket - Horn               | 13 33 1                  | 76-5690  | Washer - Thrust            | 5 9 2                    |

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| Part No. | Description               | Pg. Ref.<br>No. No. Qty. | Part No. | Description           | Pg. Ref.<br>No. No. Qty. |
|----------|---------------------------|--------------------------|----------|-----------------------|--------------------------|
| 76-5700  | Bearing—Thrust            | 5 10 1                   | 76-7310  | Shim — 0.3 mm         | 65 * A/R                 |
| 76-5710  | Plug—Magnetic — Drain     | 5 11 1                   | 76-7320  | Sleeve                | 63 4 1                   |
| 76-5720  | Screw — Hex Hd.           | 5 12 13                  | 76-7330  | Bearing               | 63 1 1                   |
| 76-5740  | Shim — Lt. Grn. .123/.120 | 5 * A/R                  | 76-7340  | Seal — Oil            | 63 6 1                   |
| 76-5760  | Cover Assembly            | 5 16 1                   | 76-7350  | Bushing               | 63 7 1                   |
| 76-5780  | Gear — Spur               | 5 18 1                   | 76-7360  | O—Ring                | 63 10 1                  |
| 76-5820  | Screw — Hex Flanged Hd.   | 5 22 1                   | 76-7370  | Bearing               | 63 11 1                  |
| 76-5830  | Ball — Steel              | 5 23 1                   | 76-7380  | Washer                | 63 8 1                   |
| 76-5840  | Spring — Shifter Fork     | 5 24 1                   | 76-7390  | Nut — Lock            | 63 9 1                   |
| 76-5850  | Seal — Oil                | 5 25 1                   | 76-7400  | O—Ring                | 63 2 2                   |
| 76-5860  | Bearing — Needle          | 5 26 2                   | 76-7410  | Shim — 0.1 mm         | 63 3 A/R                 |
| 76-5870  | Bearing — Needle          | 5 27 3                   | 76-7420  | Shim — 0.2 mm         | 63 * A/R                 |
| 76-5890  | Ring — Retaining          | 5 30 2                   | 76-7430  | Shim — 0.4 mm         | 63 * A/R                 |
| 76-5900  | Fork — Shift              | 5 35 1                   | 76-7470  | Pipe                  | 64 8 1                   |
| 76-5930  | Block — Drive             | 5 38 2                   | 76-7480  | Plug — Vent           | 64 7 1                   |
| 76-5940  | Pin — Drive               | 5 39 1                   | 76-7490  | Shaft — Differential  | 65 14 2                  |
| 76-5950  | Pinion — Bevel            | 5 40 2                   | 76-7500  | Bearing               | 65 15 4                  |
| 76-5960  | Carrier                   | 5 41 1                   | 76-7510  | Pinion — 14T          | 66 10 2                  |
| 76-5980  | Screw — Hex Flanged Hd.   | 5 43 6                   | 76-7510  | Pinion — 14T          | 65 17 2                  |
| 76-5990  | Carrier — Differential    | 5 45 1                   | 76-7520  | Shim — 0.1 mm         | 65 16 A/R                |
| 76-6000  | Gear — Bevel              | 5 47 2                   | 76-7530  | Shim — 0.2 mm         | 65 * A/R                 |
| 76-6010  | Spacer                    | 5 49 2                   | 76-7540  | Shim — 0.4 mm         | 65 * A/R                 |
| 76-6010  | Spacer — Transaxle        | 7 1 2                    | 76-7550  | Ring — Retaining      | 65 18 2                  |
| 76-6020  | Washer — Thrust           | 5 50 2                   | 76-7560  | Case — Gear           | 66 1 2                   |
| 76-6030  | Seal — Oil                | 5 51 1                   | 76-7580  | Seal — O—Ring         | 65 19 4                  |
| 76-6040  | Plug — Pipe               | 5 14 2                   | 76-7590  | Spacer                | 65 20 2                  |
| 76-6040  | Plug — Pipe               | 3 41 1                   | 76-7600  | Bolt — Reamer         | 65 21 2                  |
| 76-6270  | Foam — Panel              | 19 3 1                   | 76-7610  | Bolt                  | 65 23 6                  |
| 76-6300  | Gerotor                   | 12 16 1                  | 76-7620  | Washer — Lock         | 65 22 8                  |
| 76-6320  | Spacer                    | 12 17 1                  | 76-7630  | Holder — 25 mm R.H.   | 66 * 1                   |
| 76-6360  | Strip — Seal              | 1 11 2                   | 76-7640  | Bolt                  | 66 5 8                   |
| 76-6361  | Strip — Seal              | 2 49 1                   | 76-7640  | Bolt                  | 66 28 20                 |
| 76-6380  | Strip — Seal Access Panel | 2 41 1                   | 76-7650  | Shaft — Final Drive   | 66 2 2                   |
| 76-6381  | Seal — Strip              | 55 36 2                  | 76-7660  | Holder — 20 mm L.H.   | 66 4 1                   |
| 76-6382  | Seal — Strip              | 55 37 2                  | 76-7670  | Bearing               | 66 3 4                   |
| 76-6580  | Motor — Hydraulic         | 58 23 1                  | 76-7680  | Case — Final Drive    | 66 8 2                   |
| 76-6600  | Pipe — Stand              | 21 4 1                   | 76-7700  | Shim — 0.8 mm         | 67 25 A/R                |
| 76-6610  | Clevis — Brake            | 8 17 2                   | 76-7710  | Bolt                  | 67 8 4                   |
| 76-6910  | Rotating Assembly         | 62 14 1                  | 76-7720  | Nut                   | 67 9 4                   |
| 76-6920  | Back Plate Assembly       | 62 2 1                   | 76-7730  | Bushing               | 66 7 2                   |
| 76-6930  | Shaft — Drive             | 62 12 1                  | 76-7740  | Seal — Oil            | 66 6 2                   |
| 76-6940  | Housing Assembly          | 62 6 1                   | 76-7750  | Pinion — 15T          | 66 11 2                  |
| 76-6950  | Race — Thrust             | 62 9 1                   | 76-7760  | Shim — 1.0 mm         | 67 * A/R                 |
| 76-6960  | Bearing — Thrust          | 62 10 1                  | 76-7770  | Cover                 | 66 9 2                   |
| 76-6970  | Insert — Camplate         | 62 5 1                   | 76-7780  | Shim — 1.2 mm         | 67 * A/R                 |
| 76-6980  | O—Ring                    | 62 3 1                   | 76-7790  | Shim — 1.4 mm         | 67 * A/R                 |
| 76-6990  | Screw — Cap, Hex. Hd.     | 62 1 6                   | 76-7810  | Holder — Bearing      | 66 19 2                  |
| 76-7000  | Ring — Retaining          | 62 8 2                   | 76-7820  | Shim — 1.0 mm         | 67 5 A/R                 |
| 76-7010  | Ring — Retaining          | 62 13 1                  | 76-7830  | Shaft — Wheel         | 66 21 2                  |
| 76-7020  | Spacer                    | 62 11 1                  | 76-7840  | Gear — Bevel          | 66 13 2                  |
| 76-7040  | Pad — Foot                | 19 38 1                  | 76-7870  | Seal — Oil            | 66 20 2                  |
| 76-7090  | Cover — Front, Control    | 19 2 1                   | 76-7880  | Spacer                | 66 15 2                  |
| 76-7110  | Plug                      | 64 5 1                   | 76-7890  | Shim — 0.15 mm        | 66 14 A/R                |
| 76-7110  | Plug                      | 66 26 4                  | 76-7900  | Shim — 0.2 mm         | 66 * A/R                 |
| 76-7120  | Seal — Washer             | 64 6 1                   | 76-7910  | Shim — 0.4 mm         | 66 * A/R                 |
| 76-7120  | Seal — Washer             | 66 27 4                  | 76-7920  | Ring — Retaining      | 66 16 2                  |
| 76-7140  | Plug                      | 64 9 1                   | 76-7930  | Ring — Retaining      | 66 17 2                  |
| 76-7160  | Gear Case Assembly        | 65 * 1                   | 76-7950  | Bushing               | 67 4 1                   |
| 76-7170  | Case — Differential       | 65 3 1                   | 76-7960  | Fitting — Grease      | 67 21 2                  |
| 76-7180  | Pinion — Mate             | 65 10 2                  | 76-7960  | Fitting — Grease      | 66 30 2                  |
| 76-7190  | Gear — Side               | 65 9 2                   | 76-7970  | Shim — 1.4 mm         | 67 * A/R                 |
| 76-7200  | Shaft — Pinion            | 65 4 1                   | 76-7980  | Shim — 1.2 mm         | 67 * A/R                 |
| 76-7210  | Washer — Thrust           | 65 11 2                  | 76-7990  | Shim — .08 mm         | 67 * A/R                 |
| 76-7220  | Washer — Thrust           | 65 8 2                   | 76-8000  | Bolt                  | 67 6 4                   |
| 76-7230  | Washer — Lock             | 65 5 4                   | 76-8010  | Washer                | 67 7 4                   |
| 76-7240  | Ring — Gear               | 65 2 1                   | 76-8020  | Rod — Tie             | 67 22 1                  |
| 76-7250  | Shaft — Drive             | 65 1 1                   | 76-8030  | L.H. Rod End Assembly | 67 10 1                  |
| 76-7260  | Bolt                      | 65 6 8                   | 76-8040  | Nut — L.H.            | 67 24 1                  |
| 76-7270  | Pin — Spring              | 65 7 1                   | 76-8050  | R.H. Rod End Assembly | 67 16 1                  |
| 76-7280  | Bearing                   | 65 12 2                  | 76-8060  | Nut — R.H.            | 67 23 1                  |
| 76-7290  | Shim — 0.1 mm             | 65 13 A/R                | 76-8070  | Adapter               | 63 12 1                  |
| 76-7300  | Shim — 0.2 mm             | 65 * A/R                 | 76-8140  | Bracket — Steering    | 10 7 1                   |

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| 76-8150  | Support - Shaft, Steering | 11 58 1                  | 82-4970  | Ring - Retaining           | 6 17 1                   |
| 76-8160  | Support - Steering        | 10 8 1                   | 82-4990  | Housing - Fixed            | 6 9 1                    |
| 76-8270  | Pin - Brake               | 8 14 2                   | 82-5180  | Control - Pump             | 29 20 1                  |
| 76-8300  | Cover - Housing, Axle     | 7 8 2                    | 82-5190  | Shaft - Traction Pedal     | 9 8 1                    |
| 76-8340  | Shaft - Pivot, Steering   | 11 57 1                  | 82-5280  | Shaft - Pivot              | 29 28 1                  |
| 76-8350  | Stop - Axle               | 58 8 2                   | 82-5300  | Support - Heel             | 19 39 1                  |
| 76-8440  | Boot - Throttle           | 17 16 1                  | 82-5370  | Foam - R.O.P.S. Bar        | 71 7 2                   |
| 76-8450  | Boot - Lift Lever         | 17 3 1                   | 82-5380  | Shim - Pinion .045         | 3 39 1                   |
| 76-8640  | Stud - Traction           | 29 50 1                  | 82-5390  | Shim - Pinion .038         | 3 * 1                    |
| 76-8750  | Plate - Caution           | 55 4 1                   | 82-5400  | Shim - Pinion .052         | 3 * 1                    |
| 76-8870  | Assy. - Damper, Lever     | 29 3 1                   | 83-1470  | Washer - Neoprene          | 2 51 2                   |
| 76-9030  | Bearing Housing Assembly  | 9 30 1                   | 83-2280  | Timer - Delay              | 17 6 1                   |
| 76-9050  | Rod - Brake, Parking      | 10 42 1                  | 84-0080  | Spiral Gear Set (Matched)  | 5 * 1                    |
| 76-9060  | Gauge - Temperature       | 18 9 1                   | 84-0090  | Shim - Lt. Blue .120/.117  | 5 * A/R                  |
| 76-9100  | Spacer                    | 3 2 2                    | 84-0130  | Shim - Pink .129/.126      | 5 * A/R                  |
| 76-9100  | Spacer                    | 10 22 1                  | 84-0140  | Shim - Black .132/.129     | 5 * A/R                  |
| 76-9290  | Bracket - Bulkhead        | 58 3 1                   | 84-0170  | Pulley - P.T.O.            | 29 44 1                  |
| 76-9300  | Fender L.H.               | 2 37 1                   | 84-0180  | Pulley - Lower             | 26 17 1                  |
| 76-9340  | Fender R.H.               | 2 * 1                    | 84-0210  | Gasket - End Cap           | 32 14 1                  |
| 76-9370  | Bar - R.O.P.S.            | 71 4 1                   | 84-0240  | Housing - Pump             | 32 33 1                  |
| 76-9430  | Spring - Extension        | 29 12 1                  | 84-0250  | Swash Plate - Variable     | 32 36 1                  |
| 76-9440  | Rod - Seat Prop           | 13 9 1                   | 84-0260  | Bearing - Roller           | 32 21 4                  |
| 76-9450  | Boot - Column, Steering   | 10 29 1                  | 84-0270  | Spacer - Trunnion          | 32 19 4                  |
| 76-9460  | Plate - Seat              | 13 3 1                   | 84-0280  | Plate - Valve R.H.         | 32 39 1                  |
| 76-9480  | Sleeve - Pivot, Seal      | 13 35 2                  | 84-0300  | Shaft - Pump               | 32 26 1                  |
| 76-9590  | Hose - Hydraulic          | 58 10 2                  | 84-0310  | Bearing - Ball             | 32 27 1                  |
| 76-9680  | Bearing Housing Assembly  | 9 18 1                   | 84-0320  | Ring - Retaining           | 32 28 1                  |
| 76-9690  | Rod - Brake               | 8 3 2                    | 84-0330  | Screw - Cap Hex. Hd.       | 32 25 8                  |
| 76-9690  | Rod - Brake Linkage       | 9 4 2                    | 84-0360  | Washer                     | 32 24 8                  |
| 76-9700  | Cover - Tower             | 1 2 1                    | 84-0380  | Ring - Retaining Internal  | 32 32 2                  |
| 76-9760  | Pivot - Damper            | 30 63 1                  | 84-0400  | Seal - Lip                 | 32 29 1                  |
| 76-9790  | Foam - Fuel Tank          | 21 2 1                   | 84-0410  | Carrier - Seal             | 32 30 1                  |
| 76-9930  | Foam - Seat Plate Rear    | 13 7 1                   | 84-0430  | O-Ring                     | 32 18 4                  |
| 76-9950  | Bracket - Ring            | 24 43 4                  | 84-0440  | Cover - Trunnion           | 32 17 2                  |
| 76-9970  | Valve - 4 WD              | 33 22 1                  | 84-0450  | Cover - Trunnion           | 32 35 1                  |
| 77-2870  | Hanger - Spring           | 14 24 1                  | 84-0460  | Screw                      | 32 16 8                  |
| 77-3300  | Stud                      | 45 1 6                   | 84-0470  | Seal - Lip                 | 32 34 2                  |
| 77-3310  | Gasket                    | 45 2 2                   | 84-0480  | Poppet - Charge Relief     | 32 8 1                   |
| 77-3320  | Nut - Hex                 | 45 5 6                   | 84-0490  | Spring - Compression       | 32 9 1                   |
| 77-3340  | Manifold - Exhaust        | 45 3 1                   | 84-0500  | Assy. - Charge Relief Plug | 32 12 1                  |
| 77-3400  | Camshaft                  | 43 5 1                   | 84-0550  | Ring - Retaining           | 32 6 2                   |
| 77-3420  | Gasket                    | 43 3 1                   | 84-0570  | Shim - Trunnion Kit        | 32 20 4                  |
| 77-3450  | Washer                    | 43 2 2                   | 84-0680  | Link - Shift               | 10 30 1                  |
| 77-3470  | Screw                     | 46 10 1                  | 84-0690  | Rod - Shift                | 3 5 1                    |
| 77-3490  | Screw                     | 46 11 1                  | 84-0700  | Rod - Shift                | 3 11 1                   |
| 77-3510  | Spring                    | 43 14 1                  | 84-0720  | Valve - Velocity           | 33 29 1                  |
| 77-3520  | Cup                       | 43 13 1                  | 84-0730  | Arm - Lift, L.H.           | 68 20 1                  |
| 77-3600  | Shield - Adapter          | 34 35 1                  | 84-0750  | Housing - Bearing          | 29 32 1                  |
| 77-3620  | Retainer - Cover          | 55 16 4                  | 84-0760  | Adapter - Pump to Engine   | 34 24 1                  |
| 77-3640  | Bearing                   | 6 12 1                   | 84-0940  | Assy. - Brake Linkage Arm  | 8 1 1                    |
| 77-3700  | Gasket - Muffler, Exhaust | 36 18 1                  | 84-0970  | Assy. - Brake Linkage Arm  | 8 11 1                   |
| 77-3780  | Pin - Lynch               | 13 4 1                   | 84-0990  | Pin - Pivot                | 8 20 2                   |
| 77-3790  | Plug - Drain              | 37 26 1                  | 84-1030  | Driveshaft                 | 29 43 1                  |
| 77-3970  | Spacer - Relay            | 17 13 1                  | 84-1080  | Frame Assembly             | 1 6 1                    |
| 77-4000  | Shim Set                  | 65 * 1                   | 84-1320  | Shaft - P.T.O.             | 26 5 1                   |
| 77-4010  | Shim Set                  | 63 * 1                   | 84-1330  | Hub - Splined              | 29 41 1                  |
| 77-4020  | Shim Set                  | 65 * 1                   | 84-1350  | Pin - Pivot                | 68 8 2                   |
| 77-4030  | Shim Set                  | 66 * 1                   | 84-1380  | Anchor - Spring            | 29 10 1                  |
| 77-4040  | Shim Set                  | 67 * 1                   | 84-1410  | Adapter - Clutch           | 26 13 1                  |
| 77-4050  | Shim Set                  | 67 * 1                   | 84-1440  | Plate - Adapter            | 34 33 1                  |
| 77-4260  | Link - Shift              | 3 6 1                    | 84-1460  | Decal - GM 455D            | 1 20 2                   |
| 80-7730  | Spacer                    | 13 25 2                  | 84-1480  | Hose - Dampener            | 29 13 1                  |
| 80-7730  | Spacer                    | 1 27 1                   | 84-1540  | Key                        | 26 18 1                  |
| 80-7730  | Spacer                    | 30 65 3                  | 84-1550  | Mount - Rubber             | 26 22 5                  |
| 80-8660  | Spacer                    | 59 59 1                  | 84-1560  | Washer - Thrust            | 26 26 4                  |
| 82-3660  | Bracket - Cover           | 21 39 1                  | 84-1570  | Spacer                     | 57 1 2                   |
| 82-3700  | Reservoir - Hydraulic     | 24 4 1                   | 84-1570  | Spacer                     | 26 21 1                  |
| 82-3740  | Oil Cooler Assembly       | 55 14 1                  | 84-1580  | Washer - Clutch            | 26 38 1                  |
| 82-3750  | Cover - Console           | 18 21 1                  | 84-1590  | U-Bolt                     | 7 24 2                   |
| 82-4900  | Foam - Seat Front         | 13 8 1                   | 84-1600  | Bracket - Support, Trans.  | 3 13 1                   |
| 82-4950  | Plunger - Spring          | 10 14 1                  | 84-1610  | Support - Rod, Shift       | 3 10 1                   |
| 82-4960  | Pad - Brake               | 9 15 2                   | 84-1620  | Plate - Support, Axle      | 7 10 2                   |

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| 84-6402  | Orifice                    | 19 26 1                  | 86-8100  | Ball Joint                 | 70 6 2                   |
| 84-6420  | Plunger                    | 20 37 2                  | 87-5100  | Washer - Flat              | 34 14 4                  |
| 84-6430  | Plunger                    | 20 31 1                  | 87-6270  | Socket - Light             | 18 *25 4                 |
| 85-4980  | Switch - Toggle            | 18 17 1                  | 87-9400  | Valve - Vacuator           | 54 5 1                   |
| 86-1150  | Yoke - End                 | 27 1 2                   | 88-1140  | Spacer - Bearing, Lower    | 26 15 1                  |
| 86-1160  | Kit - Universal            | 27 2 2                   | 88-1150  | Spacer - Clutch            | 26 33 1                  |
| 86-1170  | Shaft - Slip Yoke          | 27 3 1                   | 88-1160  | Rod - Traction Linkage     | 9 11 1                   |
| 86-1180  | Tube - Slip Yoke           | 27 4 1                   | 88-1170  | Belt - Matched Set         | 26 19 1                  |
| 86-1730  | Drive Shaft                | 26 46 1                  | 88-1190  | Pin - Pivot                | 68 16 2                  |
| 86-1990  | Washer                     | 26 42 4                  | 88-1200  | Pin - Pivot R.H.           | 68 * 1                   |
| 86-2280  | Carrier Tube Assembly - RH | 70 1 1                   | 88-1220  | Plate                      | 57 2 2                   |
| 86-2320  | Carrier Tube Assembly - LH | 70 4 1                   | 88-1260  | Transaxle - 2 Speed        | 3 17 1                   |
| 86-2501  | Orifice                    | 19 22 2                  | 88-1280  | Cover - Belt, Lower        | 26 35 1                  |
| 86-2710  | Assembly - Hose, Rear      | 33 26 1                  | 88-1290  | Bracket - Rod, Seat        | 33 16 1                  |
| 86-2730  | Hose - Hydraulic           | 58 14 1                  | 88-1300  | Cover - Seat Front         | 2 40 1                   |
| 86-2770  | Assembly - Tube            | 59 62 1                  | 88-1310  | Foam - Cover               | 2 39 1                   |
| 86-2770  | Assembly - Tube, Traction  | 33 24 1                  | 88-1360  | Washer                     | 55 34 2                  |
| 86-2790  | Pin - Pivot L.H.           | 68 17 1                  | 88-1360  | Washer - Rear Weight       | 57 3 6                   |
| 86-2800  | Hose - Suction             | 24 26 1                  | 88-1370  | Plate - Brake              | 28 3 1                   |
| 86-2800  | Hose - Suction             | 33 32 1                  | 88-1380  | Fitting - Adapter          | 19 20 3                  |
| 86-2830  | Plate - Adapter, Main      | 29 46 1                  | 88-1420  | Spring - Compression       | 13 27 1                  |
| 86-2860  | Cover - Belt, Upper        | 13 34 1                  | 88-1430  | Nut - Lock, Bearing        | 29 48 1                  |
| 86-2990  | Mount - Throttle Cable     | 35 35 2                  | 88-1440  | Washer - Lock              | 29 47 1                  |
| 86-3010  | Filter - Transmission      | 24 16 1                  | 88-1450  | Nut - Lock, Bearing        | 26 30 1                  |
| 86-3020  | Wire - Neutral, Switch     | 29 23 1                  | 88-1460  | Washer - Lock              | 26 32 1                  |
| 86-3040  | Coupling - Rubber          | 29 39 2                  | 88-1470  | Plate - Control, Pump      | 29 22 1                  |
| 86-3040  | Flange - Rubber            | 26 40 1                  | 88-1510  | Screw - Special            | 26 23 1                  |
| 86-3140  | Hose - Hydraulic           | 58 6 1                   | 88-1520  | Cartridge - Relief         | 19 41 1                  |
| 86-3150  | Assembly - Hose            | 24 38 1                  | 88-1530  | Cartridge - Relief         | 19 42 1                  |
| 86-3150  | Assembly - Hose            | 33 39 1                  | 88-1610  | Assembly - Field Rotor     | 28 8 1                   |
| 86-3160  | Assembly - Hose            | 68 7 1                   | 88-3590  | Nut - Lock                 | 69 14 1                  |
| 86-3170  | Hose Assembly              | 68 15 1                  | 88-3600  | Piston                     | 69 13 1                  |
| 86-3180  | Assembly - Hose            | 19 24 1                  | 88-3610  | Assembly - Barrel          | 69 15 1                  |
| 86-3190  | Assembly - Hose            | 19 23 2                  | 88-3620  | Assembly - Rod             | 69 1 1                   |
| 86-3200  | Hose Assembly              | 68 10 1                  | 88-3630  | Head                       | 69 5 1                   |
| 86-3210  | Assembly - Hose            | 11 51 1                  | 88-3640  | Kit - Seal                 | 69 * 1                   |
| 86-3220  | Assembly - Hose            | 10 2 2                   | 92-0636  | Shaft Assembly             | 6 3 1                    |
| 86-3230  | Assembly - Hose            | 19 32 1                  | 92-0639  | Case Assembly              | 5 15 1                   |
| 86-5390  | Kit - Seal                 | 61 * 1                   | 92-0640  | Bearing - Needle           | 5 28 1                   |
| 86-5420  | Spacer - Rod, Shift        | 3 8 1                    | 92-0641  | Shaft - Counter            | 5 20 1                   |
| 86-5430  | Plate - Skid               | 7 26 1                   | 92-0642  | Gear - Output              | 5 17 1                   |
| 86-5440  | Valve - Relief, Dual       | 19 36 1                  | 92-0643  | Gear - Ring                | 5 37 1                   |
| 86-5450  | Coupler - Hydraulic        | 68 24 3                  | 92-0644  | Gear - Cluster             | 5 19 1                   |
| 86-5470  | Harness - Front            | 16 1 1                   | 92-0645  | Shaft & Gear - Shifter     | 5 21 1                   |
| 86-5480  | Fitting - Diagnostic       | 33 45 2                  | 92-0646  | Bearing - Ball             | 5 42 2                   |
| 86-5500  | Assembly - Hose            | 24 20 1                  | 92-0647  | Rod - Shift (High-Low)     | 5 36 1                   |
| 86-5500  | Assembly - Hose            | 33 38 1                  | 92-1180  | Seat Assembly              | 15 1 1                   |
| 86-5570  | Assembly - Hose            | 10 1 1                   | 92-1180  | Seat Assembly              | 14 5 1                   |
| 86-5570  | Hose Assembly              | 33 42 1                  | 92-1351  | Plug - Pulley              | 30 66 1                  |
| 86-5580  | Cylinder - Hydraulic       | 68 1 2                   | 92-1352  | Plug                       | 32 42 3                  |
| 86-5590  | Assembly - Pump            | 29 7 1                   | 92-1353  | Shim                       | 32 10 1                  |
| 86-5620  | Bearing                    | 26 4 1                   | 92-1354  | Cap - End                  | 32 1 1                   |
| 86-5730  | Assy. - Tube, R.H. Front   | 10 43 1                  | 92-1355  | Plug - Special             | 32 2 2                   |
| 86-5740  | Assy. - Tube, L.H. Front   | 10 44 1                  | 92-1356  | Valve - Screw 415 BAR      | 32 7 2                   |
| 86-5750  | Assy. - Tube, Drain        | 3 23 1                   | 92-1357  | Pin                        | 32 43 1                  |
| 86-5750  | Tube Assembly              | 25 50 1                  | 92-1358  | Coupling                   | 32 41 1                  |
| 86-5760  | Assy. - Tube, Deck Return  | 19 33 1                  | 92-1364  | Guide - Switch, Pin        | 4 46 1                   |
| 86-5770  | Assy. Tube, Relief Valve   | 19 28 1                  | 92-1365  | Plunger - Switch           | 4 47 1                   |
| 86-5770  | Tube Assembly - Relief     | 25 52 1                  | 92-1366  | Spring - Compression       | 4 51 1                   |
| 86-5780  | Tube Assembly RH Rear      | 59 52 1                  | 92-1367  | Arm - Traction Linkage     | 9 13 1                   |
| 86-5790  | Tube Assembly LH Rear      | 59 51 1                  | 92-2556  | Motor - Fixed Displacement | 3 37 1                   |
| 86-5810  | Assembly - Tube            | 33 41 1                  | 92-2567  | Spring                     | 20 21 1                  |
| 86-5810  | Assembly - Tube            | 25 49 1                  | 92-2568  | Poppet                     | 20 22 1                  |
| 86-5830  | Spring - Compression       | 8 5 2                    | 92-2571  | Plug                       | 6 4 2                    |
| 86-5840  | Plate - Spring             | 8 4 2                    | 92-2572  | End Cap Assembly           | 6 14 1                   |
| 86-5860  | Nipple                     | 24 18 1                  | 92-2581  | Neutral Switch Arm Assy.   | 29 51 1                  |
| 86-5860  | Nipple                     | 3 35 2                   | 92-2586  | Arm - Brake Linkage        | 9 24 2                   |
| 86-5890  | Arm - Lift, R.H.           | 68 22 1                  | 92-2587  | Decal - R.O.P.S.           | 71 14 1                  |
| 86-5900  | Tire                       | 7 17 2                   | 92-5521  | Tether Strap               | 15 8 2                   |
| 86-5910  | Tire                       | 58 37 2                  | 92-5804  | Pedal - Brake L.H.         | 9 21 1                   |
| 86-5940  | Spacer - Bearing           | 29 33 1                  | 92-5805  | Brake Pedal Assembly R.H.  | 9 23 1                   |
| 86-7470  | Diode                      | 16 7 4                   | 92-5806  | Shaft - Brake              | 9 26 1                   |

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| 92-5817  | Pin - Clutch Stop           | 26      | 34       | 1    | 93-7236  | Air Cleaner Support Asm  | 1       | 28       | 1    |
| 92-5818  | Housing - Bearing, Lower    | 26      | 14       | 1    | 93-7236  | Bracket - Support        | 35      | 44       | 1    |
| 92-5821  | Assembly - Head, Filter     | 24      | 15       | 1    | 93-7240  | Plate - Axle Pivot Rear  | 58      | 12       | 1    |
| 92-5825  | Gear - Motor                | 58      | 28       | 1    | 93-7241  | Plate - Axle Pivot Front | 59      | 67       | 1    |
| 92-5826  | Gear - Axle                 | 58      | 31       | 1    | 93-7242  | Decal - Service          | 19      | 37       | 1    |
| 92-5828  | Assembly - Hose             | 33      | 25       | 1    | 93-7244  | Bracket - Support        | 55      | 27       | 1    |
| 92-5830  | Assembly - Hose             | 33      | 43       | 1    | 93-7245  | Bracket - Support        | 36      | 12       | 1    |
| 92-5830  | Assy. - Hose, Traction L.H. | 3       | 29       | 1    | 93-7247  | Washer - Thrust          | 58      | 15       | 2    |
| 92-5833  | Spacer - Ball Joint         | 58      | 45       | 2    | 93-7249  | Pin - Axle Pivot         | 59      | 54       | 1    |
| 92-5836  | Washer - Axle               | 59      | 66       | 1    | 93-7252  | Decal - CE               | 2       | 52       | 1    |
| 92-5838  | Ball Joint                  | 59      | 65       | 1    | 93-7275  | Decal - Starting Fluid   | 35      | 28       | 1    |
| 92-5839  | Ball Joint                  | 58      | 44       | 1    | 93-7276  | Decal - Danger           | 34      | 46       | 1    |
| 92-5840  | Bracket - Mount, Filter     | 24      | 10       | 1    | 93-7483  | Light - Warning Bank     | 18      | 8        | 1    |
| 92-5844  | Spacer - Ball Joint         | 58      | 40       | 1    | 93-7484  | Light - Warning Bank     | 18      | 11       | 1    |
| 92-6073  | Decal - Clear               | 71      | 13       | 1    | 93-7485  | Filter Assembly          | 35      | 30       | 1    |
| 92-6533  | Seat Cushion Assembly       | 14      | 4        | 1    | 93-7594  | Spacer - Tubular         | 35      | 3        | 1    |
| 92-6534  | Shell - Seat                | 14      | 7        | 1    | 93-7773  | Bolt                     | 63      | 5        | 4    |
| 92-6564  | Decal - 4 Matic             | 18      | 1        | 1    | 93-7775  | Bearing                  | 66      | 18       | 2    |
| 92-7301  | Spacer                      | 14      | 37       | 2    | 93-7778  | Housing - Axle A         | 64      | 1        | 1    |
| 92-7381  | Tube - Water, Return        | 36      | 5        | 1    | 93-7779  | Housing - Axle B         | 64      | 3        | 1    |
| 92-7382  | Cover - Manifold            | 36      | 17       | 1    | 93-7780  | Axle - 4wd               | 58      | 36       | 1    |
| 92-7762  | Lift Valve Assembly         | 19      | 15       | 1    | 93-7781  | Washer                   | 64      | 10       | 8    |
| 92-7765  | Assy. - Tube                | 3       | 30       | 1    | 93-7782  | Screw - Hex. Hd. Flange  | 64      | 4        | 8    |
| 92-7773  | Ball                        | 7       | 32       | 6    | 93-7783  | Ring - Retaining         | 67      | 11       | 2    |
| 92-7774  | Stud                        | 7       | 28       | 4    | 93-7784  | Cover                    | 67      | 12       | 2    |
| 92-7775  | Link                        | 7       | 29       | 4    | 93-7785  | Nut - Slotted            | 67      | 13       | 2    |
| 92-7776  | Spring - Extension          | 7       | 30       | 4    | 93-7786  | Fitting - Grease         | 67      | 17       | 2    |
| 92-7777  | Disc - Actuating            | 7       | 31       | 4    | 93-7787  | Bushing - Flange         | 64      | 2        | 2    |
| 92-7778  | Spring                      | 20      | 33       | 3    | 93-7788  | Hose - Return            | 35      | 12       | 1    |
| 92-7779  | Eyelet                      | 20      | 38       | 3    | 93-7798  | Hood                     | 1       | 16       | 1    |
| 92-7780  | Plug Assembly               | 20      | 32       | 3    | 93-7799  | Radiator Mount Assembly  | 55      | 8        | 1    |
| 92-7781  | Weight - Rear               | 55      | 40       | 1    | 93-9162  | Filter - Primary         | 54      | 3        | 1    |
| 92-7791  | Seal - Valve                | 42      | 52       | 8    | 93-9163  | Filter - Safety          | 54      | 6        | 1    |
| 92-7792  | Guide - Valve (14.29mm)     | 42      | 47       | 8    | 93-9164  | Indicator                | 54      | 1        | 1    |
| 92-7793  | Guide - Valve (14.59mm)     | 42      | *        | 8    | 93-9164  | Service Indicator        | 35      | 32       | 1    |
| 92-7794  | Valve - Exhaust             | 42      | 50       | 4    | 93-9175  | Dipstick                 | 35      | 26       | 1    |
| 92-7795  | Seat - Exhaust Valve        | 42      | 51       | 4    | 93-9175  | Dipstick - Oil           | 37      | 3        | 1    |
| 92-9704  | Housing - Axle              | 7       | 11       | 2    | 93-9356  | Decal - Warning          | 26      | 45       | 1    |
| 92-9706  | Spacer - Axle Shaft         | 7       | 22       | 2    | 93-9414  | Decal - Warning          | 9       | 44       | 1    |
| 92-9708  | Collar - Bearing            | 7       | 12       | 2    | 93-9415  | Panel - Tower            | 10      | 23       | 1    |
| 92-9709  | Spacer - Bearing            | 7       | 14       | 2    | 93-9416  | Panel - Gauge            | 18      | 2        | 1    |
| 92-9710  | Bearing - Ball              | 7       | 13       | 2    | 93-9420  | Decal - Fuel             | 21      | 12       | 1    |
| 92-9711  | Weight - Rear               | 55      | 35       | 1    | 93-9422  | Panel - Console          | 17      | 17       | 1    |
| 92-9712  | Seal - V-Ring               | 7       | 23       | 2    | 93-9423  | Decal - Operation        | 9       | 42       | 1    |
| 92-9714  | Axle Assembly               | 7       | 16       | 2    | 93-9425  | Decal - Danger           | 2       | 50       | 1    |
| 92-9729  | Valve - Control, Steering   | 11      | 59       | 1    | 94-1416  | Adapter Assembly         | 35      | 31       | 1    |
| 92-9730  | Cap-End                     | 12      | 18       | 1    | 94-1416  | Asm. - Adaptor           | 54      | 7        | 1    |
| 92-9732  | Plate - Wear                | 12      | 14       | 1    | 94-1418  | Hose - Radiator, Upper   | 35      | 2        | 1    |
| 92-9736  | Screw-Cap                   | 12      | 19       | 7    | 94-1418  | Hose - Radiator, Upper   | 55      | 46       | 1    |
| 92-9745  | End Cap Kit                 | 12      | *        | 1    | 94-2630  | Hose - Return            | 35      | 6        | 1    |
| 92-9749  | Seal Kit                    | 12      | *        | 1    | 94-2638  | Nut - Tinnerman          | 55      | 18       | 4    |
| 93-3102  | Cap - Fuel                  | 21      | 3        | 1    | 94-2800  | Cap - Radiator           | 35      | 22       | 1    |
| 93-3163  | Spring - Compression        | 14      | 30       | 2    | 94-2801  | Grommet - Rubber         | 35      | 40       | 2    |
| 93-3164  | Cup - Spring                | 14      | 31       | 2    | 94-2812  | Grommet                  | 36      | 7        | 1    |
| 93-3165  | Bracket - Spring            | 14      | 29       | 1    | 94-2814  | Kit - Exhaust Coupler    | 36      | 1        | 1    |
| 93-4207  | Fitting - Hose Tee          | 35      | 8        | 1    | 94-2815  | Sleeve - Exhaust Flange  | 36      | 2        | 1    |
| 93-4233  | Engine Assembly             | 34      | 42       | 1    | 94-3011  | Plug                     | 31      | 12       | 1    |
| 93-5398  | Screw - Cap Hex. Hd.        | 34      | 25       | 2    | 94-3100  | Short Block Assembly     | 37      | 36       | 1    |
| 93-5835  | Screw - Purge               | 49      | 28       | 1    | 94-3103  | Plug - Threaded          | 37      | 44       | 1    |
| 93-5856  | Valve - Solenoid            | 49      | 17       | 1    | 94-3104  | Plug - Threaded          | 37      | 43       | 2    |
| 93-6028  | Plate - Logo, TORO          | 55      | 17       | 1    | 94-3106  | Gasket                   | 37      | 42       | 2    |
| 93-6668  | Decal - Recycle             | 34      | 47       | 1    | 94-3108  | Plug - 27.5 mm Dia.      | 37      | *        | 8    |
| 93-6681  | Decal - Warning             | 56      | 54       | 1    | 94-3108  | Plug - 27.5 mm Dia.      | 41      | *        | 2    |
| 93-6697  | Decal - Oil                 | 2       | 42       | 2    | 94-3109  | Plug - 28.5 mm Dia.      | 37      | *        | 9    |
| 93-7160  | Cap - Oil                   | 24      | 2        | 1    | 94-3109  | Plug - 28.5 mm Dia.      | 41      | *        | 2    |
| 93-7203  | Latch - Lockup              | 2       | 46       | 2    | 94-3110  | Stud                     | 37      | 45       | 1    |
| 93-7204  | Mount - Pad                 | 68      | 30       | 2    | 94-3111  | Pin - Groove             | 37      | 22       | 2    |
| 93-7217  | Fitting - Hydraulic         | 68      | 28       | 1    | 94-3112  | Screw - Washer Hd.       | 37      | 17       | 2    |
| 93-7221  | Hose - Radiator, Upper      | 35      | 4        | 1    | 94-3113  | Cylinder Head Assembly   | 40      | 5        | 1    |
| 93-7223  | Hose - Air Cleaner          | 35      | 19       | 1    | 94-3115  | Nut - Lock               | 40      | 8        | 6    |
| 93-7224  | Hose - Intake               | 35      | 18       | 1    | 94-3116  | Gasket                   | 40      | 3        | 1    |
| 93-7229  | Degassing Support Asm.      | 35      | 11       | 1    | 94-3117  | Plate                    | 40      | 2        | 1    |

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| 94-3118  | Plug                      | 41 32 1                  | 94-3198  | Screw                   | 41 35 2                  |
| 94-3119  | Kit - Gasket              | 42 * 1                   | 94-3199  | Pipe - By-Pass          | 42 39 1                  |
| 94-3120  | Bracket                   | 42 54 1                  | 94-3200  | Hose - By-Pass          | 41 37 1                  |
| 94-3121  | Plug                      | 42 44 1                  | 94-3206  | Gasket                  | 47 9 1                   |
| 94-3122  | Gasket                    | 42 43 1                  | 94-3207  | Ring                    | 47 4 1                   |
| 94-3123  | Screw - Cap Hex. Hd.      | 40 1 2                   | 94-3208  | Stub - Outlet           | 47 2 1                   |
| 94-3124  | Bolt - Valve Cover        | 41 22 3                  | 94-3209  | Thermostat              | 47 11 1                  |
| 94-3124  | Screw - Cap Hex. Hd.      | 46 8 2                   | 94-3210  | Gasket                  | 47 10 1                  |
| 94-3125  | Washer                    | 41 21 3                  | 94-3211  | Temp Sending Unit       | 47 6 1                   |
| 94-3125  | Washer - Flat             | 44 3 1                   | 94-3212  | Plug                    | 47 7 2                   |
| 94-3126  | Protector - Lower         | 44 5 1                   | 94-3213  | Screw                   | 47 8 1                   |
| 94-3127  | Case - Timing, Left       | 44 7 1                   | 94-3214  | Screw                   | 47 5 1                   |
| 94-3128  | Case - Timing, Right      | 44 9 1                   | 94-3215  | Manifold - Intake       | 45 6 1                   |
| 94-3129  | Plug                      | 44 4 1                   | 94-3216  | Screw                   | 45 8 5                   |
| 94-3130  | Screw                     | 44 2 1                   | 94-3217  | Screw                   | 45 9 4                   |
| 94-3131  | Screw                     | 47 1 3                   | 94-3218  | Screw                   | 45 * 1                   |
| 94-3131  | Screw                     | 44 10 1                  | 94-3219  | Pump - Injection        | 49 19 1                  |
| 94-3132  | Screw                     | 44 1 2                   | 94-3220  | Bracket                 | 49 3 1                   |
| 94-3133  | Nut W/Washer              | 44 6 1                   | 94-3221  | Screw                   | 49 11 1                  |
| 94-3134  | Nut                       | 44 8 1                   | 94-3222  | Key                     | 49 20 1                  |
| 94-3135  | Bracket - Lifting         | 41 15 1                  | 94-3223  | Screw                   | 49 25 1                  |
| 94-3136  | Bracket - Lifting         | 41 23 1                  | 94-3224  | Washer - Flat           | 49 9 2                   |
| 94-3137  | Bracket - Lifting         | 41 25 1                  | 94-3225  | Screw                   | 49 4 2                   |
| 94-3138  | Screw                     | 41 24 1                  | 94-3226  | Gasket - Injector       | 50 4 4                   |
| 94-3139  | Screw                     | 41 26 1                  | 94-3227  | Spacer                  | 50 8 4                   |
| 94-3141  | Thrust Bearing Set (Std.) | 38 13 2                  | 94-3228  | Spring                  | 50 7 4                   |
| 94-3144  | Pulley                    | 38 3 1                   | 94-3229  | Union                   | 50 11 3                  |
| 94-3145  | Screw - Cap Hex. Hd.      | 38 1 1                   | 94-3230  | Hose                    | 50 1 1                   |
| 94-3148  | Seal - Shaft              | 38 11 1                  | 94-3231  | Bracket                 | 50 13 2                  |
| 94-3149  | Gear - Flywheel           | 38 17 1                  | 94-3232  | Washer - 0.79 mm        | 50 6 4                   |
| 94-3150  | Screw - Cap Hex. Hd.      | 38 7 4                   | 94-3233  | Washer - 0.82 mm        | 50 * 4                   |
| 94-3151  | Washer                    | 38 8 6                   | 94-3234  | Washer - 0.85 mm        | 50 * 4                   |
| 94-3152  | Screw - Cap Hex. Hd.      | 39 33 2                  | 94-3235  | Washer - 0.88 mm        | 50 * 4                   |
| 94-3157  | Piston Set - Std.         | 39 29 1                  | 94-3236  | Washer - 0.91 mm        | 50 * 4                   |
| 94-3158  | Piston Ring Set Std.      | 38 23 4                  | 94-3237  | Washer - 0.94 mm        | 50 * 4                   |
| 94-3159  | Roller Assembly           | 43 11 1                  | 94-3238  | Washer - 0.97 mm        | 50 * 4                   |
| 94-3160  | Roller Assembly           | 43 15 1                  | 94-3239  | Washer - 1.00 mm        | 50 * 4                   |
| 94-3161  | Screw                     | 43 16 2                  | 94-3240  | Washer - 1.03 mm        | 50 * 4                   |
| 94-3161  | Screw                     | 49 24 1                  | 94-3241  | Washer - 1.06 mm        | 50 * 4                   |
| 94-3162  | Stud                      | 43 9 1                   | 94-3242  | Washer - 1.30 mm        | 50 6 4                   |
| 94-3163  | Screw                     | 43 6 1                   | 94-3243  | Washer - 1.33 mm        | 50 * 4                   |
| 94-3164  | Washer - Spring           | 45 7 7                   | 94-3244  | Washer - 1.36 mm        | 50 * 4                   |
| 94-3164  | Washer - Spring           | 43 10 4                  | 94-3245  | Washer - 1.39 mm        | 50 * 4                   |
| 94-3164  | Washer - Spring           | 49 10 6                  | 94-3246  | Washer - 1.42 mm        | 50 * 4                   |
| 94-3165  | Nut                       | 49 6 4                   | 94-3247  | Washer - 1.45 mm        | 50 * 4                   |
| 94-3165  | Nut - Lock                | 43 12 1                  | 94-3248  | Washer - 1.48 mm        | 50 * 4                   |
| 94-3166  | Washer - Flat             | 43 7 1                   | 94-3249  | Tube - Outlet           | 49 22 1                  |
| 94-3167  | Bracket - Fan             | 43 24 1                  | 94-3250  | Screw - Connection      | 49 23 1                  |
| 94-3168  | Pulley - Fan              | 43 21 1                  | 94-3251  | Nut                     | 49 15 1                  |
| 94-3169  | Screw                     | 43 25 1                  | 94-3251  | Nut - Lock              | 53 8 1                   |
| 94-3170  | Screw                     | 43 17 1                  | 94-3252  | Alternator              | 51 12 1                  |
| 94-3171  | Screw                     | 43 20 2                  | 94-3252  | Alternator              | 35 39 1                  |
| 94-3172  | Washer                    | 43 19 3                  | 94-3253  | Bracket                 | 51 7 1                   |
| 94-3173  | Screw                     | 43 22 3                  | 94-3254  | Screw                   | 51 6 1                   |
| 94-3174  | Washer                    | 41 27 8                  | 94-3255  | Slide                   | 51 4 1                   |
| 94-3176  | Gear - Oil Pump           | 46 2 1                   | 94-3256  | Belt                    | 51 5 1                   |
| 94-3177  | Plug                      | 46 12 2                  | 94-3257  | Washer - Spring         | 51 13 1                  |
| 94-3178  | Strainer                  | 46 9 1                   | 94-3258  | Screw                   | 51 14 1                  |
| 94-3179  | Washer - Spring           | 46 4 3                   | 94-3260  | Washer - Flat           | 51 3 1                   |
| 94-3180  | Switch - Pressure         | 37 32 1                  | 94-3261  | Nut                     | 51 11 1                  |
| 94-3181  | Oil Filler                | 37 1 1                   | 94-3262  | Nut                     | 51 10 1                  |
| 94-3182  | Plug                      | 37 2 1                   | 94-3263  | Starter                 | 52 3 1                   |
| 94-3183  | Gasket                    | 37 39 1                  | 94-3264  | Plug - Glow             | 53 3 4                   |
| 94-3184  | Union                     | 37 4 1                   | 94-3265  | Cable - Glow Plug       | 53 2 4                   |
| 94-3186  | O-Ring                    | 37 40 1                  | 94-3266  | Nut - Hex.              | 53 5 4                   |
| 94-3191  | Union                     | 37 48 1                  | 94-3267  | Nut - Lock              | 53 6 1                   |
| 94-3192  | Union                     | 37 47 1                  | 94-3274  | O-Ring                  | 49 18 1                  |
| 94-3196  | Inlet - Water             | 48 7 1                   | 94-5601  | Support - Tank, Lower   | 1 9 1                    |
| 94-3196  | Inlet - Water             | 41 31 1                  | 94-5604  | Hose - Overflow         | 35 15 1                  |
| 94-3197  | O-Ring                    | 48 3 1                   | 94-5608  | Mount - Rubber          | 36 11 1                  |
| 94-3197  | O-Ring                    | 41 30 1                  | 94-5609  | Cover Asm - Hood, Lower | 1 31 1                   |
| 94-3198  | Screw                     | 48 8 2                   | 94-5612  | Screen Assembly         | 55 15 1                  |

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| 94-5613  | Stop - Rubber              | 1 17 2                   | 95-4375  | Harness - Wire       | 11 52 1                  |
| 94-5614  | Bracket - Hour Meter       | 21 43 1                  | 95-4375  | Harness - Wire, Deck | 16 8 1                   |
| 94-5615  | Bracket - Return Hose      | 34 43 1                  | 98-3837  | Gasket - Pump, Water | 48 4 1                   |
| 94-5616  | Seal - Hood                | 55 9 1                   | 98-7250  | Clutch               | 26 37 1                  |
| 94-5617  | Seal - Strip, Hood         | 1 22 2                   | 98-7253  | Assembly - Armature  | 28 5 1                   |
| 94-5618  | Trim - Fire Wall           | 1 15 1                   | 98-7820  | Gear Case Assembly   | 65 * 1                   |
| 94-5621  | Bracket Assembly - Screen  | 55 10 1                  | 98-7821  | Bolt                 | 65 6 8                   |
| 94-5622  | Seal Strip - Screen        | 55 12 1                  | 98-7822  | Case - Differential  | 65 3 1                   |
| 94-5623  | Harness - Wire, Main       | 16 6 1                   | 98-7823  | Ring - Gear          | 65 2 1                   |
| 94-5623  | Harness - Wire, Main       | 26 31 1                  | 98-7825  | Axle - 4wd           | 58 36 1                  |
| 94-5623  | Harness - Wire, Main       | 21 37 1                  | 98-9965  | Bushing - Sleeve     | 38 24 4                  |
| 94-5623  | Wire Harness - Main        | 35 36 1                  | 98-9966  | Pulley - Camshaft    | 43 26 1                  |
| 94-5625  | Hose - Radiator, Overflow  | 35 13 1                  | 98-9967  | Key                  | 43 4 1                   |
| 94-5625  | Hose - Radiator, Overflow  | 56 50 1                  | 98-9968  | Screw                | 43 1 2                   |
| 94-5626  | Latch - Draw               | 1 23 1                   | 98-9970  | Box - Outlet         | 47 3 1                   |
| 94-5627  | Plug                       | 17 11 1                  | 98-9971  | Hose - By-Pass       | 42 40 1                  |
| 94-5629  | Harness - Wire             | 18 27 1                  | 98-9972  | Cover - Pump, Water  | 48 5 1                   |
| 94-5635  | Guard - Fan                | 56 52 1                  | 217-124  | Rim                  | 7 18 2                   |
| 94-5643  | Bearing                    | 66 12 2                  | 217-125  | Rim                  | 58 38 2                  |
| 94-8000  | Nut - Lock                 | 58 19 1                  | 218-446  | Washer - Lock        | 18 3 1                   |
| 94-8001  | Fuse - Blade, 80 Amp       | 16 9 1                   | 218-447  | Nut - Hex.           | 18 4 1                   |
| 94-8002  | Fuse - Blade, 50 Amp       | 16 10 1                  | 218-461  | Nut - Hex            | 13 15 2                  |
| 94-8003  | Support - Air Cleaner Hose | 35 45 1                  | 218-573  | Fuse - 5A            | 17 21 2                  |
| 94-8010  | Hose - Hydraulic           | 55 21 2                  | 218-581  | Fuse - 15A           | 17 21 1                  |
| 94-8012  | Muffler Assembly           | 36 6 1                   | 218-591  | Coil Assembly        | 60 6 1                   |
| 94-8018  | Arm - Drag Link            | 67 1 1                   | 218-592  | Nut - Coil           | 60 7 1                   |
| 94-8019  | Arm - Tie Rod              | 67 2 1                   | 218-593  | Fuse - 30A           | 17 * 1                   |
| 94-8022  | Switch - Pressure          | 68 29 1                  | 219-17   | Bulb                 | 18 *16 4                 |
| 94-8025  | O-Ring                     | 22 3 1                   | 232-27   | Stem - Valve         | 7 19 2                   |
| 94-8026  | Vent Assembly              | 22 12 1                  | 232-27   | Stem - Valve         | 58 39 2                  |
| 94-8027  | O-Ring                     | 22 10 1                  | 233-17   | Knob                 | 10 24 1                  |
| 94-8028  | O-Ring                     | 22 11 1                  | 233-39   | Knob - Throttle      | 17 1 1                   |
| 94-8132  | Gasket - Head (1.48 mm)    | 42 53 1                  | 233-42   | Knob                 | 19 13 3                  |
| 94-8133  | Gasket - Head (1.52 mm)    | 42 * 1                   | 237-7    | O-Ring               | 13 23 1                  |
| 94-8134  | Gasket - Head (1.58 mm)    | 42 * 1                   | 237-21   | O-Ring               | 68 6 6                   |
| 94-8135  | Gasket - Head (1.62 mm)    | 42 * 1                   | 237-21   | O-Ring               | 19 21 3                  |
| 94-8141  | Cylinder - Hydraulic       | 59 46 1                  | 237-22   | O-Ring               | 10 3 10                  |
| 94-8160  | Washer                     | 31 8 1                   | 237-22   | O-Ring               | 33 5 7                   |
| 94-8297  | Assy. - Pump, Gear         | 29 5 1                   | 237-22   | O-Ring               | 19 17 2                  |
| 94-8298  | Hydraulic Tube Assembly    | 24 37 1                  | 237-22   | O-Ring               | 24 28 1                  |
| 94-8298  | Tube Assembly - Oil Cooler | 55 32 1                  | 237-22   | Seal - O-Ring        | 58 2 6                   |
| 94-8299  | Assy. - Tube, Steering     | 10 45 1                  | 237-30   | O-Ring               | 33 8 3                   |
| 94-8299  | Tube Assembly - Steering   | 25 51 1                  | 237-30   | O-Ring               | 13 18 1                  |
| 94-9955  | Assembly - Barrel          | 61 1 1                   | 237-30   | O-Ring               | 3 24 1                   |
| 94-9956  | Assembly - Piston Rod      | 61 6 1                   | 237-30   | O-Ring               | 24 32 5                  |
| 94-9957  | Piston                     | 61 3 1                   | 237-30   | O-Ring               | 19 34 1                  |
| 94-9958  | Gland - Cylinder           | 61 8 1                   | 237-30   | O-Ring               | 4 48 1                   |
| 94-9965  | Asm. - Head, Cylinder      | 42 * 1                   | 237-42   | O-Ring               | 19 5 5                   |
| 94-9969  | Screw - Connection         | 49 27 1                  | 237-42   | O-Ring               | 58 42 2                  |
| 94-9983  | Box - Degassing            | 35 41 1                  | 237-42   | Seal - O-Ring        | 68 32 1                  |
| 94-9984  | Sensor - Water Level       | 35 23 1                  | 237-65   | O-Ring               | 33 2 7                   |
| 94-9994  | Gasket                     | 43 27 1                  | 237-65   | O-Ring               | 58 11 3                  |
| 95-1821  | Spring                     | 10 40 1                  | 237-65   | O-Ring               | 24 13 5                  |
| 95-4351  | Plate - Pivot              | 30 61 1                  | 237-65   | O-Ring               | 55 22 6                  |
| 95-4352  | Bracket - Neutral          | 30 60 1                  | 237-65   | O-Ring               | 3 33 6                   |
| 95-4354  | Assembly - Hose            | 19 18 1                  | 237-65   | Seal - O-Ring        | 6 5 2                    |
| 95-4354  | Hose Assembly              | 33 44 1                  | 237-78   | O-Ring               | 68 3 4                   |
| 95-4356  | Fitting - Hydraulic        | 33 35 1                  | 237-78   | O-Ring               | 19 43 1                  |
| 95-4362  | Asm. - Frontplate          | 31 7 1                   | 237-78   | O-Ring               | 59 47 2                  |
| 95-4363  | Asm. - Backplate           | 31 21 1                  | 237-79   | O-Ring               | 19 4 3                   |
| 95-4364  | Asm. - Body                | 31 2 2                   | 237-79   | O-Ring               | 10 5 4                   |
| 95-4365  | Asm. - Gear, Drive         | 31 3 1                   | 237-79   | O-Ring               | 33 14 6                  |
| 95-4366  | Asm. - Gear, Idler         | 31 13 2                  | 237-79   | O-Ring               | 68 23 3                  |
| 95-4367  | Gasket - Backup            | 31 5 2                   | 237-79   | O-Ring               | 3 28 3                   |
| 95-4368  | Plate - Wear               | 31 4 2                   | 237-79   | O-Ring               | 24 34 2                  |
| 95-4369  | Seal                       | 31 6 2                   | 237-80   | O-Ring               | 60 2 2                   |
| 95-4370  | Screw - Cap                | 31 9 8                   | 237-80   | O-Ring               | 33 4 5                   |
| 95-4371  | Plate - Adapter            | 31 16 1                  | 237-80   | O-Ring               | 32 23 3                  |
| 95-4372  | Key                        | 31 15 1                  | 237-80   | O-Ring               | 24 30 5                  |
| 95-4373  | Gear                       | 31 14 1                  | 237-81   | O-Ring               | 24 5 3                   |
| 95-4374  | Asm. - Valve, Relief       | 31 * 1                   | 237-81   | O-Ring               | 58 22 2                  |
| 95-4375  | Harness - Wire             | 26 9 1                   | 237-136  | Grommet              | 13 24 2                  |

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| 237-146  | O-Ring                     | 33 36 1                  | 321-2    | Screw - Cap Hex. Hd.    | 17 12 1                  |
| 237-161  | O-Ring                     | 29 6 1                   | 321-3    | Screw - Cap Hex. Hd.    | 21 34 2                  |
| 237-166  | O-Ring                     | 58 26 1                  | 321-5    | Screw - Cap Hex. Hd.    | 13 30 1                  |
| 237-167  | O-Ring                     | 3 27 1                   | 321-10   | Screw - Cap Hex. Hd.    | 19 7 2                   |
| 240-6    | Grommet                    | 21 18 3                  | 321-15   | Screw - Cap Hex. Hd.    | 33 17 2                  |
| 240-11   | Grommet                    | 24 11 3                  | 322-2    | Screw - Cap Hex. Hd.    | 68 2 5                   |
| 242-34   | Stud - Axle                | 7 21 10                  | 322-2    | Screw - Cap Hex. Hd.    | 33 9 1                   |
| 249-49   | Ring                       | 25 48 4                  | 322-2    | Screw - Cap Hex. Hd.    | 13 38 2                  |
| 2410-64  | Plug - Dome                | 10 34 2                  | 322-3    | Screw - Cap Hex. Hd.    | 14 12 4                  |
| 2410-64  | Plug - Hole                | 56 55 3                  | 322-3    | Screw - Cap Hex. Hd.    | 34 27 4                  |
| 2411-36  | Eye - Rod                  | 9 2 3                    | 322-3    | Screw - Cap Hex. Hd.    | 55 49 2                  |
| 2411-36  | Rod - End                  | 3 3 1                    | 322-4    | Screw - Cap Hex. Hd.    | 15 5 4                   |
| 2411-36  | Rod End                    | 8 9 2                    | 322-4    | Screw - Cap Hex. Hd.    | 55 29 3                  |
| 2411-36  | Rod End                    | 10 21 1                  | 322-4    | Screw - Cap Hex. Hd.    | 9 41 2                   |
| 2411-36  | Rod End                    | 29 27 1                  | 322-5    | Screw - Cap Hex. Hd.    | 30 55 2                  |
| 2412-3   | Clamp - Hose               | 35 1 3                   | 322-6    | Screw - Cap Hex. Hd.    | 29 1 2                   |
| 2412-3   | Clamp - Hose               | 36 4 1                   | 322-6    | Screw - Cap Hex. Hd.    | 33 18 1                  |
| 2412-3   | Clamp - Hose               | 55 45 2                  | 322-6    | Screw - Cap Hex. Hd.    | 14 28 1                  |
| 2412-31  | Clip - Conduit             | 17 23 1                  | 322-7    | Screw - Cap Hex. Hd.    | 29 30 1                  |
| 2412-34  | Clamp - Hose               | 24 27 1                  | 322-10   | Screw - Cap Hex. Hd.    | 29 19 1                  |
| 2412-34  | Clamp - Hose               | 33 34 1                  | 322-21   | Screw - Cap Hex. Hd.    | 9 31 3                   |
| 2412-36  | Clamp - Hose               | 35 7 5                   | 323-4    | Screw - Cap Hex. Hd.    | 1 30 1                   |
| 2412-36  | Clamp - Hose               | 21 24 1                  | 323-4    | Screw - Cap Hex. Hd.    | 21 40 7                  |
| 2412-36  | Clamp - Hose               | 25 47 1                  | 323-4    | Screw - Cap Hex. Hd.    | 34 41 1                  |
| 2412-36  | Clamp - Hose               | 56 51 1                  | 323-5    | Screw - Cap Hex. Hd.    | 24 24 3                  |
| 2412-39  | R-Clamp                    | 17 27 1                  | 323-6    | Screw - Cap Hex. Hd.    | 10 10 4                  |
| 2412-74  | Clamp                      | 13 14 1                  | 323-6    | Screw - Cap Hex. Hd.    | 15 10 2                  |
| 2412-74  | Clamp - R                  | 58 20 1                  | 323-6    | Screw - Cap Hex. Hd.    | 1 24 1                   |
| 2412-74  | Clamp - R                  | 13 40 1                  | 323-7    | Screw - Cap Hex. Hd.    | 29 4 2                   |
| 2412-74  | Clamp - R                  | 10 49 2                  | 323-7    | Screw - Cap Hex. Hd.    | 21 20 2                  |
| 2412-104 | Clamp - R                  | 33 11 1                  | 323-7    | Screw - Cap Hex. Hd.    | 3 38 2                   |
| 2412-104 | Clamp - R                  | 11 62 1                  | 323-7    | Screw - Cap Hex. Hd.    | 8 10 2                   |
| 2412-108 | Clamp - Hose               | 21 5 6                   | 323-8    | Screw - Cap Hex. Hd.    | 10 20 1                  |
| 2412-108 | Clamp - Hose               | 35 10 4                  | 323-9    | Screw - Cap Hex. Hd.    | 3 1 1                    |
| 2412-109 | Clamp-J                    | 26 10 2                  | 323-9    | Screw - Cap Hex. Hd.    | 34 3 1                   |
| 2412-125 | Clamp - Hose               | 35 20 3                  | 323-9    | Screw - Cap Hex. Hd.    | 9 14 1                   |
| 2412-129 | Clamp - Hose               | 37 8 8                   | 323-9    | Screw - Cap Hex. Hd.    | 14 34 2                  |
| 2412-129 | Clamp - Hose               | 35 14 2                  | 323-12   | Screw - Cap Hex. Hd.    | 9 29 2                   |
| 2412-129 | Clamp - Hose               | 36 14 4                  | 323-17   | Screw - Cap Hex. Hd.    | 19 10 1                  |
| 2412-129 | Clamp - Hose               | 41 36 4                  | 323-17   | Screw - Hex. Hd.        | 13 16 1                  |
| 2412-133 | Clamp - R                  | 13 2 2                   | 323-20   | Screw - Cap Hex. Hd.    | 36 8 2                   |
| 2412-137 | R-Clamp                    | 68 11 1                  | 323-29   | Screw - Cap Hex. Hd.    | 29 14 3                  |
| 2412-150 | Clip - J                   | 4 49 1                   | 323-33   | Screw - Cap Hex. Hd.    | 34 8 2                   |
| 251-259  | Bearing - Ball             | 29 29 2                  | 323-47   | Screw - Cap Hex. Hd.    | 29 34 6                  |
| 251-310  | Bearing - Ball             | 26 16 2                  | 324-4    | Screw - Cap Hex. Hd.    | 33 6 2                   |
| 251-314  | Bearing                    | 29 45 2                  | 324-4    | Screw - Cap Hex. Hd.    | 30 58 2                  |
| 253-43   | Seal - Grease              | 29 40 1                  | 324-12   | Screw - Cap Hex. Hd.    | 34 17 3                  |
| 256-10   | Bushing - Flange           | 1 4 2                    | 325-2    | Screw - Cap Hex. Hd.    | 71 5 4                   |
| 256-10   | Bushing - Flange           | 9 22 4                   | 325-2    | Screw - Cap Hex. Hd.    | 3 44 1                   |
| 256-90   | Bushing - Flange           | 9 19 1                   | 325-4    | Screw - Cap Hex. Hd.    | 58 25 2                  |
| 256-113  | Bushing                    | 29 52 2                  | 325-4    | Screw - Cap Hex. Hd.    | 7 27 1                   |
| 256-237  | Bushing - Sleeve           | 1 5 1                    | 325-5    | Screw - Cap Hex. Hd.    | 2 47 2                   |
| 283-2    | Pin - Clevis               | 8 16 2                   | 325-9    | Screw - Cap Hex. Hd.    | 26 29 2                  |
| 285-22   | Plug - Pipe                | 21 27 1                  | 325-9    | Screw - Cap Hex. Hd.    | 13 37 2                  |
| 289-44   | Nipple - Pipe              | 3 20 1                   | 325-11   | Screw - HH              | 70 3 2                   |
| 289-50   | Nipple - Pipe              | 3 18 1                   | 325-14   | Screw                   | 26 12 1                  |
| 2811-1   | Fitting - 45° Elbow        | 55 39 1                  | 325-15   | Screw - Cap Hex. Hd.    | 7 25 10                  |
| 2812-1   | Fitting - Reducing Bushing | 21 26 1                  | 325-18   | Screw - Cap Hex. Hd.    | 57 4 2                   |
| 2812-11  | Bushing - Reducer          | 3 16 1                   | 325-20   | Screw - Cap Hex. Hd.    | 58 16 2                  |
| 2813-14  | Elbow - Pipe 90°           | 3 19 1                   | 325-33   | Screw - Cap Hex. Hd.    | 71 3 2                   |
| 302-2    | Fitting - Grease           | 9 20 1                   | 325-34   | Screw - Hex. Flange Hd. | 55 33 2                  |
| 302-2    | Fitting - Grease           | 59 55 1                  | 325-35   | Screw - Cap Hex. Hd.    | 58 34 2                  |
| 302-5    | Fitting - Grease           | 8 2 2                    | 325-35   | Screw - Cap Hex. Hd.    | 55 41 2                  |
| 302-5    | Fitting - Grease           | 58 7 2                   | 3212-5   | Screw - Cap Hex. Hd.    | 71 9 2                   |
| 302-5    | Fitting - Grease           | 68 21 6                  | 3212-5   | Screw - Cap Hex. Hd.    | 15 14 2                  |
| 302-5    | Fitting - Grease           | 9 27 3                   | 3213-2   | Screw - Hex. Hd. Flange | 29 8 2                   |
| 302-5    | Fitting - Grease           | 29 37 3                  | 3217-6   | Nut - Hex.              | 14 17 1                  |
| 302-14   | Plug - Vent                | 3 15 1                   | 3217-26  | Nut                     | 18 15 2                  |
| 302-33   | Fitting - Grease 90°       | 59 69 1                  | 3218-2   | Nut - Jam               | 14 20 4                  |
| 302-60   | Fitting - Grease           | 26 43 1                  | 3218-2   | Nut - Jam               | 9 40 2                   |
| 302-60   | Fitting - Lube             | 70 7 2                   | 3218-19  | Nut - Hex.              | 18 7 2                   |
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| 3220-3   | Nut - Jam                 | 3 4 1                    | 3256-24  | Washer - Flat             | 29 35 9                  |
| 3220-3   | Nut - Jam                 | 8 7 2                    | 3256-24  | Washer - Flat             | 9 37 1                   |
| 3220-3   | Nut - Jam                 | 10 19 1                  | 3256-24  | Washer - Flat             | 4 52 2                   |
| 3220-3   | Nut - Jam                 | 30 54 1                  | 3256-26  | Washer - Flat             | 71 2 4                   |
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