FORM NO. 3314-547

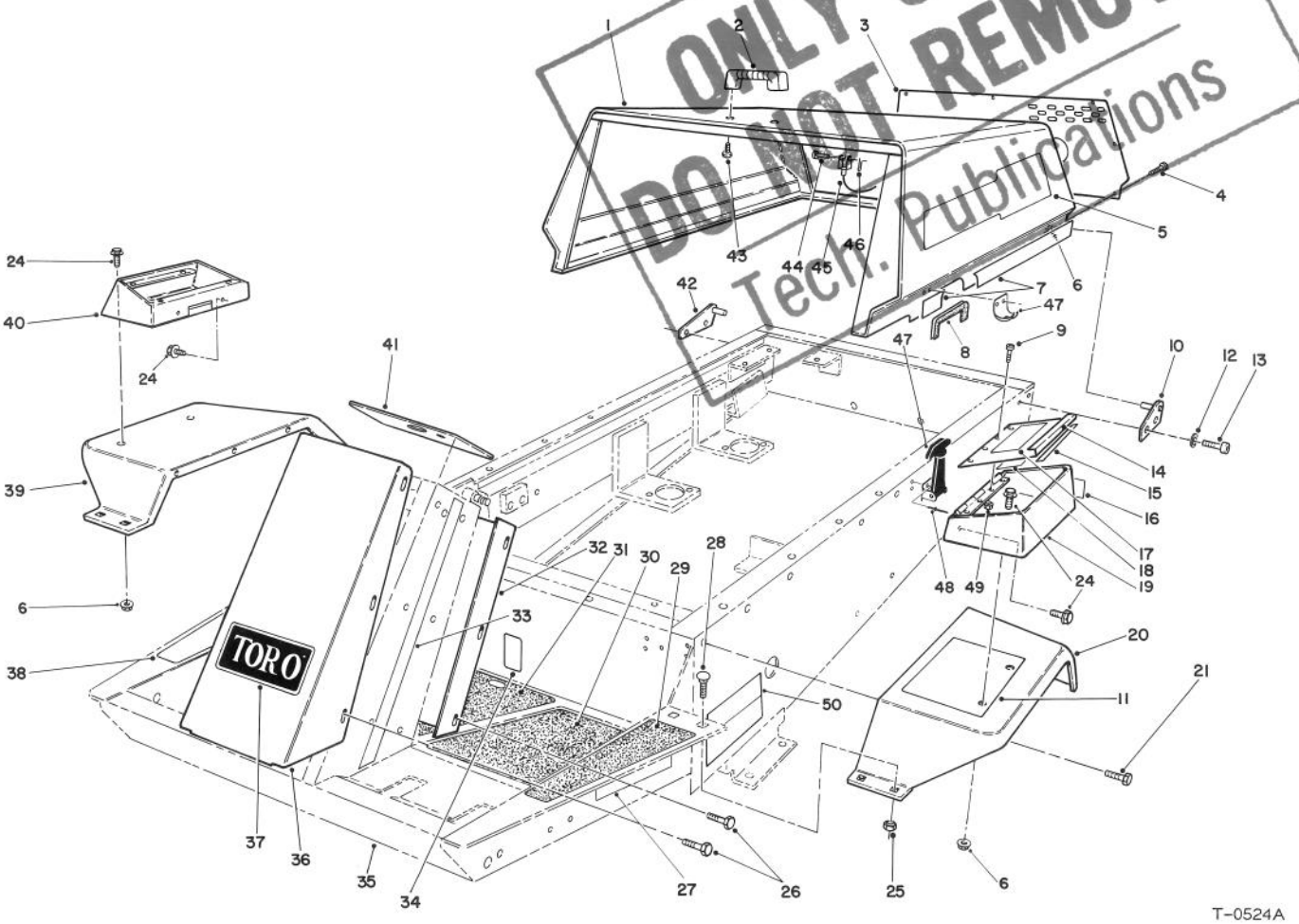
TORO®

MODEL NO. 30794-10215 & UP

PARTS CATALOG

# GROUNDSMASTER® 220-D

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## BODY ASSEMBLY

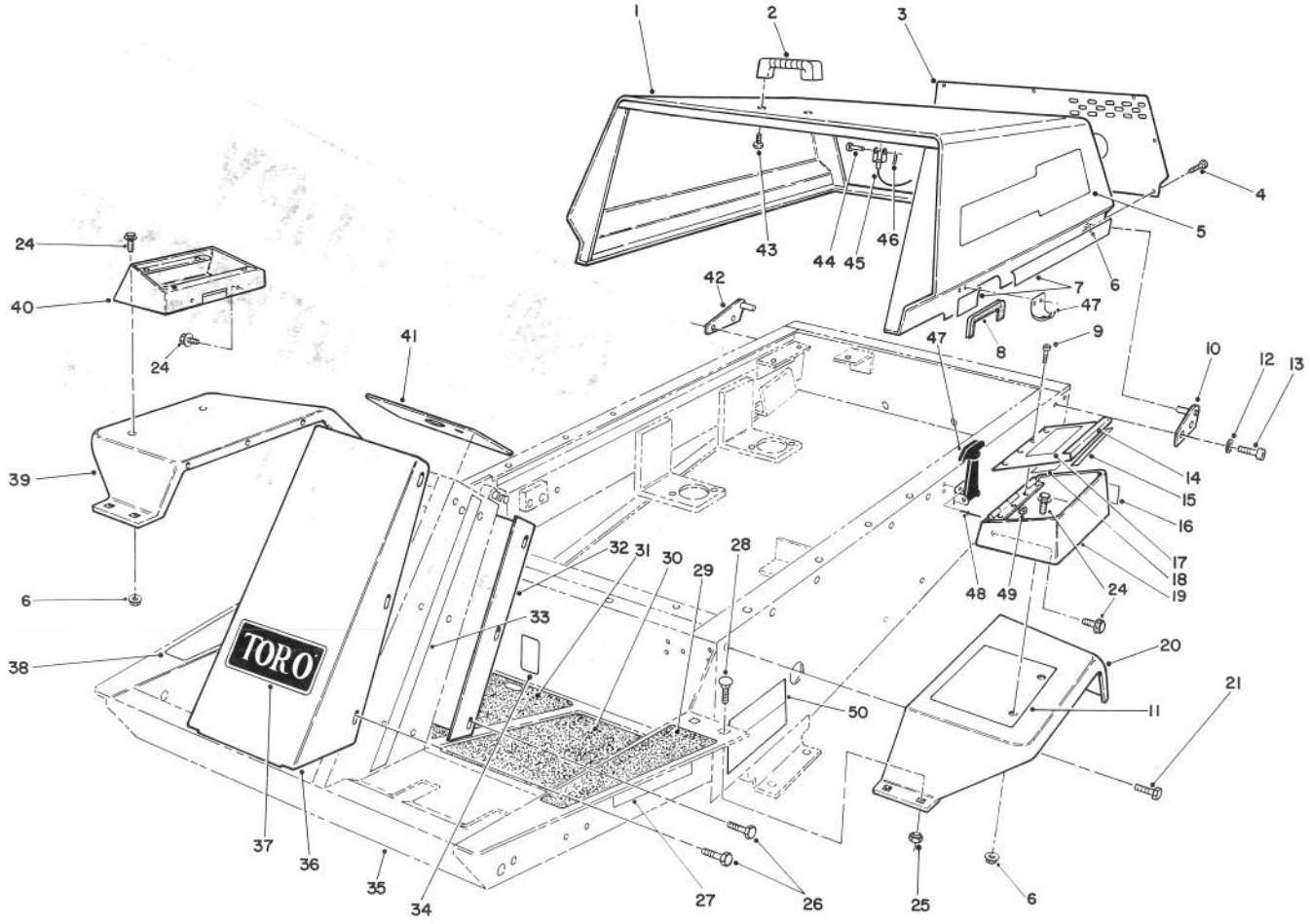
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 63-6950 | Assembly - Hood | 1 |
| 2 | 65-5100 | Handle - Hood | 1 |
| 3 | 63-7030 | Screen - Hood | 1 |
| 4 | 321-39 | Screw - Cap Hex. Hd. | 7 |
| 5 | 63-7670 | Decal - GM 220-D | 2 |
| 6 | 32128-4 | Nut - Flange | 11 |
| 7 | 66-8680 | Decal - Hood L.H. | 1 |
| * | 66-8670 | Decal - Hood R.H. | 1 |
| 8 | 66-8110 | Trim - Hood | 1 |
| 9 | 3290-359 | Screw - Machine | 4 |
| 10 | 63-6900 | Plate Hinge L.H. | 1 |
| 11 | 76-4790 | Pad - Rubber | 1 |
| 12 | 3255-8 | Washer - Lock | 4 |
| 13 | 3274-32 | Screw - Hex. Hd. Socket | 4 |
| 14 | 66-3040 | Cover - Tool Box | 1 |
| 15 | 66-3050 | Strip - Magnetic | 1 |
| 16 | 27-7310 | Decal (Over Fill caution) | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 17 | 66-8880 | Decal - Caution | 1 |
| 18 | 72-4330 | Decal - Service | 1 |
| 19 | 66-2830 | Box - Tool | 1 |
| 20 | 63-7310 | Fender L.H. | 1 |
| 21 | 3234-14 | Screw - Flange Hd. | 8 |
| 24 | 3234-13 | Screw - Flange Hd. | 8 |
| 25 | 32128-20 | Nut - Flange | 4 |
| 26 | 46-6810 | Screw - Cap Hex. Hd. | 14 |
| 27 | 67-1720 | Decal - Caution | 2 |
| 28 | 3230-23 | Bolt - Carriage | 4 |
| 29 | 66-3200 | Tread - Foot Rest L.H. | 1 |
| 30 | 66-3210 | Tread - Foot L.H. | 1 |
| 31 | 66-3220 | Tread - Foot R.H. | 1 |
| 32 | 63-7320 | Cover - Tower Rear | 1 |
| 33 | 66-8760 | Decal - Tower L.H. | 1 |
| * | 66-8770 | Decal - Tower R.H. | 1 |
| 34 | 53-4430 | Decal - Oil | 1 |

*Not Illustrated

TPS

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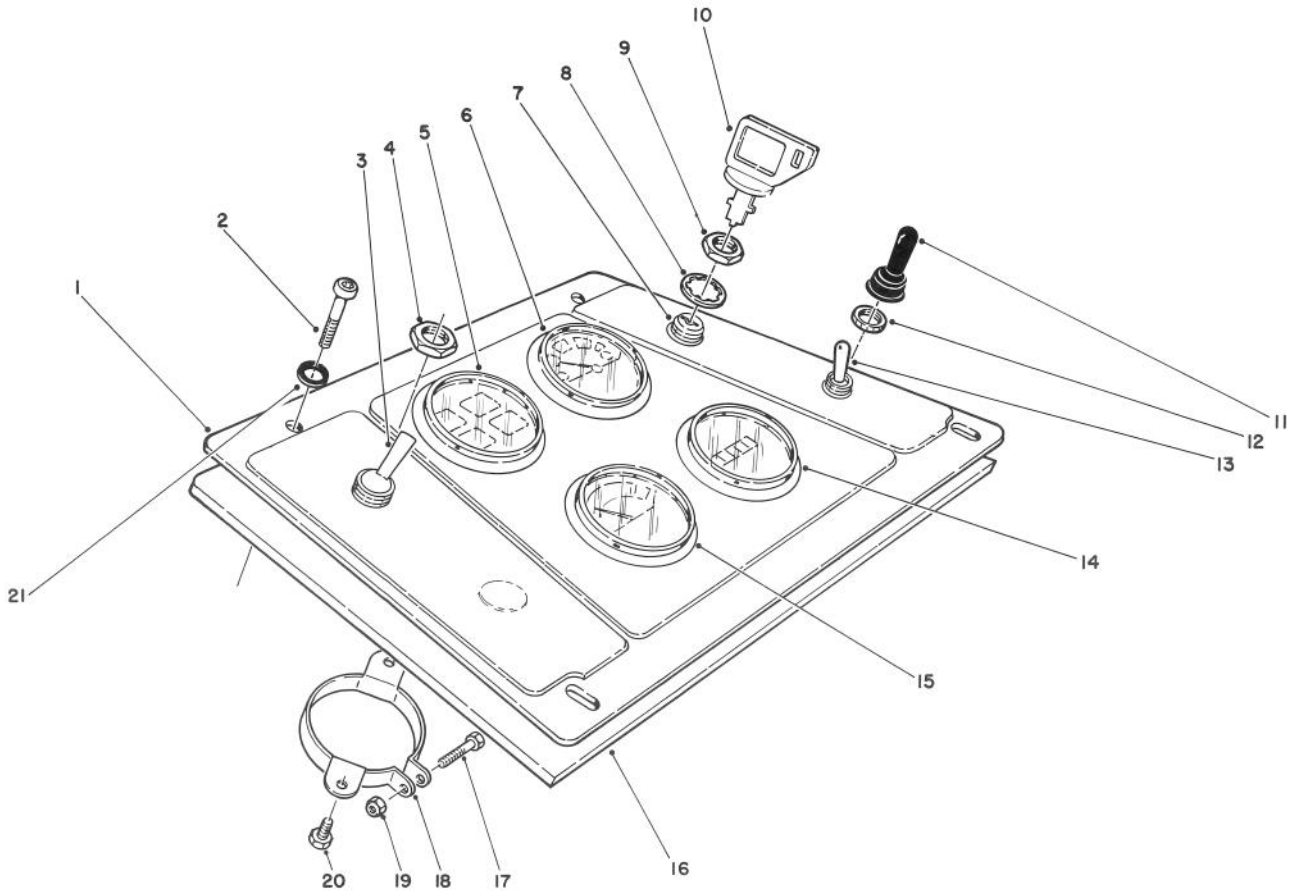



T-0524A

# BODY ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 35 | 71-3110 | Assembly - Frame | 1 |
| 36 | 63-7330 | Cover - Tower Front | 1 |
| 37 | 62-5550 | Decal - TORO | 1 |
| 38 | 66-8890 | Decal Traction Pedal | 1 |
| 39 | 63-7300 | Fender - R.H. | 1 |
| 40 | 63-8050 | Box - Control | 1 |
| 41 | 66-2470 | Plate - Tower | 1 |
| 42 | 63-6890 | Plate - Hinge R.H. | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 43 | 46-8091 | Screw - Cap Hex. Hd. | 2 |
| 44 | 283-58 | Pin - Clevis | 1 |
| 45 | 66-2870 | Cable - Hood Stop | 1 |
| 46 | 3272-10 | Pin - Cotter | 1 |
| 47 | 59-9740 | Assy. - Latch, Flex. Draw | 1 |
| 48 | 3290-271 | Rivet | 4 |
| 49 | 3296-12 | Nut - Hex. | 4 |
| 50 | 75-0810 | Decal - Caution | 2 |

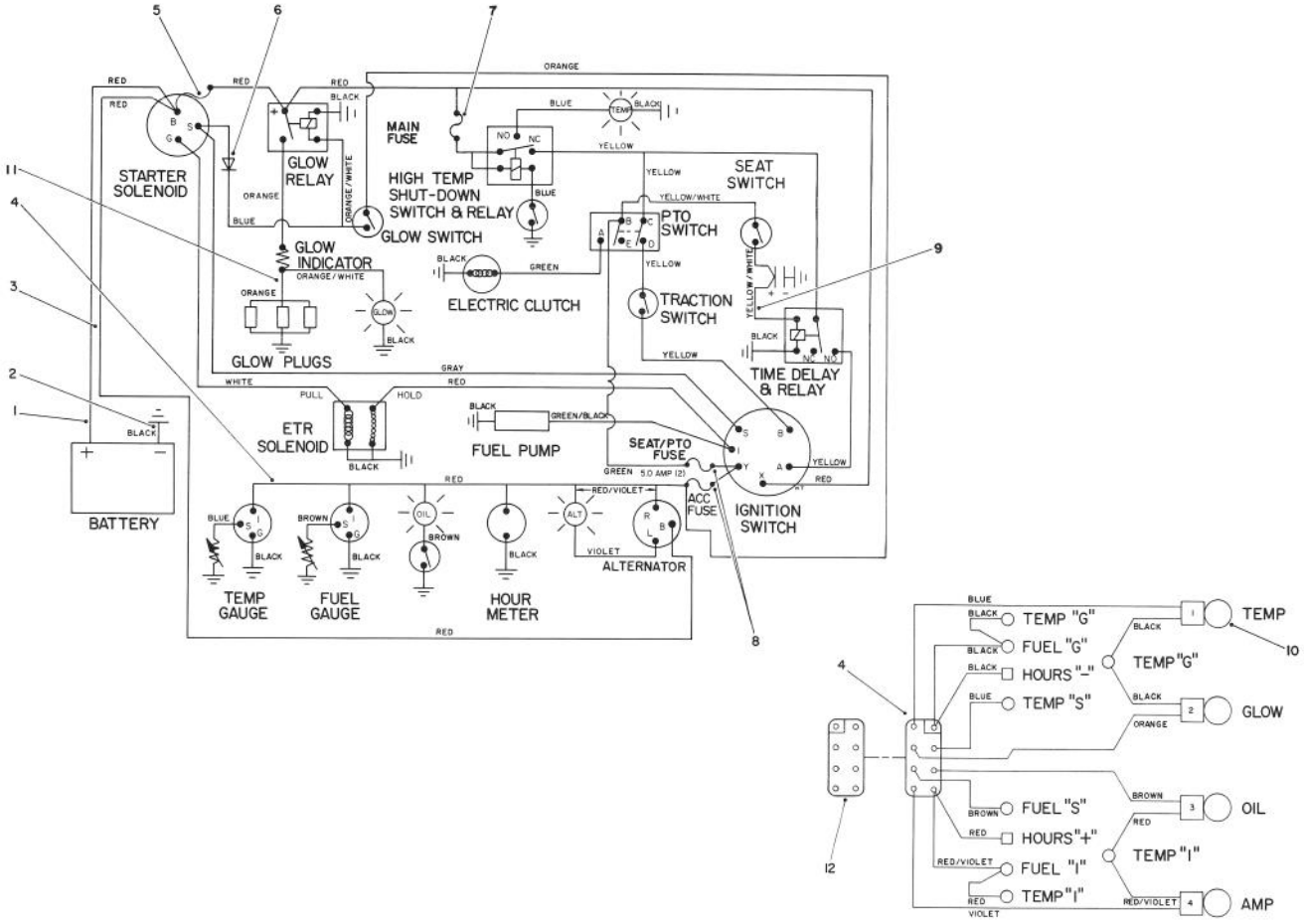



T-0525

# CONTROL PANEL ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 66-2460 | Plate - Control Panel | 1 |
| 2 | 3274-68 | Screw - Socket Button Hd. | 4 |
| 3 | 37-2610 | Switch - PTO (Incl. Ref. #4) | 1 |
| 4 | 218-500 | Nut - Hex. | 1 |
| 5 | 66-2960 | Cluster - Warning Light | 1 |
| 6 | 66-2940 | Gage - Fuel | 1 |
| 7 | 27-2360 | Switch - Ignition (Incl. Ref. #8-10) | 1 |
| 8 | 218-447 | Washer - Lock | 1 |
| 9 | 218-446 | Nut - Hex. | 1 |
| 10 | 63-8360 | Key - Ignition | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 11 | 218-473 | Boot - Switch | 1 |
| 12 | 218-497 | Nut - Face | 1 |
| 13 | 6-1659 | Switch - Glow Plugs (Incl. Ref. #11 & 12) | 1 |
| 14 | 66-2950 | Meter - Hour | 1 |
| 15 | 63-7430 | Gage - Temperature | 1 |
| 16 | 63-7990 | Panel - Control | 1 |
| 17 | 32105-1 | Screw | 1 |
| 18 | 69-4780 | Clamp - Gauge | 1 |
| 19 | 3296-2 | Nut - Lock | 1 |
| 20 | 32144-1 | Screw - Hex. Hd. | 2 |
| 21 | 3256-1 | Washer - Flat | 4 |

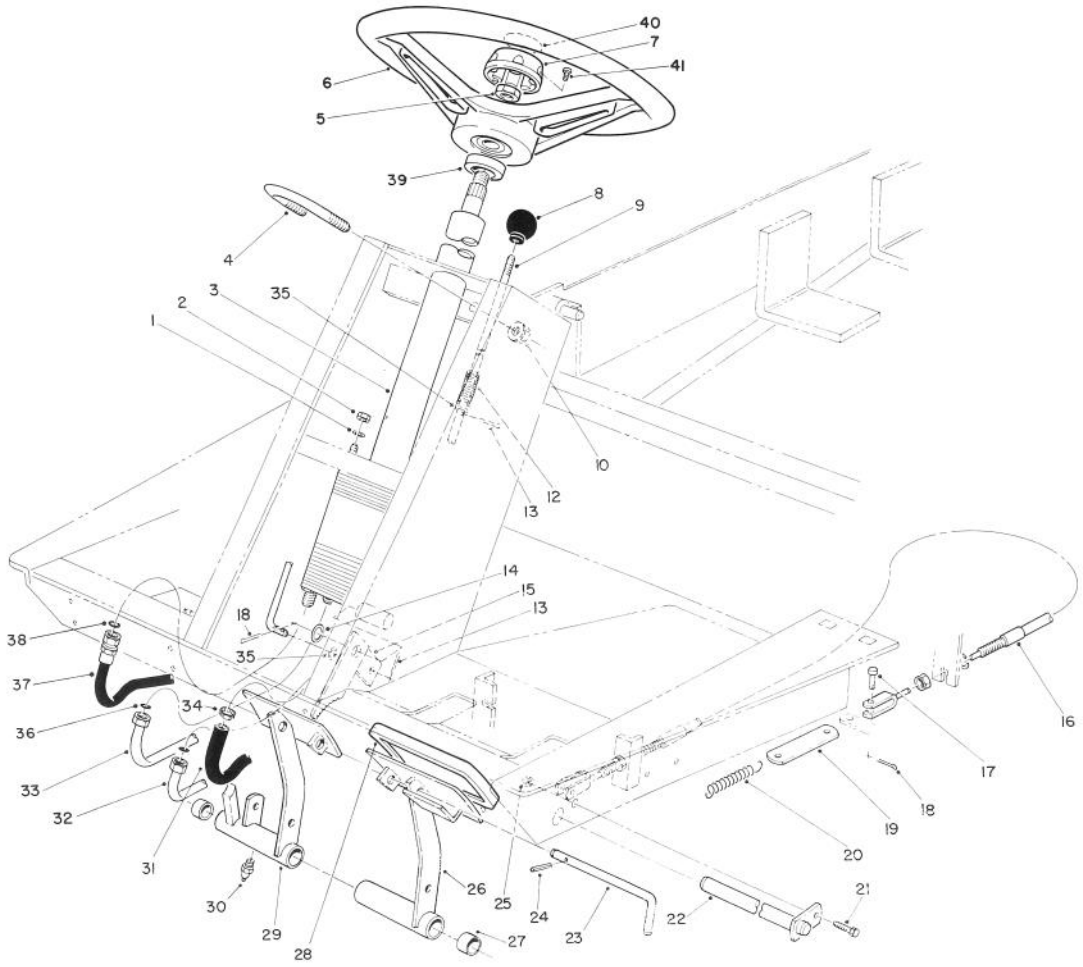



T-0526

# ELECTRICAL SCHEMATIC

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 43-4031 | Wire - Positive | 1 |
| 2 | 63-7340 | Wire - Ground | 1 |
| 3 | 71-1530 | Wire Harness (Incl. Ref. #5 & 6) | 1 |
| 4 | 66-8690 | Lamp Harness (Incl. Ref. #10) | 1 |
| 5 | 67-7120 | Fusible Link | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 6 | 67-7130 | Diode | 1 |
| 7 | 218-574 | Fuse 7.5A | 1 |
| 8 | 218-573 | Fuse 5.0A | 2 |
| 9 | 67-7180 | Wire - Seat | 1 |
| 10 | 219-17 | Bulb - Light | 4 |
| 11 | 68-7370 | Wire - Glow | 1 |
| 12 | 68-7380 | Assembly - Connector | 1 |



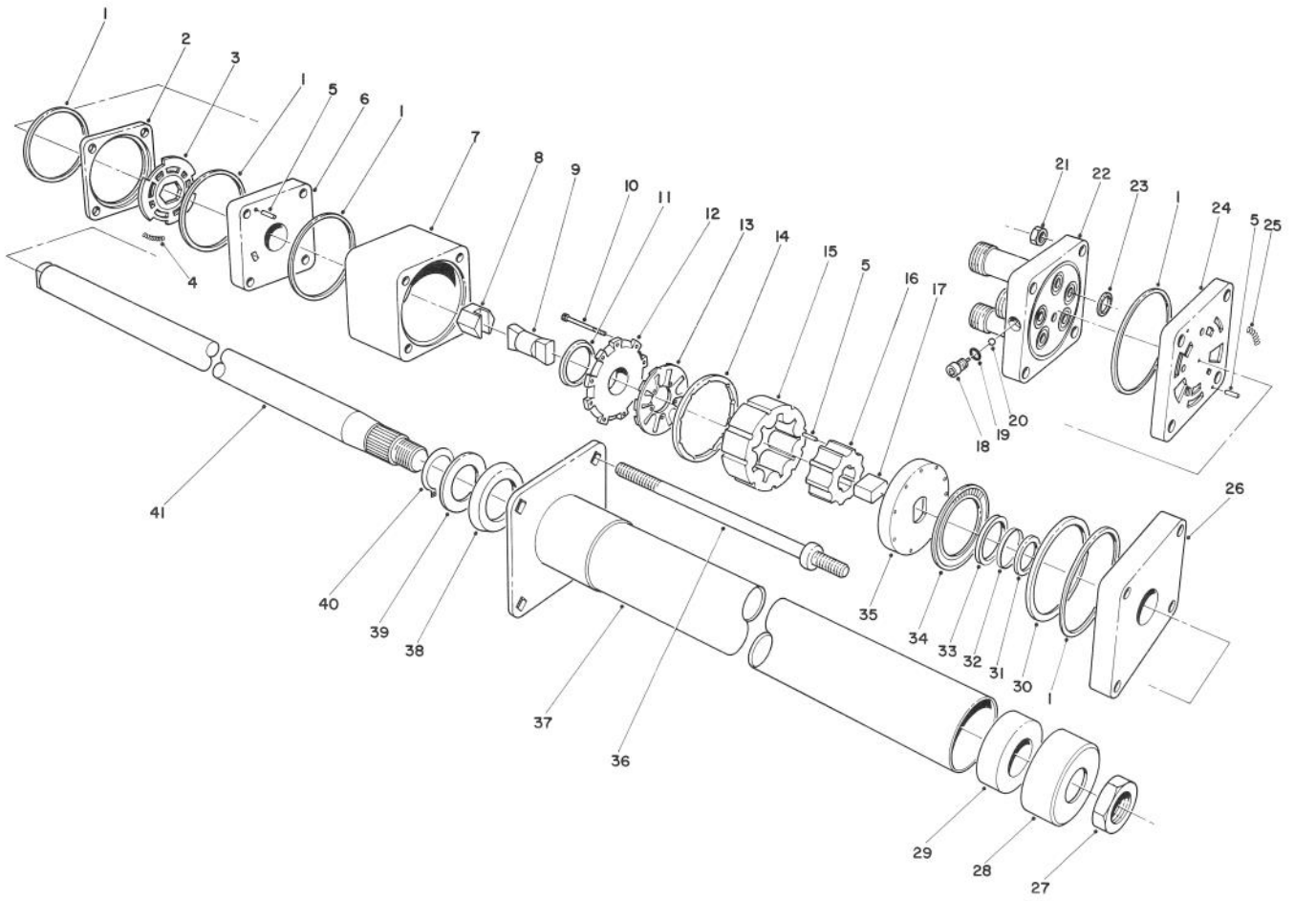

T-1247

# POWER STEERING & BRAKE PEDAL ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3256-23 | Washer - Flat | 4 |
| 2 | 3296-20 | Nut - Lock | 4 |
| 3 | 63-9250 | Valve - Power Steering (Incl. Ref. #7) | 1 |
| 4 | 54-8970 | U-Bolt | 1 |
| 5 | 3220-6 | Nut -Hex. | 1 |
| 6 | 75-0560 | Wheel - Steering (Incl. Ref. #7 & 41) | 1 |
| 7 | 68-5140 | Cap - Steering Wheel (Incl. Ref. #41) | 1 |
| 8 | 233-17 | Knob | 1 |
| 9 | 63-7910 | Rod - Brake Latch | 1 |
| 10 | 32128-20 | Nut - Flange | 2 |
| 12 | 3-3251 | Spring | 1 |
| 13 | 3272-5 | Pin - Cotter | 3 |
| 14 | 3256-26 | Washer - Flat | 1 |
| 15 | 63-7900 | Rack - Brake | 1 |
| 16 | 63-7730 | Assy. - Cable, Brake L.H. | 1 |
| * | 63-7731 | Assy. - Cable, Brake R.H. | 1 |
| 17 | 283-58 | Pin - Clevis | 4 |
| 18 | 3272-10 | Pin - Cotter | 5 |
| 19 | 63-6750 | Link - Brake Cable | 2 |
| 20 | 3-7243 | Spring - Return | 2 |
| 21 | 321-3 | Screw - Cap Hex. Hd. | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 22 | 63-6210 | Pin - Brake | 1 |
| 23 | 63-7880 | Pin - Brake Latch | 1 |
| 24 | 32121-50 | Pin - Roll | 1 |
| 25 | 3296-42 | Nut - Lock | 1 |
| 26 | 63-6180 | Pedal - L.H. Brake (Incl. Ref. #27 & 30) | 1 |
| 27 | 256-42 | Bushing | 4 |
| 28 | 7-3900 | Foot Pad - Brake | 2 |
| 29 | 63-6190 | Pedal - R.H.Brake (Incl. Ref. #27 & 30) | 1 |
| 30 | 302-5 | Fitting - Grease | 2 |
| 31 | 66-8140 | Hose | 1 |
| 32 | 66-8630 | Tube - Hydraulic (Str.-Lift) | 1 |
| 33 | 66-8620 | Tube Hydraulic (Pump-Str.) | 1 |
| 34 | 2412-36 | Clamp | 2 |
| 35 | 3256-22 | Washer - Flat | 3 |
| 36 | 237-30 | O-Ring | 2 |
| 37 | 66-8170 | Hose - Hydraulic | 2 |
| * | 44-8530 | Sock - Hose | 1 |
| 38 | 237-22 | O-Ring | 2 |
| 39 | 21-9260 | Cover - Dust | 1 |
| 40 | 68-5370 | Decal - Toro | 1 |
| 41 | 32144-21 | Screw - Pan Hd. Phillips | 1 |

*Not Illustrated



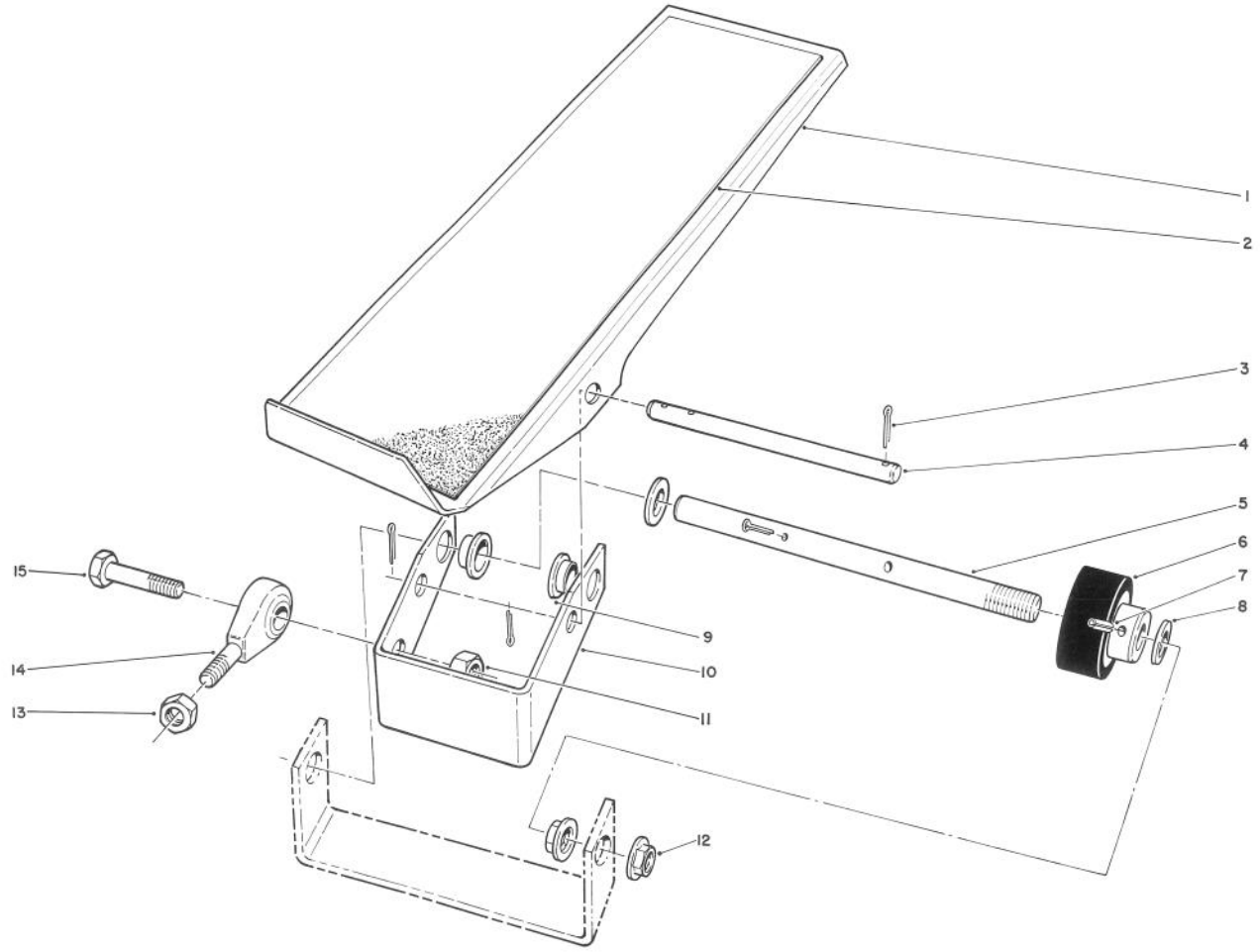
T-0417

# STEERING VALVE ASSEMBLY NO. 63-9250

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | | Ring - Seal | |
| 2 | | Ring - Valve | |
| 3 | | Plate - Valve | |
| 4 | | Spring | 3 |
| 5 | | Pin - Alignment | 9 |
| 6 | | Manifold - Isolation | 1 |
| 7 | | Ring - Metering | 1 |
| 8 | | Assembly - Hex. Drive | 1 |
| 9 | | Link - Drive | 1 |
| 10 | | Screw - Hex. Socket Hd. | 11 |
| 11 | | Seal - Commutator | 1 |
| 12 | | Cover - Commutator | 1 |
| 13 | | Commutator | 1 |
| 14 | | Ring - Commutator | 1 |
| 15 | | Stator | 1 |
| 16 | | Rotor | 1 |
| 17 | | Spacer - Drive Link | 1 |
| 18 | | Plug | 1 |
| 19 | | O-Ring | 1 |
| 20 | | Ball | 1 |
| 21 | | Nut - Hex. | 4 |
| 22 | | Cover - Port | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 23 | | O-Ring | 5 |
| 24 | | Manifold - Port | 1 |
| 25 | | Spring | 3 |
| 26 | | Plate - Upper Cover | 1 |
| 27 | 3220-6 | Nut | 1 |
| 28 | 66-9770 | Seal | 1 |
| 29 | 66-9780 | Bushing | 1 |
| 30 | | Spacer - Bearing, Thrust | 1 |
| 31 | | Spacer- Seal | 1 |
| 32 | | Ring - Backup | 1 |
| 33 | | Seal - Face | 1 |
| 34 | | Bearing - Thrust | 1 |
| 35 | | Plate - Drive | 1 |
| 36 | 66-9850 | Bolt - Special | 4 |
| 37 | 66-9860 | Upper Cover & Jacket | 1 |
| 38 | 66-9870 | Plate - Retaining | 1 |
| 39 | 66-9880 | Washer - Retaining Plate | 1 |
| 40 | 66-9890 | Ring - Retaining | 1 |
| 41 | 66-9900 | Shaft - Input | 1 |
| * | 66-9970 | Kit - Spring | 1 |
| * | 66-9980 | Kit - Seal | 1 |
| * | 66-9990 | Kit - Needle Roller | 1 |

*Not Illustrated

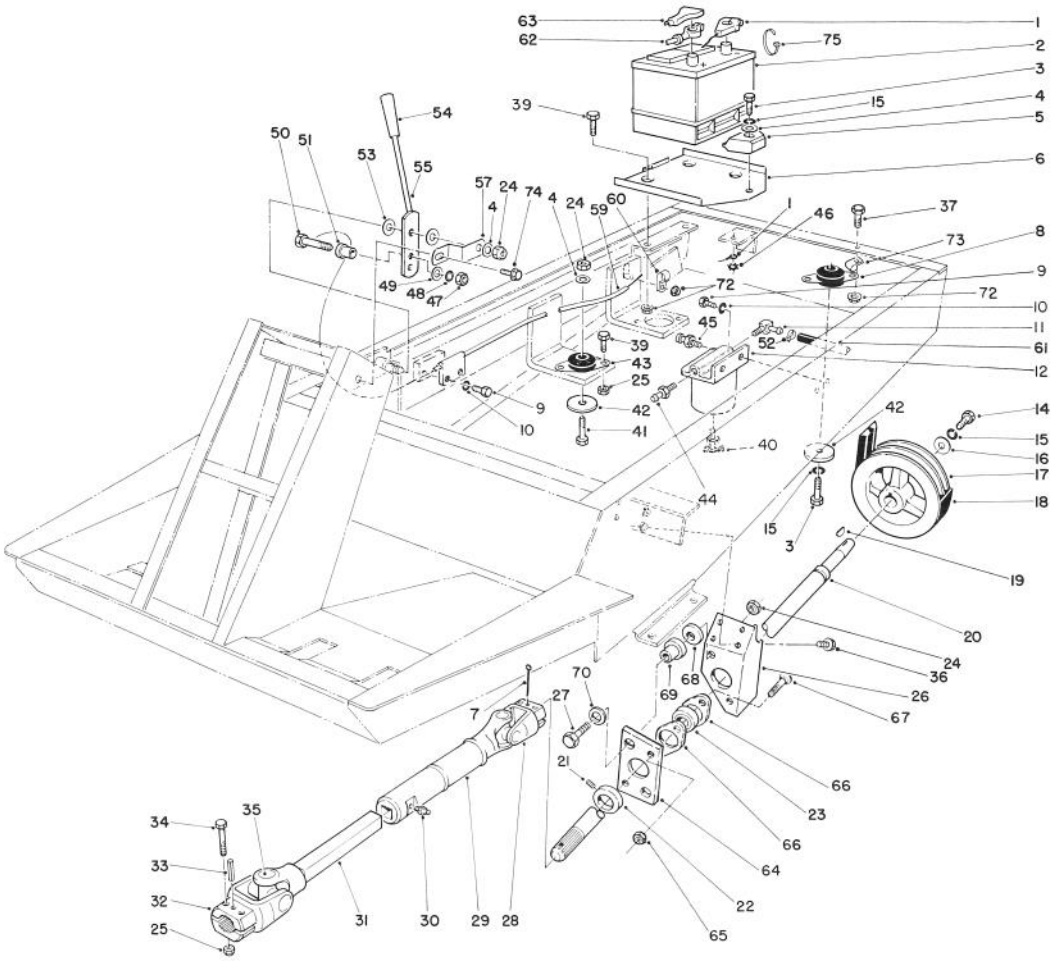



T-1248

# TRACTION PEDAL ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 63-7930 | Pedal - Traction | 1 |
| 2 | 28-5130 | Pad - Traction Pedal | 1 |
| 3 | 3272-10 | Pin - Cotter | 4 |
| 4 | 29-5630 | Pin - Pedal Pivot | 1 |
| 5 | 63-6160 | Shaft - Traction Pedal | 1 |
| 6 | 28-5220 | Wheel - Friction | 1 |
| 7 | 32121-16 | Pin - Roll | 1 |
| 8 | 5-7570 | Washer | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 256-156 | Bushing - Flange | 2 |
| 10 | 63-6170 | Assembly - Pivot Bracket (Incl. Ref. #9) | 1 |
| 11 | 3296-39 | Nut - Lock | 1 |
| 12 | 32128-49 | Nut - Flange | 2 |
| 13 | 3220-3 | Nut - Jam | 1 |
| 14 | 2411-36 | End - Rod | 1 |
| 15 | 323-18 | Screw - Cap Hex. Hd. | 1 |



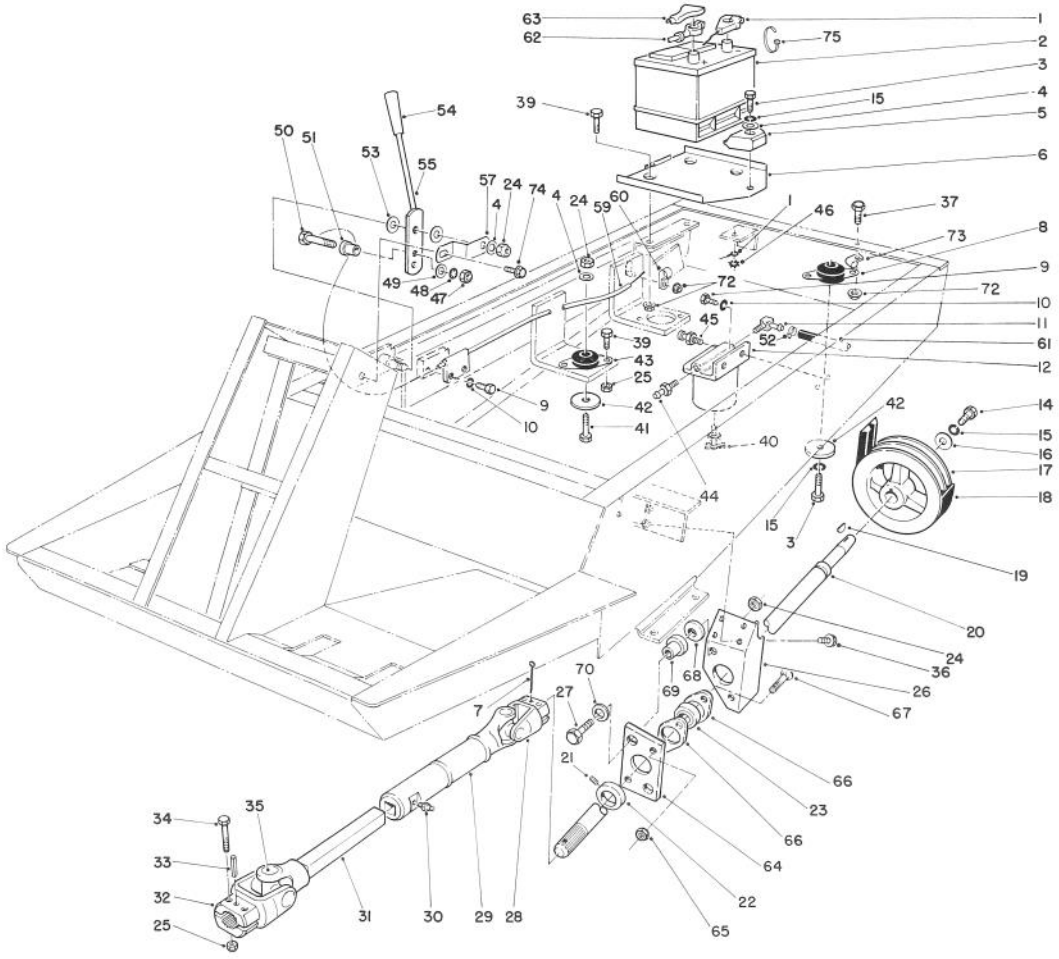
T-0530A

# POWER TAKE OFF, BATTERY, AND ENGINE MOUNT ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 63-7340 | Wire - Ground | 1 |
| †2 | | Battery Type 26 SMF-5 | 1 |
| 3 | 323-9 | Screw - Cap Hex. Hd. | 2 |
| 4 | 3256-24 | Washer - Flat | 4 |
| 5 | 66-2490 | Clamp - Battery Retainer | 1 |
| 6 | 66-2330 | Base - Battery | 1 |
| 7 | 3272-15 | Pin - Cotter | 1 |
| 8 | 63-7141 | Mount - Shock (Red) | 1 |
| 9 | 321-4 | Screw - Cap Hex. Hd. | 4 |
| 10 | 3253-3 | Washer - Lock | 4 |
| 11 | 353-781 | Fitting 90° | 1 |
| 12 | 63-8280 | Assembly - Head | 1 |
| 13 | 63-8300 | Element - Spin-On | 1 |
| 14 | 323-18 | Screw - Cap Hex. Hd. | 1 |
| 15 | 3253-21 | Washer - Lock | 3 |
| 16 | 29-4730 | Washer - PTO | 1 |
| 17 | 43-5320 | Pulley - PTO | 1 |
| 18 | 63-6240 | Belt - PTO | 1 |
| 19 | 3257-5 | Key - Woodruff | 1 |
| 20 | 63-6220 | Shaft - PTO | 1 |
| 21 | 3246-1 | Screw - Set | 1 |
| 22 | 251-77 | Collar - Locking | 1 |
| 23 | 251-253 | Bearing - PTO Shaft (Incl. Ref. #21 & 22) | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 24 | 3296-39 | Nut - Lock | 7 |
| 25 | 3296-29 | Nut - Lock | 12 |
| 26 | 63-6530 | Bracket - PTO Bearing | 1 |
| 27 | 323-10 | Screw - Cap Hex. Hd. | 2 |
| 28 | 54-9090 | Yoke - End | 1 |
| 29 | 54-9170 | Tube - Slip Yoke | 1 |
| 30 | 302-58 | Fitting - Grease | 1 |
| 31 | 54-9050 | Shaft - Slip Yoke | 1 |
| 32 | 54-9040 | Yoke - End | 1 |
| 33 | 32121-34 | Pin - Roll | 1 |
| 34 | 322-9 | Screw - Cap Hex. Hd. | 4 |
| 35 | 54-9180 | Kit - Universal Joint | 2 |
| 36 | 3234-5 | Screw - Flange Hd. | 4 |
| 37 | 322-3 | Screw - Cap Hex. Hd. | 1 |
| 39 | 322-5 | Screw - Cap Hex. Hd. | 15 |
| 40 | 63-8310 | Valve - Drain | 1 |
| 41 | 323-11 | Screw - Cap Hex. Hd. | 3 |
| 42 | 63-7400 | Washer - Rebound | 4 |
| 43 | 63-7140 | Mount - Shock (Blue) | 3 |
| 44 | 353-783 | Fitting - Straight | 1 |
| 45 | 63-8290 | Vent - Air | 1 |
| 46 | 3255-8 | Washer - Lock, Ext. Tooth | 1 |
| 47 | | Nut - Hex. | 1 |
| 48 | | Washer - Lock I.T.L.W. | 1 |
| 49 | | Washer - Flat | 1 |

†Obtain Locally



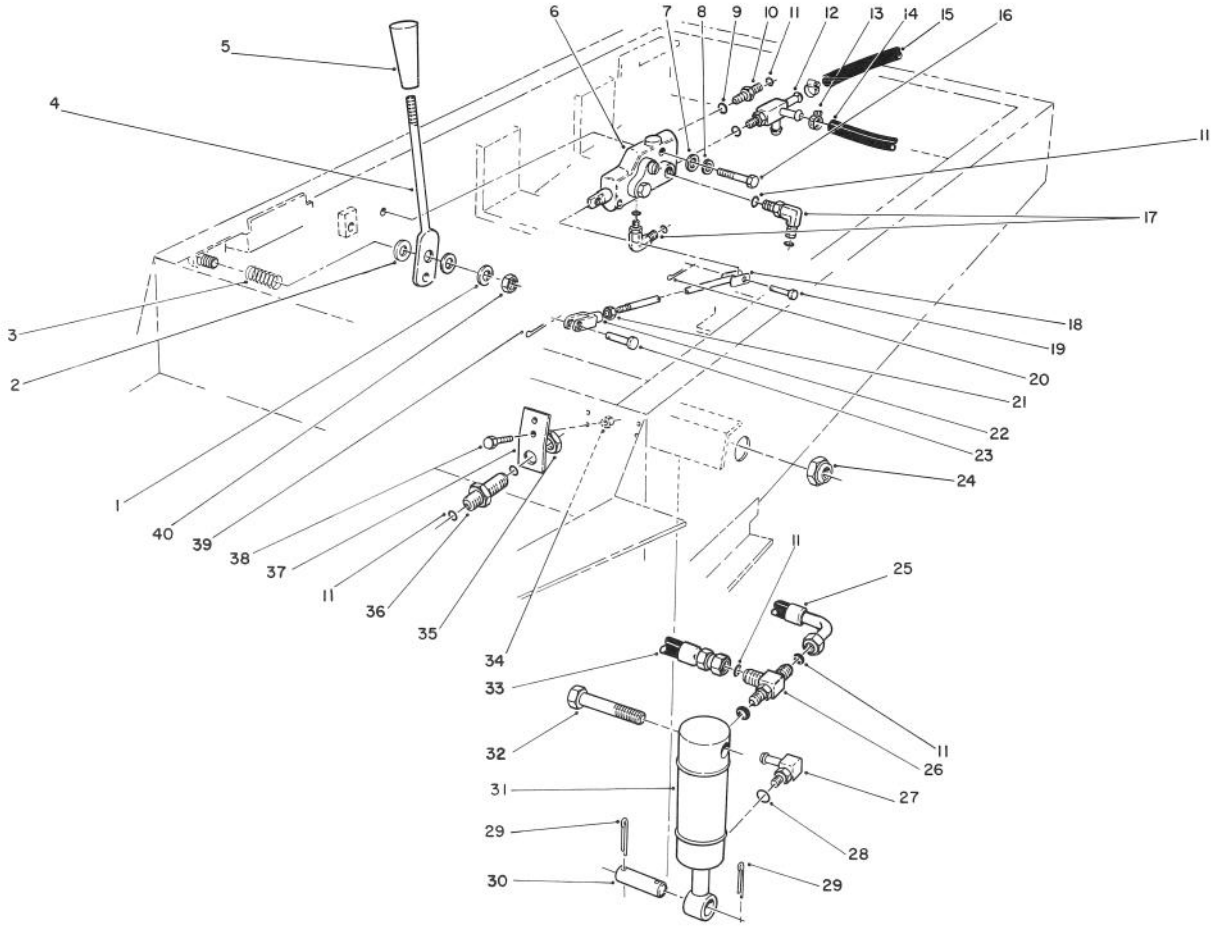
T-0530A

# POWER TAKE OFF, BATTERY, AND ENGINE MOUNT ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 50 | | Screw – Special | 1 |
| 51 | | Sleeve – Connector | 1 |
| 52 | 2412–108 | Clamp | 2 |
| 53 | 66–2920 | Washer – Friction | 2 |
| 54 | 233–39 | Knob | 1 |
| 55 | 71–3500 | Lever – Throttle | 1 |
| 57 | 66–2670 | Bracket – Throttle | 1 |
| 59 | 76–1000 | Cable – Throttle | 1 |
| 60 | 67–7210 | R-Clamp | 2 |
| 61 | 63–7610 | Hose | 1 |
| 62 | 43–4031 | Cable – Battery Positive | 1 |
| 63 | 28–1280 | Boot – Positive Cable | 1 |
| 64 | 67–1640 | Plate – Bushing Support | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 65 | 32149–1 | Nut –Lock | 2 |
| 66 | 251–326 | Flange – Bearing | 2 |
| 67 | 3230–2 | Bolt – Carriage | 2 |
| 68 | 67–1630 | Spacer – PTO | 2 |
| 69 | 63–9750 | Mount | 2 |
| 70 | 63–8410 | Washer – Flat | 2 |
| 72 | 32128–20 | Nut – Flange | 5 |
| 73 | 2412–104 | R-Clamp | 2 |
| 74 | 3234–13 | Screw – Flange Hd. | 1 |
| 75 | 3290–378 | Tie – Cable | 1 |
| * | 63–6760 | Swivel – Throttle Cable (Incl. Ref. #47–51) | 1 |

*Not Illustrated



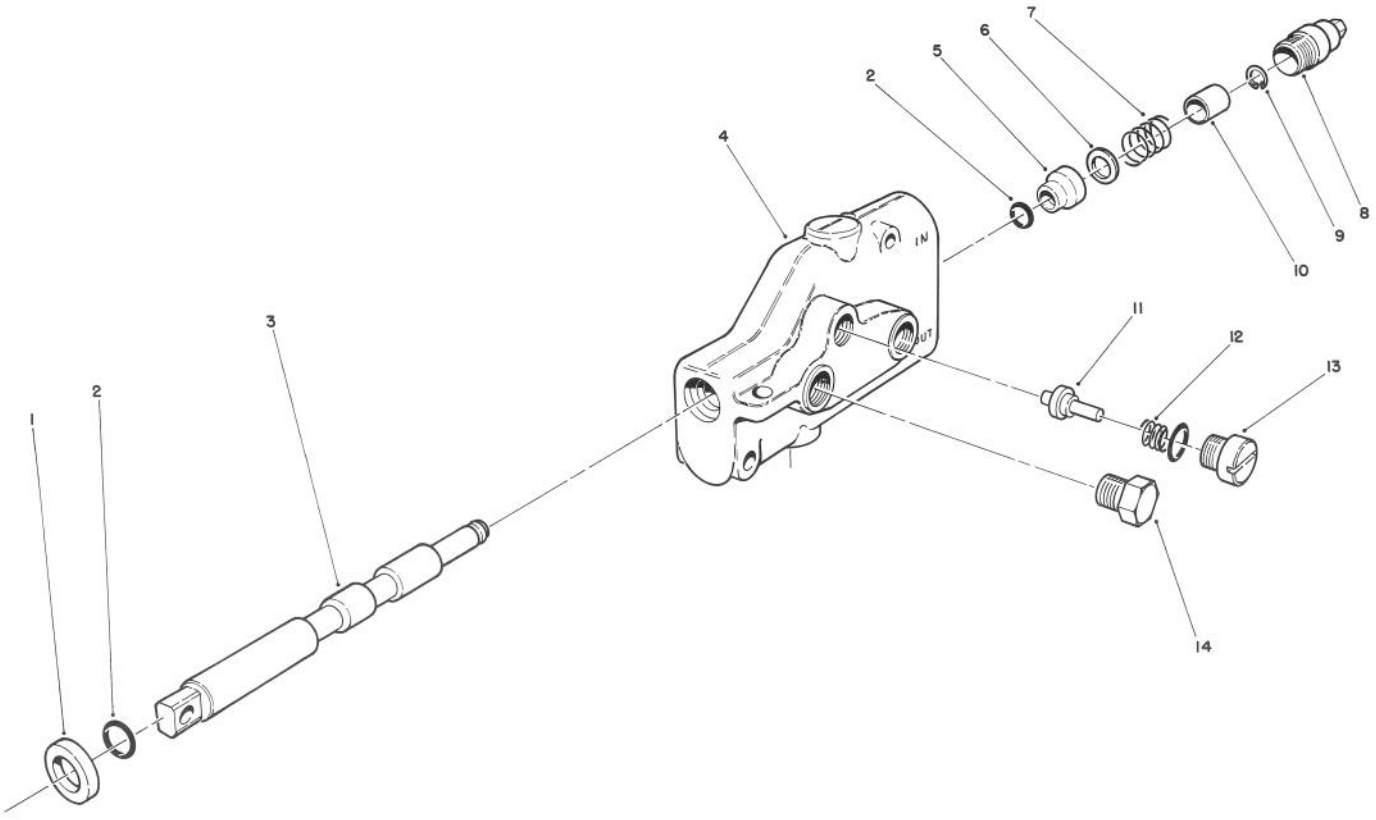
T-0531

# HYDRAULIC LIFT SYSTEM ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3256-23 | Washer - Flat | 1 |
| 2 | 3256-26 | Washer - Flat | 2 |
| 3 | 70-7530 | Spring - Compression | 1 |
| 4 | 66-2720 | Lever - Lift | 1 |
| 5 | 233-39 | Knob | 1 |
| 6 | 63-7960 | Valve - Lift | 1 |
| 7 | 3256-22 | Washer - Flat | 2 |
| 8 | 3253-3 | Washer - Lock | 2 |
| 9 | 237-65 | Seal - O-Ring | 5 |
| 10 | 340-2 | Fitting - Straight (Incl. Ref. #9 & 11) | 1 |
| 11 | 237-22 | Seal - O-Ring | 7 |
| 12 | 66-3130 | Fitting - Tee (Incl. Ref. #9) | 1 |
| 13 | 2412-36 | Clamp - Hose | 3 |
| 14 | 66-8150 | Hose - Hydraulic | 1 |
| 15 | 66-8500 | Hose | 1 |
| 16 | 321-11 | Screw - Cap Hex. Hd. | 2 |
| 17 | 340-77 | Fitting - 90° Elbow (Incl. Ref. #9 & 11) | 2 |
| 18 | 76-4830 | Rod - Tie | 1 |
| 19 | 283-16 | Pin - Clevis | 1 |
| 20 | 3272-5 | Pin - Cotter | 1 |
| 21 | 3220-2 | Nut - Jam, R.H. | 1 |
| 22 | 282-27 | Clevis | 1 |
| 23 | 283-58 | Pin - Clevis | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 24 | 3296-51 | Nut - Lock | 2 |
| 25 | 66-8190 | Assembly - Hose, Hydraulic | 1 |
| 26 | 340-86 | Fitting - Tee (Incl. Ref. #9 & 11) (Used On Cap End of Left Cyl.) | 1 |
| * | 340-77 | Fitting - 90° Elbow (Incl. Ref. #9 & 11) (Used On Cap End of Right Cyl.) | 1 |
| 27 | 304-99 | Fitting - 90° Elbow (Incl. Ref. #28) | 2 |
| 28 | 237-22 | O-Ring | 2 |
| 29 | 3272-23 | Pin - Cotter | 4 |
| 30 | 27-4240 | Pin - Cylinder | 2 |
| 31 | 63-6630 | Cylinder - Lift | 2 |
| 32 | 328-7 | Screw - Cap Hex. Hd. | 2 |
| 33 | 66-8640 | Assembly - Hose, Hydraulic | 1 |
| 34 | 3296-42 | Nut - Lock | 2 |
| 35 | 340-70 | Nut - Fitting | 1 |
| 36 | 340-71 | Fitting - Bulkhead (Incl. Ref. #11 & 35) | 1 |
| 37 | 63-7410 | Bracket - Bulkhead | 1 |
| 38 | 321-4 | Screw - Cap Hex. Hd. | 2 |
| 39 | 3272-31 | Pin - Cotter | 1 |
| 40 | 3296-29 | Nut - Lock | 1 |

*Not Illustrated



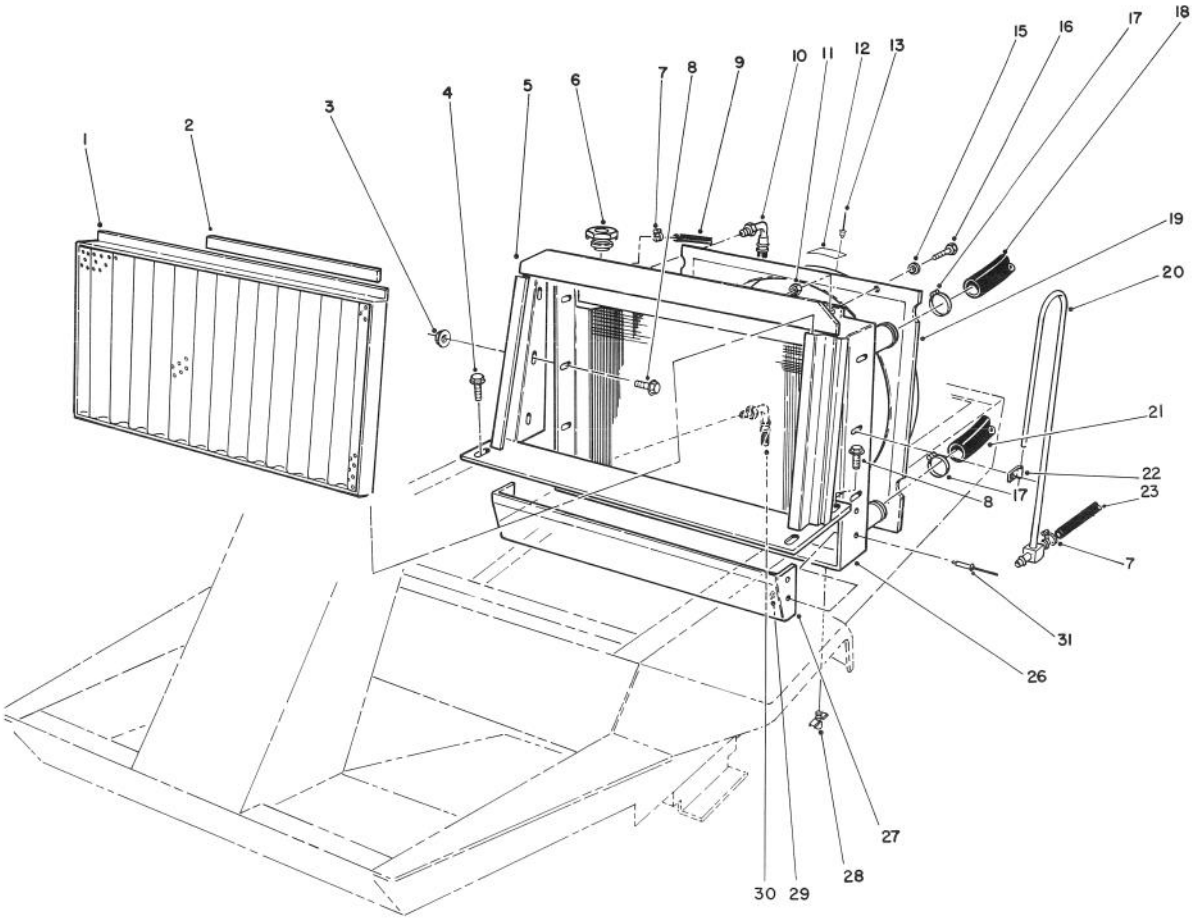

T-0532

# LIFT VALVE ASSEMBLY NO. 63-7960

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 58-6320 | Wiper - Seal | 1 |
| 2 | 58-6450 | O-Ring | 2 |
| 3 | | Spool | 1 |
| 4 | | Body | 1 |
| 5 | 58-6400 | Bushing | 1 |
| 6 | 65-2770 | Washer | 1 |
| 7 | 65-2950 | Spring | 1 |
| 8 | 58-6420 | Assembly - Cap | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 58-6460 | Ring - Retaining | 1 |
| 10 | 65-2740 | Spacer | 1 |
| 11 | 65-2750 | Plunger | 1 |
| 12 | 65-2760 | Spring | 1 |
| 13 | 65-2930 | Assembly - Plug | 1 |
| 14 | 58-6710 | Assembly - Plug | 1 |
| * | 63-7960 | Assembly - Lift Valve (Incl. Ref. #3 & 4) | 1 |

*Not Illustrated

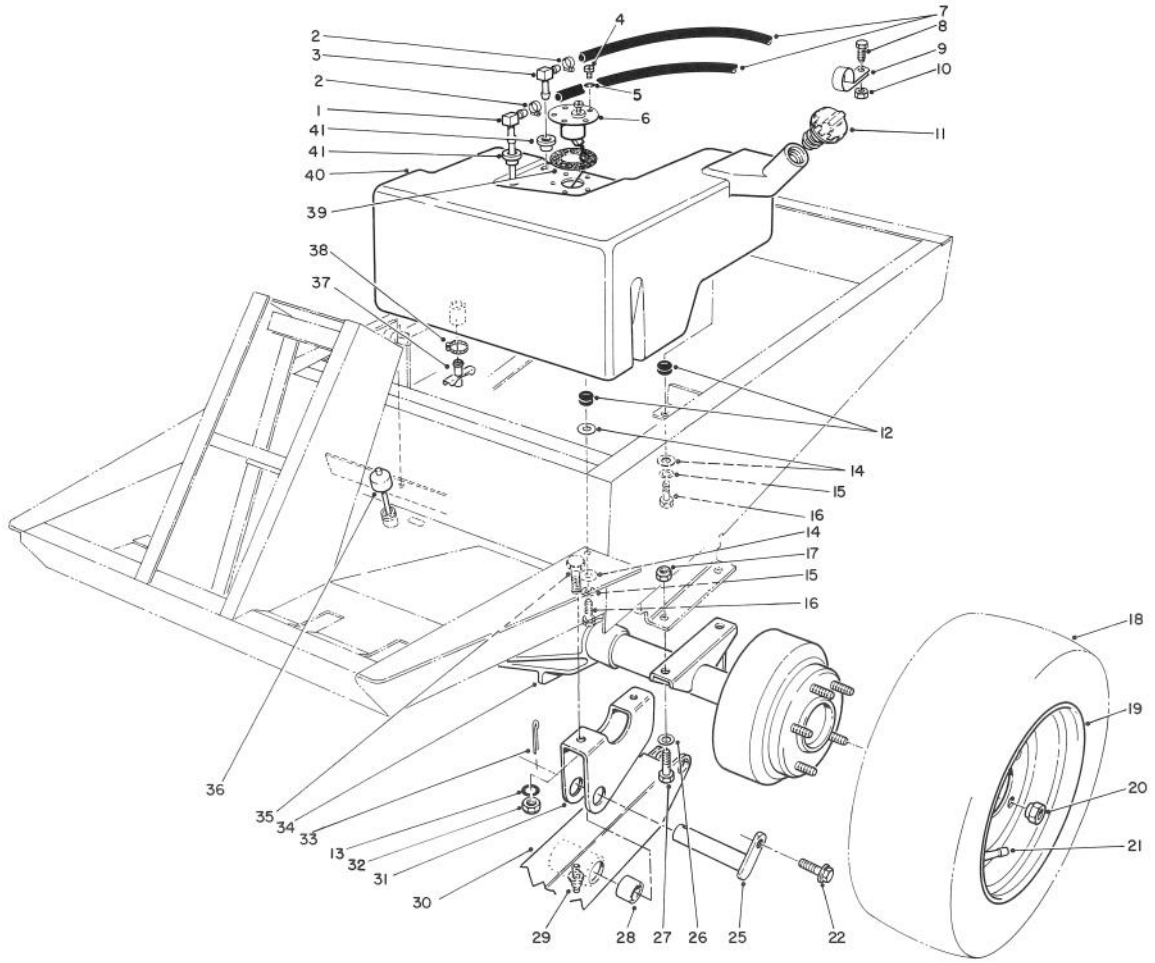



T-0533A

# RADIATOR ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 63-7700 | Assembly - Frame, Screen | 1 |
| 2 | 63-7710 | Magnetic Strip | 1 |
| 3 | 32128-20 | Nut - Lock, Whiz | 6 |
| 4 | 3234-17 | Screw - Flange Hd. | 2 |
| 5 | 63-6450 | Assy. - Support, Radiator | 1 |
| 6 | 66-3240 | Cap - Radiator | 1 |
| 7 | 2412-108 | Clamp - Hose | 6 |
| 8 | 3234-5 | Screw - Flange Hd. | 8 |
| 9 | 71-3384 | Hose | 1 |
| 10 | 66-8180 | Assembly - Hose | 1 |
| 11 | 3296-42 | Nut - Lock | 4 |
| 12 | 76-8750 | Plate - Warning | 1 |
| 13 | 3290-55 | Rivet | 2 |
| 15 | 3256-22 | Washer - Flat | 4 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 16 | 321-4 | Screw - Cap Hex. Hd. | 4 |
| 17 | 2412-34 | Clamp - Hose | 4 |
| 18 | 63-6010 | Hose - Upper | 1 |
| 19 | 63-6510 | Shroud - Fan | 1 |
| 20 | 77-0290 | Tube - Vent | 1 |
| 21 | 63-6020 | Hose - Lower | 1 |
| 22 | 2412-103 | R-Clamp | 2 |
| 23 | 63-7600 | Hose - Fuel | 1 |
| 26 | 63-6150 | Assembly - Radiator | 1 |
| 27 | 63-6440 | Shield - Radiator | 1 |
| 28 | 304-46 | Drain Cock | 1 |
| 29 | 3256-13 | Washer - Flat | 7 |
| 30 | 66-8500 | Assembly - Hose | 1 |
| 31 | 3269-8 | Rivet | 7 |



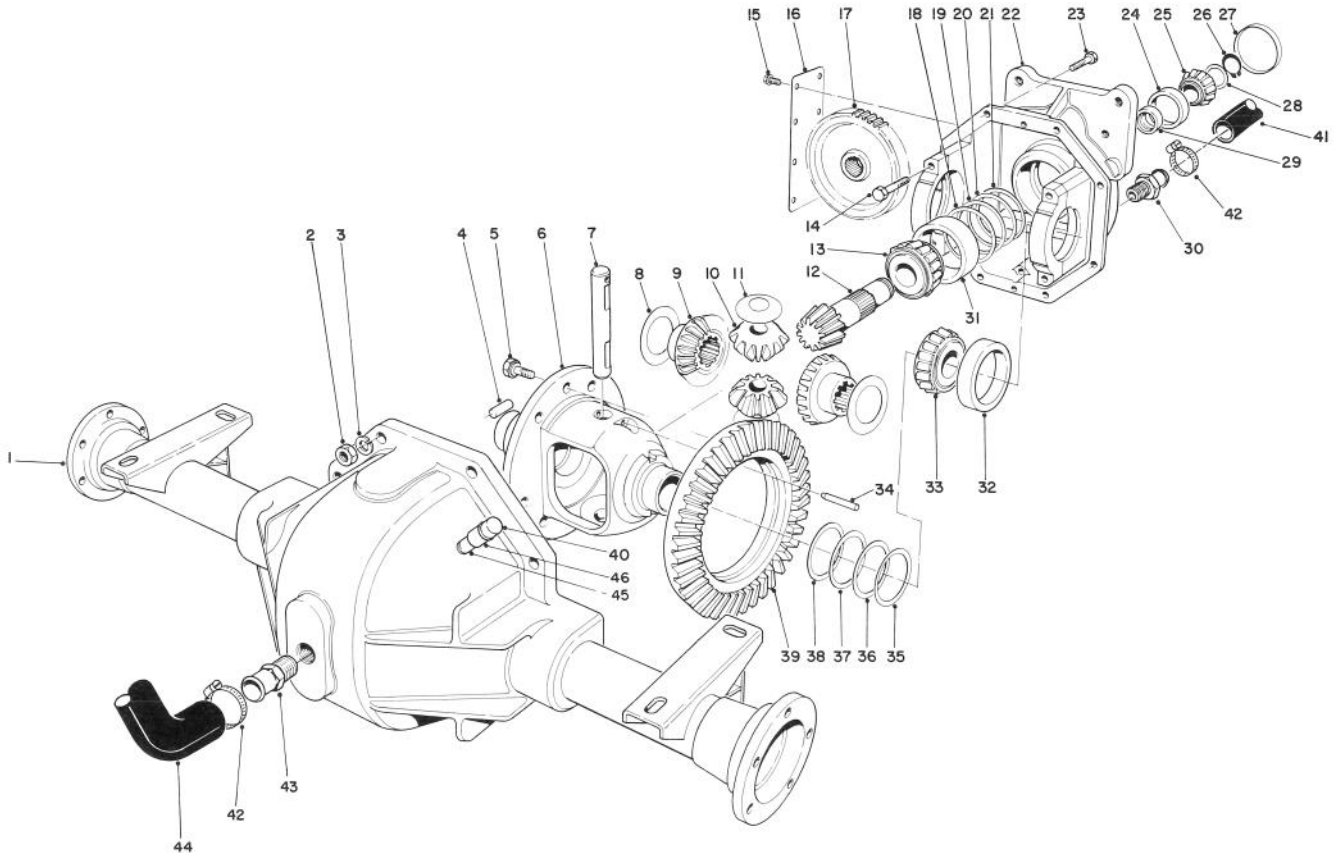

T-0534A

# FUEL TANK AND AXLE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 66-8120 | Standpipe | 1 |
| 2 | 2412-108 | Clamp | 4 |
| 3 | 46-6550 | Connector 90° | 1 |
| 4 | 32122-24 | Screw - Machine | 5 |
| 5 | 3253-15 | Washer - Lock | 5 |
| 6 | 63-7640 | Sender - Fuel | 1 |
| 7 | 63-7630 | Hose | 2 |
| 8 | 322-5 | Screw - Cap Hex. Hd. | 1 |
| 9 | 2412-96 | R-Clamp | 1 |
| 10 | 32128-20 | Nut - Lock | 1 |
| 11 | 70-8621 | Cap - Fuel | 1 |
| 12 | 237-136 | Grommet | 3 |
| 13 | 3253-8 | Washer - Lock | 4 |
| 14 | 3256-67 | Washer - Flat | 3 |
| 15 | 3253-3 | Washer - Lock | 5 |
| 16 | 321-5 | Screw - Cap Hex. Hd. | 3 |
| 17 | 3296-48 | Nut - Lock | 4 |
| 18 | 231-101 | Tire | 2 |
| 19 | 217-117 | Rim | 2 |
| 20 | 23-7270 | Nut - Lug | 10 |
| 21 | 232-31 | Valve Stem w/Cap | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 22 | 3234-13 | Screw - Flange Hd. | 2 |
| 25 | 27-4310 | Pin - Pivot | 2 |
| 26 | 3256-25 | Washer - Flat | 4 |
| 27 | 324-5 | Screw - Cap Hex. Hd. | 4 |
| 28 | 256-101 | Bushing | 4 |
| 29 | 302-62 | Fitting - Grease | 2 |
| 30 | 76-3090 | Lift Arm - L.H. (Incl. Ref. #28 & 29) | 1 |
| * | 76-3080 | Lift Arm - R.H. (Incl. Ref. #28 & 29) | 1 |
| 31 | 67-1830 | Carrier Bracket | 2 |
| 32 | 3296-41 | Nut - Hex. | 4 |
| 33 | 3272-17 | Pin - Cotter | 2 |
| 34 | 70-2740 | Assembly - Axle | 1 |
| 35 | 3214-5 | Screw - Cap Hex. Hd. | 4 |
| 36 | 66-3060 | Dipstick - Differential | 1 |
| 37 | 304-46 | Fitting - Drain | 1 |
| 38 | 2412-36 | Clamp | 1 |
| 39 | 62-7650 | Gasket | 1 |
| 40 | 63-7372 | Tank - Fuel | 1 |
| 41 | 46-6560 | Bushing | 2 |

*Not Illustrated



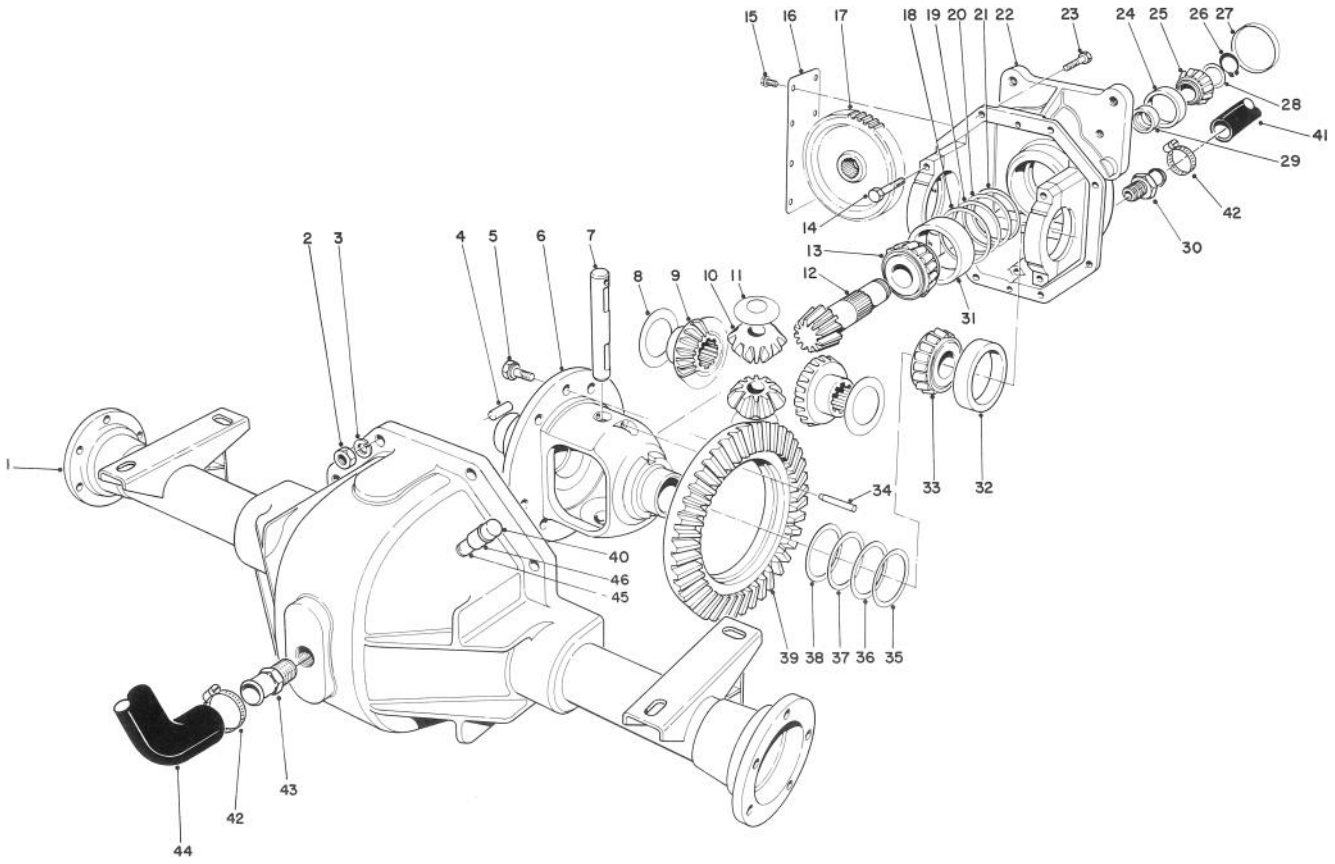

T-0604

# DIFFERENTIAL ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 63-8090 | Assembly - Lower Housing | 1 |
| 2 | 3219-2 | Nut | 8 |
| 3 | 3255-8 | Washer - Lock | 8 |
| 4 | 21-8270 | Pin - Dowel | 2 |
| 5 | 21-7770 | Screw - Drive Gear | 5 |
| 6 | 21-7670 | Differential Case | 1 |
| 7 | 21-7700 | Shaft - Pinion Mate | 1 |
| 8 | 21-7720 | Washer - Thrust | 2 |
| 9 | 24-8790 | Gear - Bevel, Differential | 2 |
| 10 | 21-7690 | Gear - Pinion | 2 |
| 11 | 21-7730 | Washer - Thrust | 2 |
| 12 | | Drive Pinion | 1 |
| 13 | 43-6760 | Cone - Bearing, Tapered | 1 |
| 14 | 324-23 | Screw - Cap Hex. Hd. | 4 |
| 15 | 12-5450 | Screw - Thread Forming | 8 |
| 16 | 21-7830 | Cover - Gear | 1 |
| 17 | 21-8150 | Gear - Spur | 1 |
| 18 | 43-6710 | Shim Adjusting Differential Bearing .003 | A/R |
| 19 | 43-6711 | Shim Adjusting Differential Bearing .005 | A/R |
| 20 | 43-6712 | Shim Adjusting Differential Bearing .010 | A/R |
| 21 | 43-6713 | Shim Adjusting Differential Bearing .030 | A/R |
| 22 | 70-2760 | Upper Housing Assembly (Incl. Ref. #14) | 1 |
| 23 | 3210-7 | Screw - Cap Hex. Hd. | 8 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 24 | 254-90 | Cup - Bearing | 1 |
| 25 | 254-91 | Cone - Bearing | 1 |
| 26 | 43-6550 | Ring - Retaining | 1 |
| 27 | 21-7850 | Cap Plug | 1 |
| 28 | 46-2210 | Shim Front Pinion Bearing (.031) | A/R |
| * | 46-2211 | Shim Front Pinion Bearing (.033) | A/R |
| * | 46-2212 | Shim Front Pinion Bearing (.035) | A/R |
| * | 46-2213 | Shim Front Pinion Bearing (.037) | A/R |
| * | 46-2214 | Shim Front Pinion Bearing (.039) | A/R |
| * | 46-2215 | Shim Front Pinion Bearing (.041) | A/R |
| * | 46-2216 | Shim Front Pinion Bearing (.043) | A/R |
| * | 46-2220 | Shim Front Pinion Bearing (.045) | A/R |
| * | 46-2221 | Shim Front Pinion Bearing (.047) | A/R |
| * | 46-2222 | Shim Front Pinion Bearing (.049) | A/R |
| * | 46-2223 | Shim Front Pinion Bearing (.051) | A/R |
| * | 46-2224 | Shim Front Pinion Bearing (.053) | A/R |

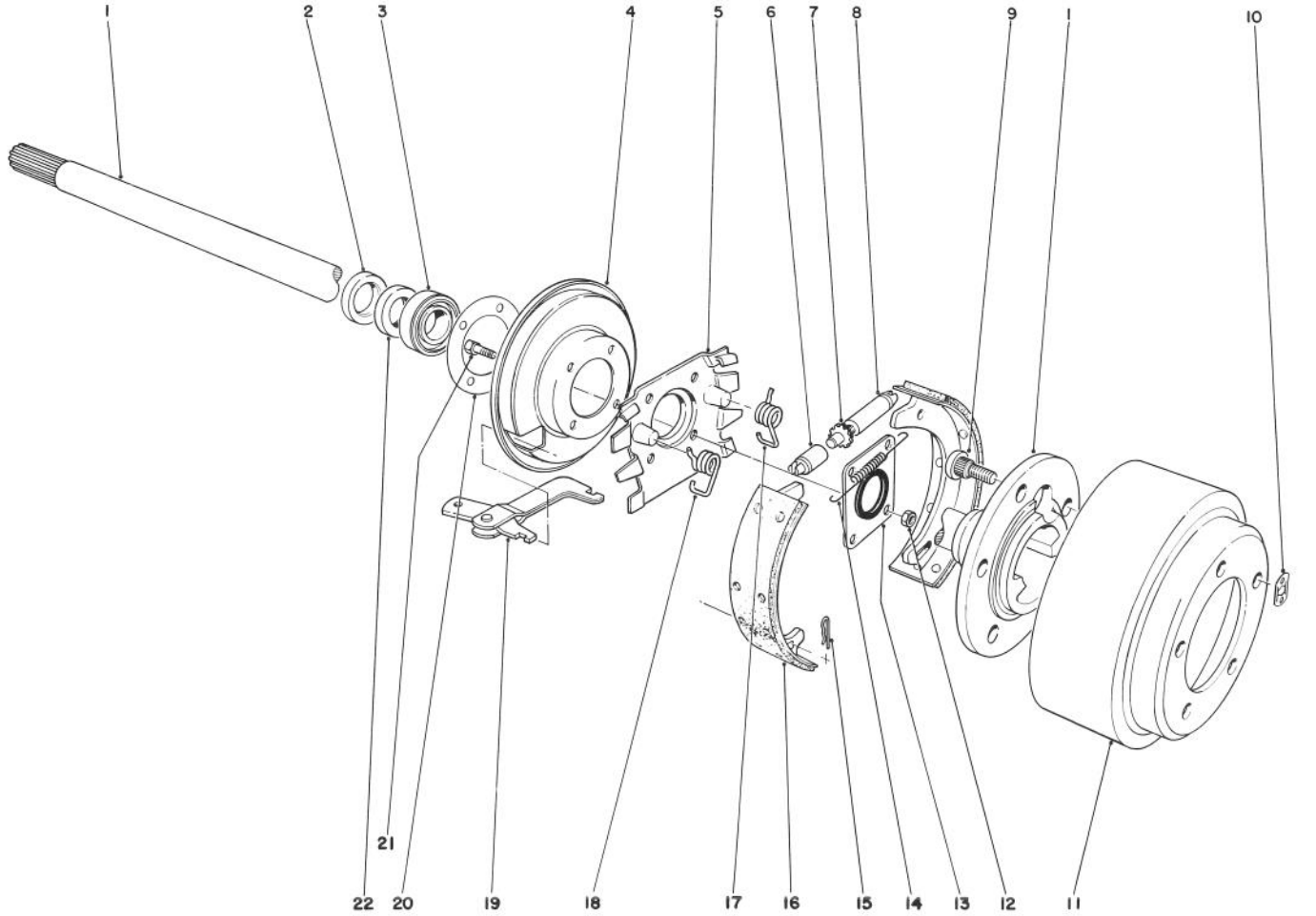
*Not Illustrated




T-0604

# DIFFERENTIAL ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| * | 46-2225 | Shim Front Pinion Bearing (.055) | A/R |
| * | 46-2226 | Shim Front Pinion Bearing (.057) | A/R |
| * | 46-2410 | Shim Front Pinion Bearing (.062) | A/R |
| | 46-2411 | Shim Front Pinion Bearing (.064) | A/R |
| * | 46-2412 | Shim Front Pinion Bearing (.066) | A/R |
| * | 46-2413 | Shim Front Pinion Bearing (.068) | A/R |
| * | 46-2414 | Shim Front Pinion Bearing (.070) | A/R |
| * | 46-2415 | Shim Front Pinion Bearing (.072) | A/R |
| * | 46-2416 | Shim Front Pinion Bearing (.074) | A/R |
| * | 46-2420 | Shim Front Pinion Bearing (.076) | A/R |
| | 46-2421 | Shim Front Pinion Bearing (.078) | A/R |
| * | 46-2422 | Shim Front Pinion Bearing (.080) | A/R |
| * | 46-2423 | Shim Front Pinion Bearing (.082) | A/R |
| * | 46-2424 | Shim Front Pinion Bearing (.084) | A/R |
| * | 46-2425 | Shim Front Pinion Bearing (.086) | A/R |
| * | 46-2426 | Shim Front Pinion Bearing (.088) | A/R |
| 29 | 21-8020 | Spacer - Frt. Pinion Bearing | 1 |
| 30 | 354-18 | Fitting - Straight | 1 |
| 31 | 43-6750 | Cup - Tapered, Bearing | 1 |
| 32 | 254-66 | Cup - Tapered, Bearing | 2 |
| 33 | 254-65 | Cone - Tapered, Bearing | 2 |
| 34 | 21-7710 | Pin - Roll | 1 |
| 35 | 21-8090 | Differential Adjust. Shim. .003 | A/R |
| 36 | 21-8100 | Differential Adjust. Shim. .005 | A/R |
| 37 | 21-8110 | Differential Adjust. Shim. .010 | A/R |
| 38 | 21-8120 | Differential Adjust. Shim. .030 | A/R |
| 39 | | Gear - Ring | 1 |
| 40 | 46-3330 | Assembly - Vent | 1 |
| 41 | 66-8130 | Hose - Hydraulic | 1 |
| 42 | 2412-34 | Clamp - Hose | 4 |
| 43 | 354-71 | Pipe Nipple | 1 |
| 44 | 77-0550 | Tube - Fill | 1 |
| | 43-6510 | Assembly - Gear & Pinion (Incl. Ref. #12 & 39) | 1 |
| 45 | 289-6 | Nipple - Pipe | 1 |
| 46 | 2810-1 | Coupler | 1 |



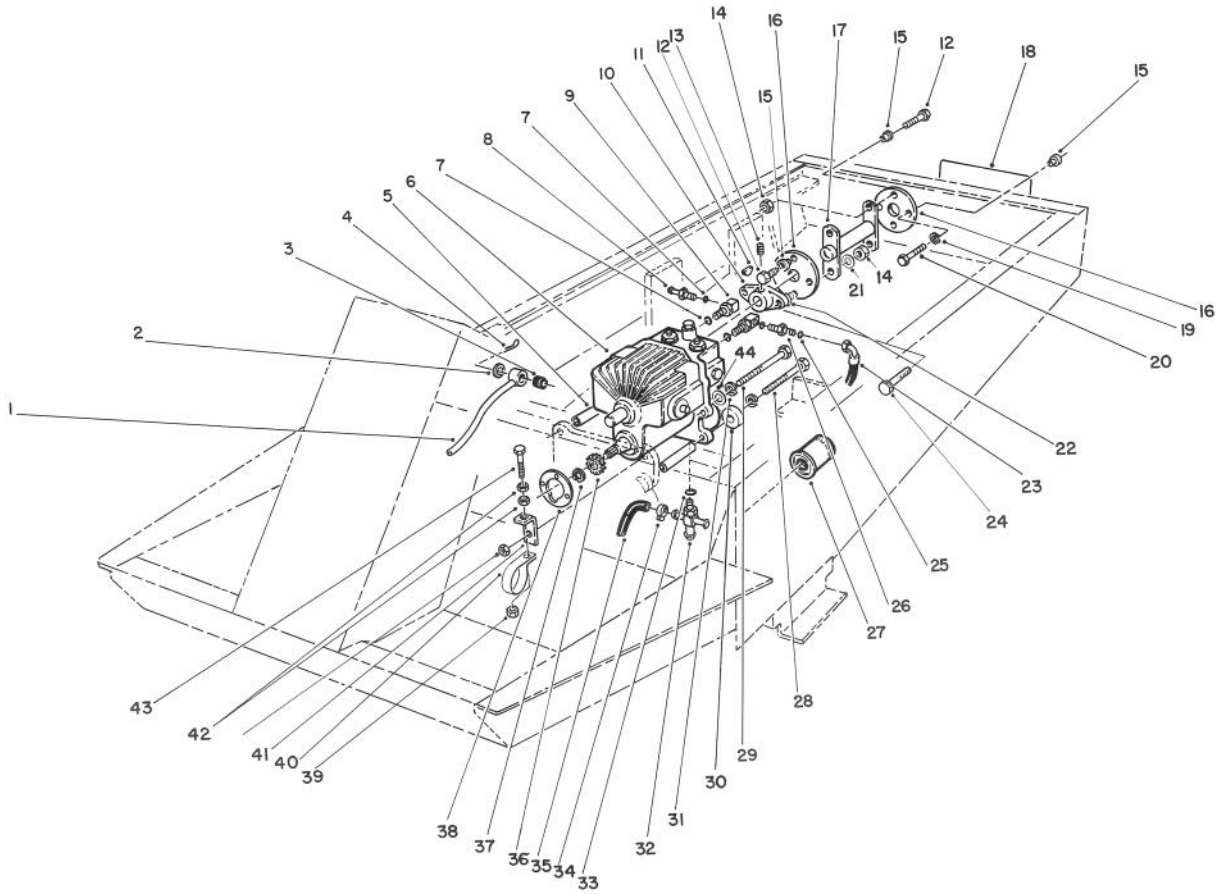

T-0535

# BRAKE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 27-6861 | Shaft - Axle, Flanged L.H. | 1 |
| * | 27-6851 | Shaft - Axle, Flanged R.H. | 1 |
| 2 | 21-8330 | Oil Seal | 2 |
| 3 | 21-8180 | Bearing - Tapered Roller | 2 |
| 4 | 21-9450 | Dust Shield | 2 |
| 5 | 43-6810 | Torque Spider | 2 |
| 6 | 21-9390 | Socket - Adjusting Screw | 2 |
| 7 | 21-9370 | Adjusting Screw | 2 |
| 8 | 21-9380 | Nut - Pivot | 2 |
| 9 | 242-34 | Stud - Axle Flange | 10 |
| 10 | 21-8360 | Clip - Retaining | 2 |
| 11 | 28-0680 | Brake Drum | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 12 | 43-6800 | Nut - Lock, Flange Hd. | 8 |
| 13 | 28-0670 | Oil Seal | 2 |
| 14 | 21-9440 | Screw - Spring Adjusting | 2 |
| 15 | 21-9460 | Retainer - Parking Brake | 4 |
| 16 | 43-2690 | Assy. - Shoe & Lining | 4 |
| 17 | 21-9420 | Spring - Shoe Return L.H. | 2 |
| 18 | 21 -9430 | Spring - Shoe Return R.H. | 2 |
| 19 | 24-9180 | Strut/Lever - Parking Brake | 2 |
| 20 | 21-8320 | Gasket - Wheel Bearing | 2 |
| 21 | 28-0660 | Screw - Cap Hex. Hd. | 8 |
| 22 | 24-8840 | Ring - Wheel Bearing | 2 |

*Not Illustrated

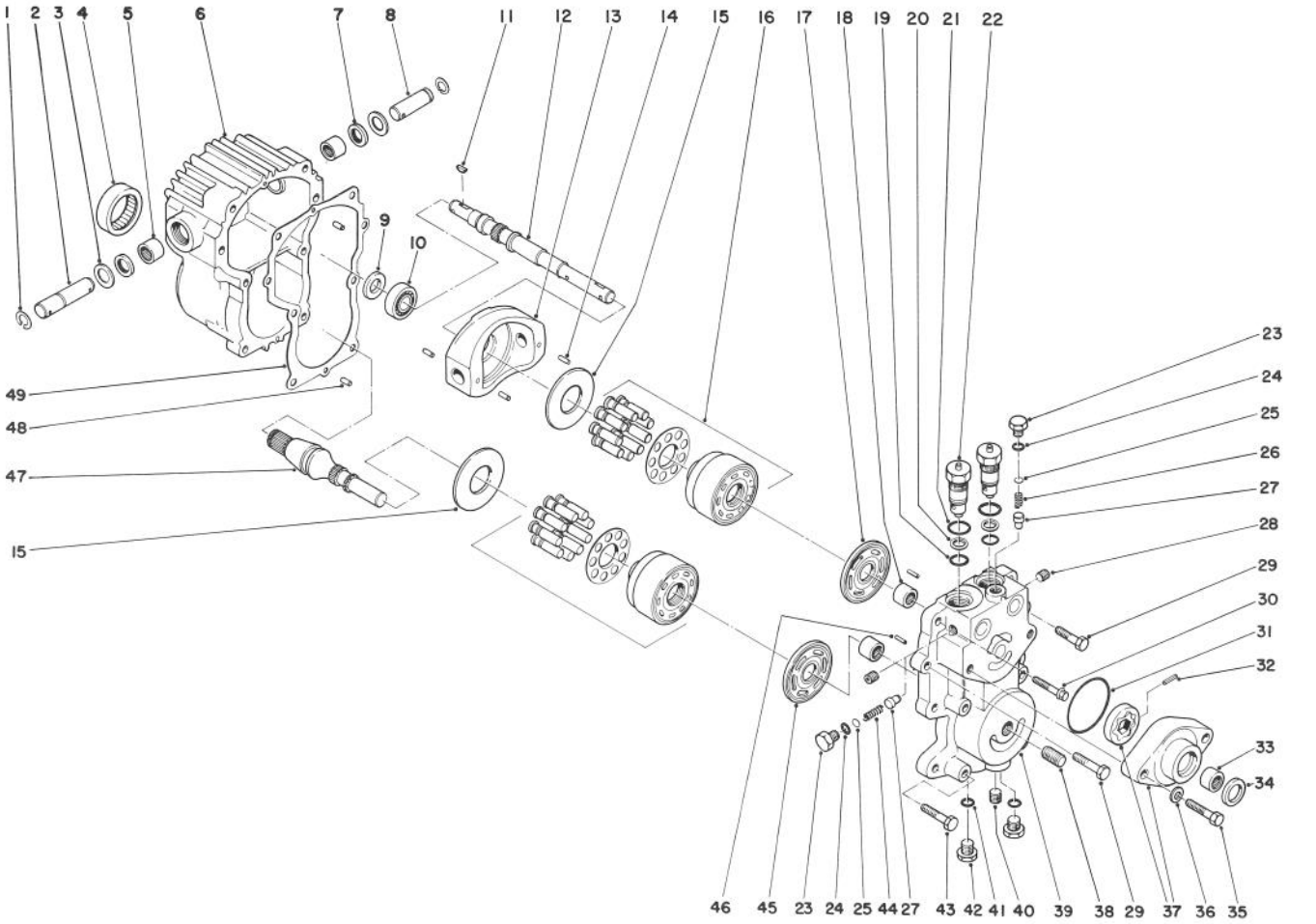


T-0605A

# TRANSMISSION & DRIVE COUPLING ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 63-6410 | Tube - Traction Control | 1 |
| 2 | 3256-26 | Washer - Flat | 1 |
| 3 | 23-2270 | Bushing - Rubber | 1 |
| 4 | 3272-10 | Pin - Cotter | 1 |
| 5 | 27-3680 | Spacer - Mounting | 4 |
| 6 | 49-7910 | Transmission | 1 |
| 7 | 237-42 | O-Ring | 4 |
| 8 | 353-979 | Hose Barb | 1 |
| 9 | 66-3110 | Hyd. Fitting | 2 |
| 10 | 27-4370 | Hub - Pump | 1 |
| 11 | 3257-5 | Key - Woodruff | 1 |
| 12 | 3210-5 | Screw - Cap Hex. Hd. | 4 |
| 13 | 3241-6 | Screw - Set | 2 |
| 14 | 32152-5 | Nut - Lock | 6 |
| 15 | 27-6600 | Spacer - Rubber | 6 |
| 16 | 44-2230 | Coupling - Rubber | 2 |
| 17 | 63-6610 | Drive Shaft | 1 |
| 18 | 62-7400 | Decal - Toro | 1 |
| 19 | 42-9850 | Washer - Lock | 2 |
| 20 | 66-3160 | Screw - Cap Hex. Hd. | 2 |
| 21 | 3256-71 | Washer - Flat | 2 |
| 22 | 27-6590 | Spacer | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 23 | 66-8490 | Assembly - Hose | 1 |
| 24 | 3210-8 | Screw - Cap Hex. Hd. | 2 |
| 25 | 237-22 | O-Ring | 1 |
| 26 | 82-8530 | Fitting | 1 |
| 27 | 23-2300 | Oil Filter | 1 |
| 28 | 323-39 | Screw - Cap Hex. Hd. | 3 |
| 29 | 27-9620 | Screw - Cap Hex. Hd. | 1 |
| 30 | 52-2340 | Spacer | 1 |
| 31 | 3253-21 | Washer - Lock | 4 |
| 32 | 66-3120 | Hyd. Fitting - Cross | 1 |
| 33 | 237-80 | O-Ring | 1 |
| 34 | 2412-108 | Hose Clamp | 4 |
| 35 | 66-8160 | Hose | 2 |
| 36 | 23-4810 | Gear - Spur | 1 |
| 37 | 32120-72 | Ring - Retaining | 1 |
| 38 | 27-3690 | Gasket - Transmission | 1 |
| 39 | 3296-39 | Nut - Lock | 2 |
| 40 | 2412-104 | R-Clamp | 1 |
| 41 | 63-7170 | Anchor - Transmission | 1 |
| 42 | 3218-3 | Nut - Jam | 2 |
| 43 | 67-1900 | Screw - Cap Hex. Hd. | 1 |
| 44 | 3256-24 | Washer - Flat | 1 |

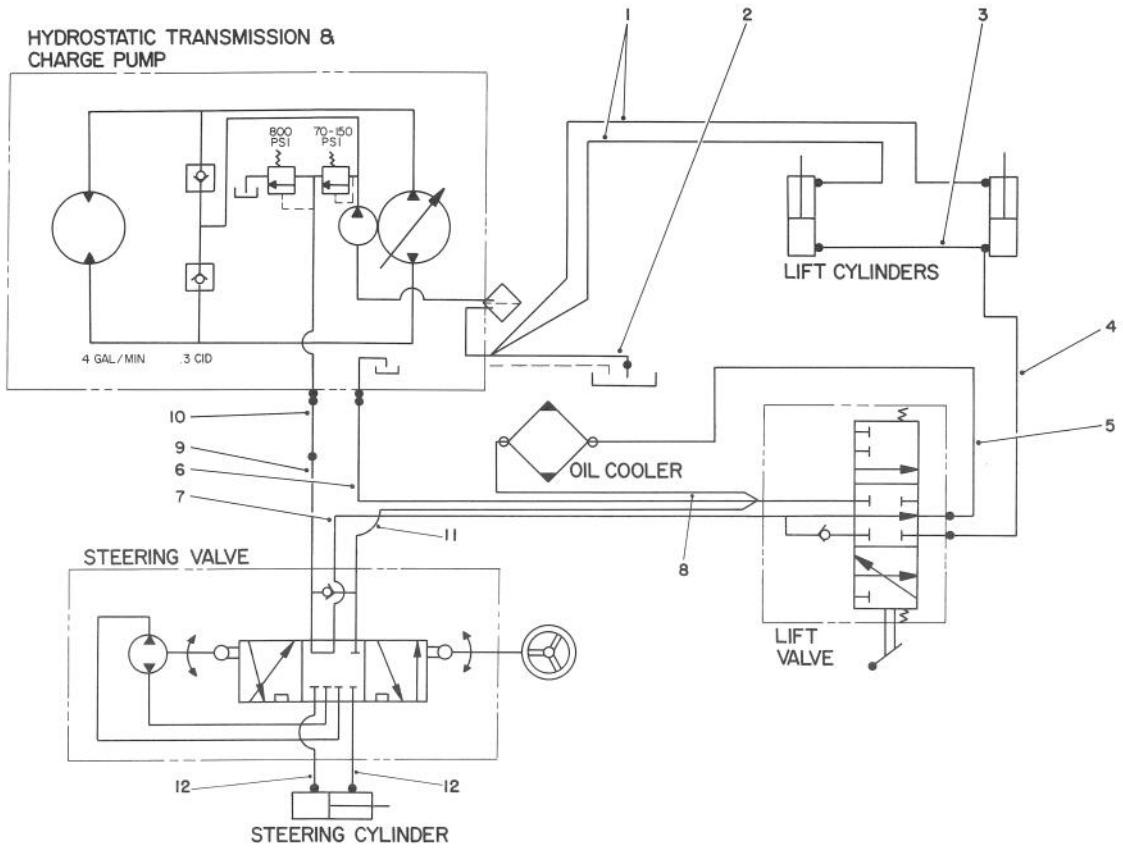



T-0536

# TRANSMISSION ASSEMBLY NO. 49-7910

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 32151-46 | Ring - Retaining | 2 |
| 2 | 25-2500 | Shaft - Trunion | 1 |
| 3 | 25-2510 | Washer | 2 |
| 4 | 28-3300 | Bearing - Roller | 1 |
| 5 | 28-3310 | Bearing - Needle | 2 |
| 6 | 49-7870 | Housing | 1 |
| 7 | 25-3210 | Lip Seal | 2 |
| 8 | 28-3670 | Shaft - Trunion | 1 |
| 9 | 28-3660 | Lip Seal | 1 |
| 10 | 28-3650 | Bearing - Ball | 1 |
| 11 | 3257-5 | Key - Woodruff | 2 |
| 12 | 28-3640 | Shaft - Pump | 1 |
| 13 | 49-7820 | Variable Swashplate | 1 |
| 14 | 32121-91 | Pin | 3 |
| 15 | 25-2380 | Plate - Thrust | 2 |
| 16 | 48-1800 | Kit - Cylinder Block | 2 |
| 17 | 46-7320 | Plate - Pump Valve | 1 |
| 18 | 25-3300 | Bearing - Needle | 2 |
| 19 | 28-3590 | O-Ring | 2 |
| 20 | 28-3580 | Ring - Backup | 2 |
| 21 | 28-3570 | O-Ring | 2 |
| 22 | 49-7830 | Assembly - Check Valve (Incl. Ref. #19-21) | 2 |
| 23 | 25-2460 | Hex Hd. Plug | 2 |
| 24 | 28-3400 | O-Ring | 2 |
| 25 | 25-2470 | Shim Pack | A/R |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 26 | 46-7310 | Relief Valve Spring Imp. | 1 |
| 27 | 28-3420 | Relief Valve Cone Charge | 2 |
| 28 | 285-17 | Plug - Pipe | 4 |
| 29 | 323-8 | Screw - Cap Hex. Hd. | 2 |
| 30 | 28-3530 | Screw - Cap Hex. Hd. | 2 |
| 31 | 28-3520 | O-Ring | 1 |
| 32 | 38-2680 | Pin | 1 |
| 33 | 28-3480 | Bearing - Needle | 1 |
| 34 | 28-3470 | Lip Seal | 1 |
| 35 | 324-23 | Screw - Cap Hex. Hd. | 2 |
| 36 | 28-3450 | Washer - Flat | 2 |
| 37 | 38-2670 | Kit - Charge Pump (Incl. Ref. #31-34) | 1 |
| 38 | 25-2660 | Union - Filter | 1 |
| 39 | 49-7850 | Center Section | 1 |
| 40 | 46-7280 | Plug - Pipe | 1 |
| 41 | | O-Ring | 2 |
| 42 | 28-3440 | Threaded Plug (Incl. Ref. #41) | 2 |
| 43 | 323-10 | Screw - Cap Hex. Hd. | 4 |
| 44 | 25-2480 | Relief Valve Spring Charge | 1 |
| 45 | 28-3380 | Plate - Motor Valve | 1 |
| 46 | 25-2430 | Pin | 2 |
| 47 | 49-8200 | Shaft - Motor | 1 |
| 48 | 28-3350 | Pin | 2 |
| 49 | 28-3340 | Gasket | 1 |

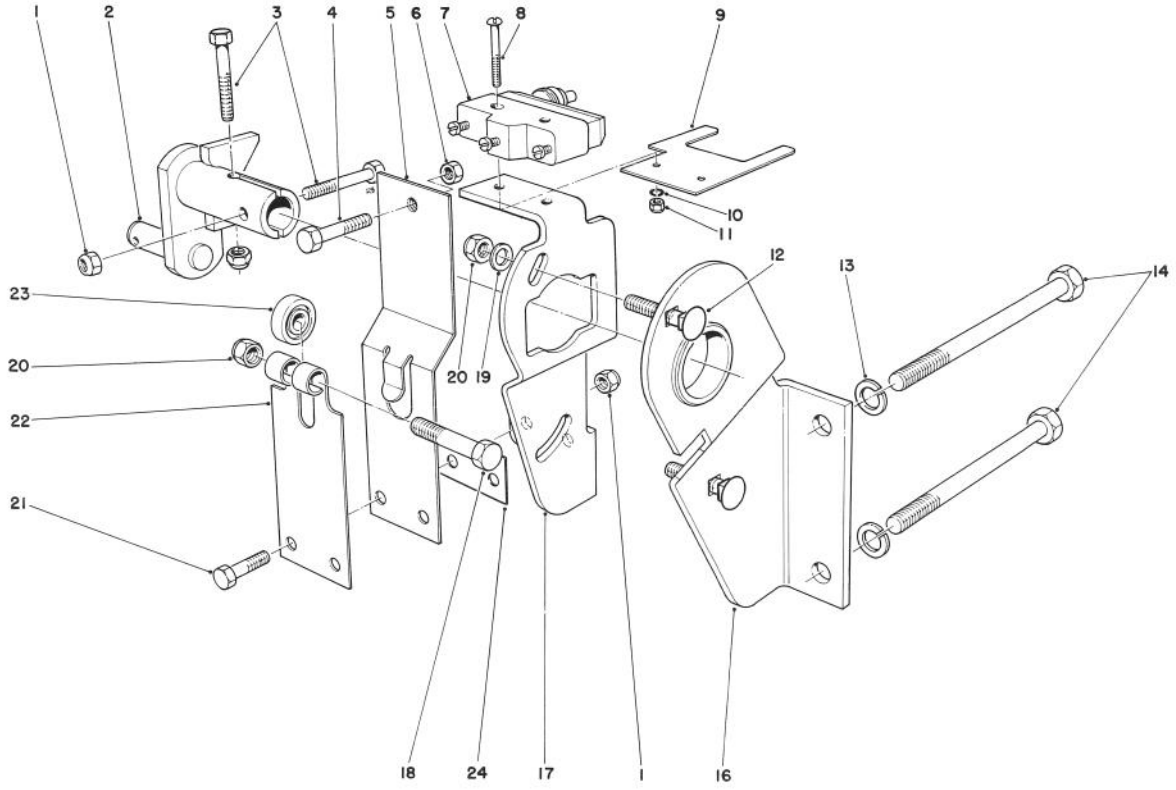



T-0537

# HYDRAULIC SCHEMATIC

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 66-8160 | Hose | 2 |
| 2 | 66-8130 | Hose | 1 |
| 3 | 66-8190 | Hose | 1 |
| 4 | 66-8640 | Hose | 1 |
| 5 | 66-8180 | Hose | 1 |
| 6 | 66-8150 | Hose | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 7 | 66-8630 | Tube | 1 |
| 8 | 66-8500 | Hose | 1 |
| 9 | 66-8620 | Tube | 1 |
| 10 | 66-8490 | Hose | 1 |
| 11 | 66-8140 | Hose | 1 |
| 12 | 66-8170 | Hose | 2 |

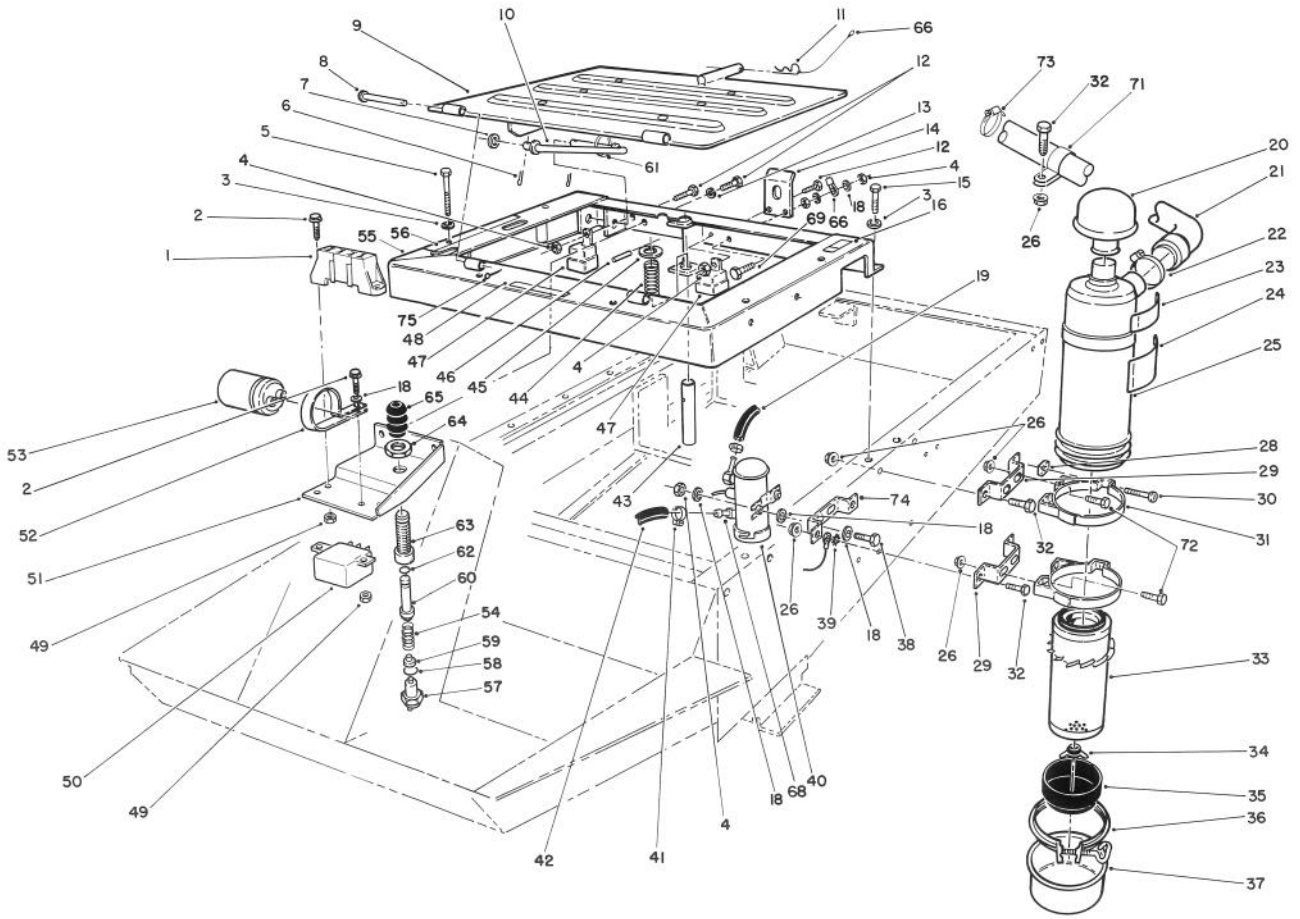



T-0538A

# TRANSMISSION INTERLOCK ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3296-42 | Nut - Lock | 4 |
| 2 | 29-9790 | Pump - Lever | 1 |
| 3 | 321-9 | Screw - Cap Hex. Hd. | 2 |
| 4 | 3210-7 | Screw - Cap Hex. Hd. | 1 |
| 5 | 29-6170 | Spring - Extended Leaf | 1 |
| 6 | 3219-2 | Nut - Hex. | 1 |
| 7 | 29-6162 | Micro Switch | 1 |
| 8 | 3249-11 | Screw - Round Hd. | 2 |
| 9 | 46-8810 | Stop - Leaf Spring | 1 |
| 10 | 3254-9 | Washer - Lock I.T.L.W. | 2 |
| 11 | 3217-16 | Nut - Hex. | 2 |
| 12 | 3230-2 | Carriage - Bolt | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 13 | 3253-21 | Washer - Lock | 2 |
| 14 | 323-39 | Screw - Cap Hex. Hd. | 2 |
| 16 | 52-8890 | Bracket - Mounting | 2 |
| 17 | 52-9070 | Plate - Pump | 1 |
| 18 | 322-17 | Screw - Cap Hex. Hd. | 1 |
| 19 | 3256-23 | Washer - Flat | 2 |
| 20 | 3296-29 | Nut - Lock | 3 |
| 21 | 321-4 | Screw - Cap Hex. Hd. | 2 |
| 22 | 29-6150 | Spring - Leaf | 1 |
| 23 | 251-259 | Bearing - Ball | 1 |
| 24 | 51-3150 | Shim | 1 |

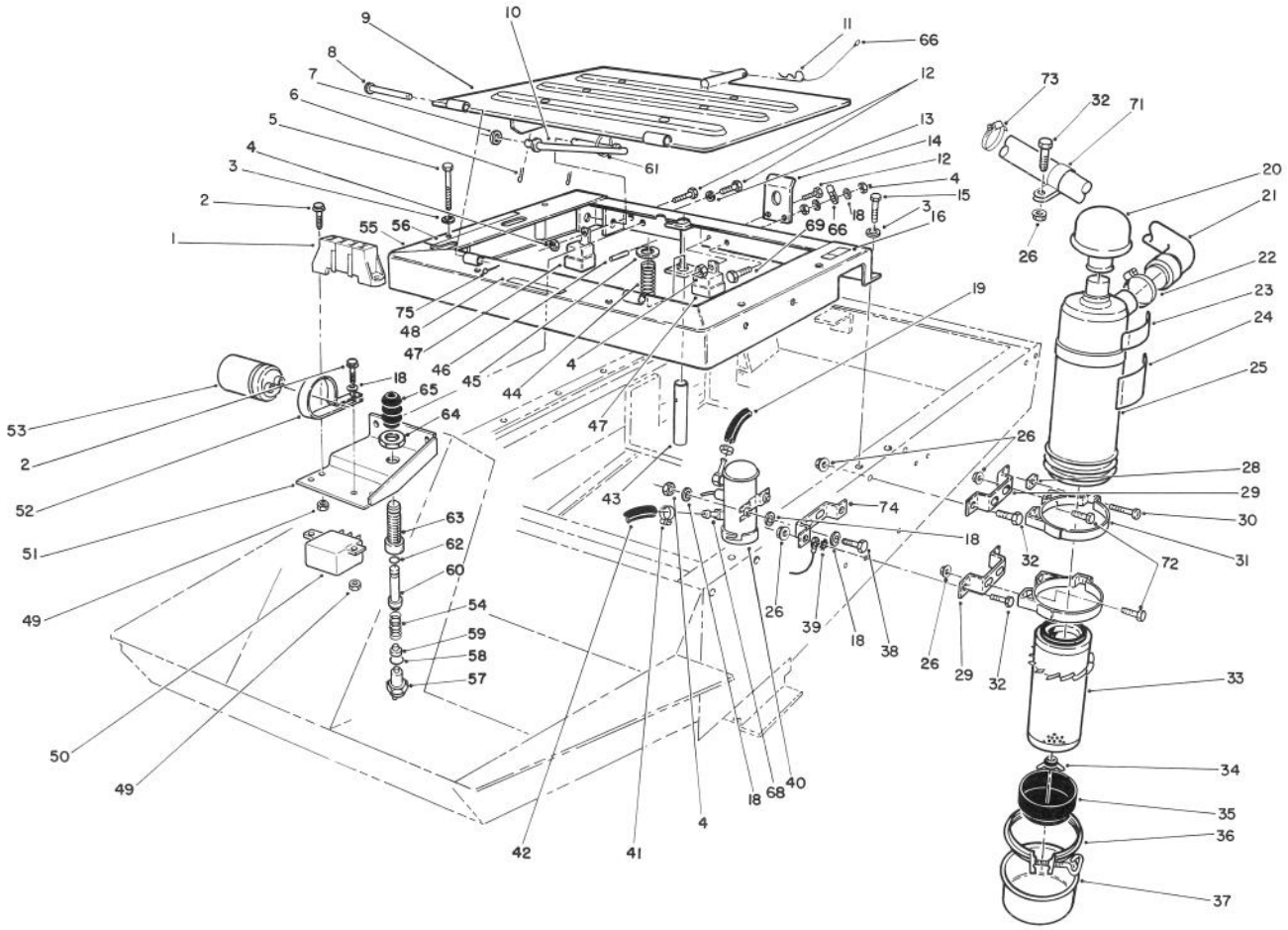


T-0606A

# SEAT FRAME & AIR CLEANER ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 67-7160 | Fuse Block | 1 |
| 2 | 3290-126 | Screw - Cap Hex. Hd. | 4 |
| 3 | 3256-70 | Washer - Flat | 6 |
| 4 | 3296-42 | Nut - Lock | 6 |
| 5 | 322-33 | Screw - Cap Hex. Hd. | 6 |
| 6 | 3272-11 | Pin - Cotter | 2 |
| 7 | 3256-24 | Washer - Flat | 1 |
| 8 | 283-49 | Pin - Clevis | 2 |
| 9 | 63-7080 | Plate - Seat | 1 |
| 10 | 66-2800 | Rod - Seat Support | 1 |
| 11 | 3290-255 | Pin - Hair, Cotter | 1 |
| 12 | 321-4 | Screw - Cap Hex. Hd. | 4 |
| 13 | 3253-3 | Washer - Lock | 2 |
| 14 | 66-2630 | Latch - Seat | 1 |
| 15 | 3234-17 | Screw - Flange Hd. | 2 |
| 16 | 52-1320 | Decal - Diesel Fuel Only | 1 |
| 18 | 3256-22 | Washer - Flat | 9 |
| 19 | 63-7620 | Hose | 1 |
| 20 | 27-7180 | Assembly - Cap | 1 |
| 21 | 63-6040 | Hose - Air Cleaner Inlet | 1 |
| 22 | 2412-42 | Clamp - Hose | 1 |
| 23 | 67-1700 | Decal - Starting Fluid | 1 |
| 24 | 27-7160 | Decal - Instructions | 1 |
| 25 | 27-7100 | Assembly - Air Cleaner (Incl. Ref. #24 & 32-36) | 1 |
| 26 | 32128-20 | Nut - Flange | 9 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 28 | 32107-11 | Nut - Square | 2 |
| 29 | 66-2451 | Bracket - Air Cleaner | 2 |
| 30 | 3258-19 | Screw - Cap Hex. Hd. | 2 |
| 31 | 27-7170 | Assembly - Mounting Band (Incl. Ref. #28 & 30) | 2 |
| 32 | 322-5 | Screw - Cap Hex. Hd. | 5 |
| 33 | 27-7110 | Assembly - Element | 1 |
| 34 | 27-7120 | Assembly - Nut & Gasket | 1 |
| 35 | 27-7140 | Skirt - Baffle | 1 |
| 36 | 27-7130 | Assembly - Clamp | 1 |
| 37 | 27-7150 | Assembly - Cup | 1 |
| 38 | 321-8 | Screw - Cap Hex. Hd. | 2 |
| 39 | 3255-8 | Washer - Lock, Ext. Tooth | 1 |
| 40 | 53-8150 | Pump - Fuel | 1 |
| 41 | 2412-108 | Clamp - Hose | 4 |
| 42 | 63-7630 | Hose | 1 |
| 43 | 66-2590 | Pin - Seat Spring | 1 |
| 44 | 37-9590 | Spring - Compression | 1 |
| 45 | 3256-27 | Washer - Flat | 1 |
| 46 | 32121-6 | Pin - Roll | 1 |
| 47 | 63-7590 | Relay | 2 |
| 48 | 67-1710 | Decal - Interlock | 1 |
| 49 | 3296-12 | Nut - Lock | 4 |
| 50 | 66-8800 | Relay | 1 |
| 51 | 70-7290 | Bracket - Seat Switch | 1 |
| 52 | 2412-74 | R-Clamp | 1 |



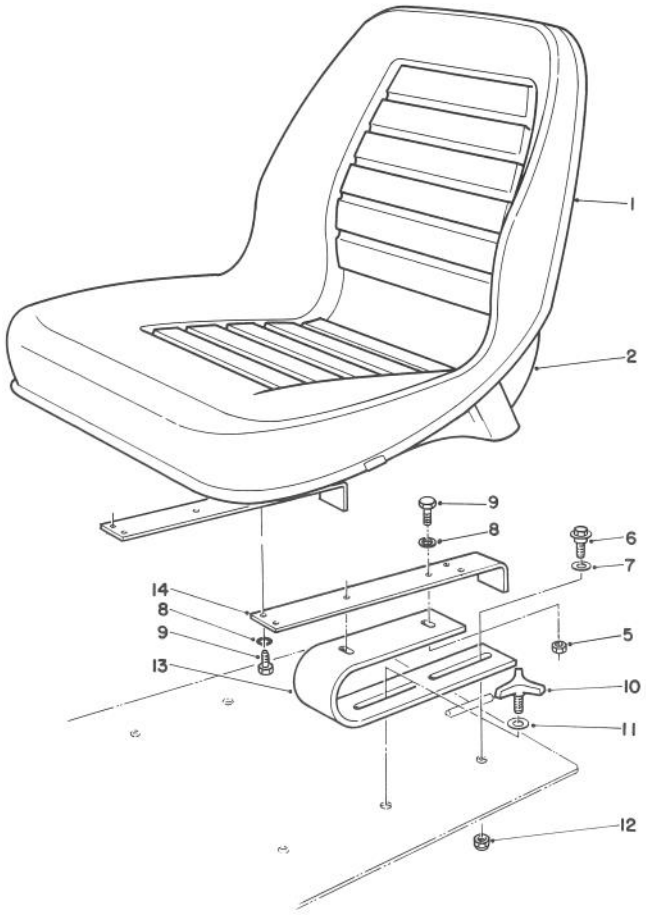
T-0606A

# SEAT FRAME & AIR CLEANER ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 53 | 37-2690 | Capacitor | 1 |
| 54 | 43-8600 | Spring - Compression | 1 |
| 55 | 63-7290 | Frame - Seat | 1 |
| 56 | 66-8750 | Decal - Control Levers | 1 |
| 57 | 72-4320 | Switch | 1 |
| 58 | 237-30 | O-Ring | 1 |
| 59 | 43-8610 | Guide - Spring & Ball Seat | 1 |
| 60 | 43-8860 | Plunger - Switch | 1 |
| 61 | 3290-378 | Tie - Cable | 1 |
| 62 | 237-7 | O-Ring | 1 |
| 63 | 43-8620 | Guide - Switch Pin | 1 |
| 64 | 218-461 | Nut - Jam | 1 |
| 65 | 43-8870 | Boot - Switch | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 66 | 28-8070 | Lanyard | 1 |
| 68 | 67-1690 | Fitting | 2 |
| 69 | 321-6 | Screw - Cap Hex. Hd. | 1 |
| 71 | 2412-107 | R-Clamp | 1 |
| 72 | 322-3 | Screw - Cap Hex. Hd. | 4 |
| 73 | 2412-92 | Clamp - Hose | 1 |
| 74 | 66-2450 | Bracket - Air Cleaner | 1 |
| 75 | 3272-4 | Pin - Cotter | 2 |
| * | 43-9071 | Switch - Seat (Incl. Ref. #54, 57-60 & 62-65) | 1 |

*Not Illustrated



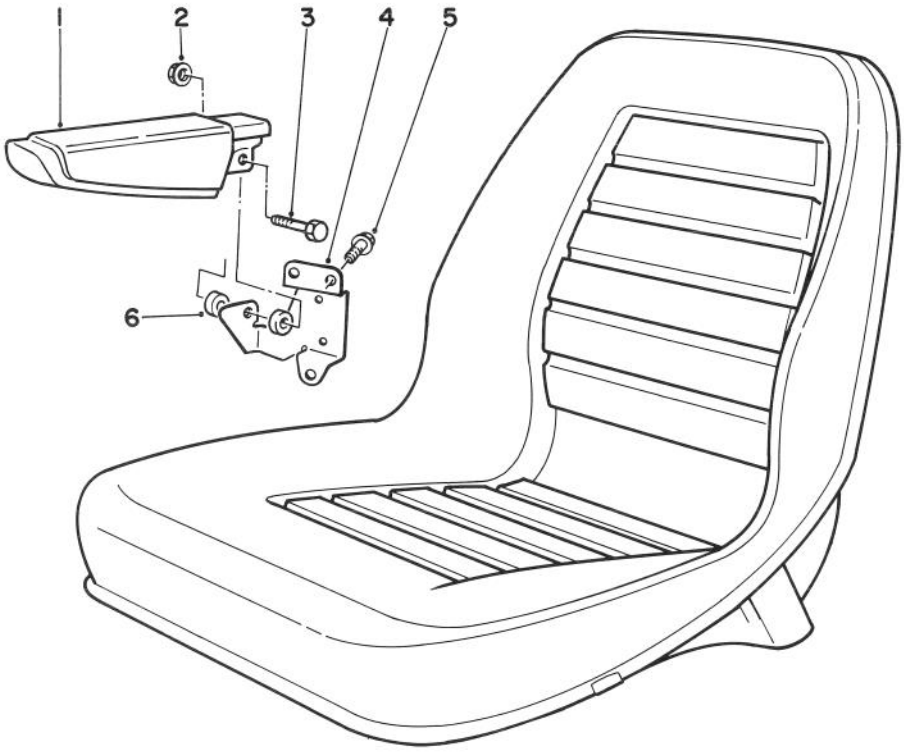

T-0777

# STANDARD SEAT KIT MODEL NO. 30769

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 67-9550 | Cushion - Seat | 1 |
| 2 | 67-9560 | Shell - Seat | 1 |
| 5 | 3217-6 | Nut - Hex | 4 |
| 6 | 27-5240 | Bolt - Shoulder | 2 |
| 7 | 3256-26 | Washer - Flat | 2 |
| 8 | 3253-4 | Washer - Lock | 8 |
| 9 | 322-5 | Screw - Cap Hex. Hd. | 8 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 10 | 27-4570 | Handle - Adjustment | 2 |
| 11 | 36-8020 | Washer | 2 |
| 12 | 3296-39 | Nut - Lock | 2 |
| 13 | 46-9110 | Spring - Seat | 2 |
| 14 | 46-9120 | Mount - Seat | 2 |
| * | 66-5400 | Assembly - Seat (Incl. Ref. #1 & 2) | 1 |

*Not Illustrated



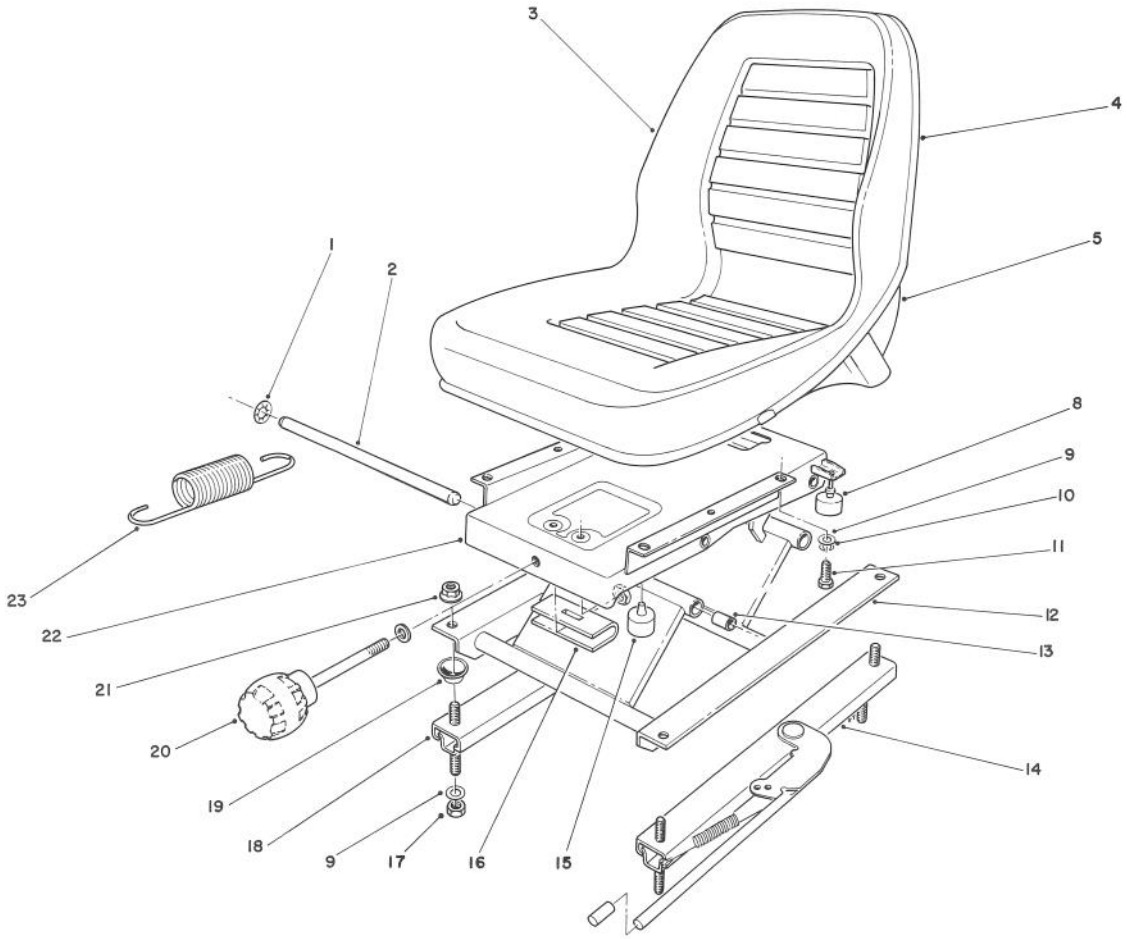

T-0634

# ARMREST KIT MODEL NO. 30707

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 69-1180 | Armrest | 2 |
| 2 | 32128-19 | Nut - Lock, Flange | 2 |
| 3 | 323-9 | Screw - Cap Hex. Hd. | 2 |
| 4 | 69-0770 | Bracket - R.H. Arm | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| * | 69-0760 | Bracket - L.H. Arm | 1 |
| 5 | 3234-14 | Screw - Cap Hex. Flange | 6 |
| 6 | 69-1260 | Spacer | 4 |

*Not Illustrated




T-0454

# DELUXE SEAT KIT MODEL NO. 30772

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 66-8560 | Nut - Push | 4 |
| 2 | 76-1910 | Shaft - Pivot | 2 |
| 3 | | Cushion - Seat | 1 |
| 4 | | Trim - Seat | 1 |
| 5 | | Base - Seat | 1 |
| 8 | 76-2940 | Bumper | 2 |
| 9 | 3256-2 | Washer - Flat | 8 |
| 10 | 3253-4 | Washer - Lock | 4 |
| 11 | 322-3 | Screw - Cap Hex. Hd. | 4 |
| 12 | 66-8610 | Frame - Lower | 1 |
| 13 | 76-1920 | Bearing - Sleeve | 4 |
| 14 | 66-8510 | Adjuster w/Handle | 1 |
| 15 | 66-8520 | Bumper - Stop | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 16 | 66-8540 | Hanger - Spring | 1 |
| 17 | 3296-29 | Nut - Hex. | 4 |
| 18 | 66-8530 | Adjuster | 1 |
| 19 | 66-9290 | Spacer - Suspension | 4 |
| 20 | 76-1930 | Knob Adjustment | 1 |
| 21 | 32128-25 | Nut - Lock, Flange | 4 |
| 22 | 66-8600 | Frame - Upper | 1 |
| 23 | 76-1940 | Spring - Extension | 2 |
| * | 66-5400 | Assembly - Seat (Incl. Ref. #3-5) | 1 |

*Not Illustrated

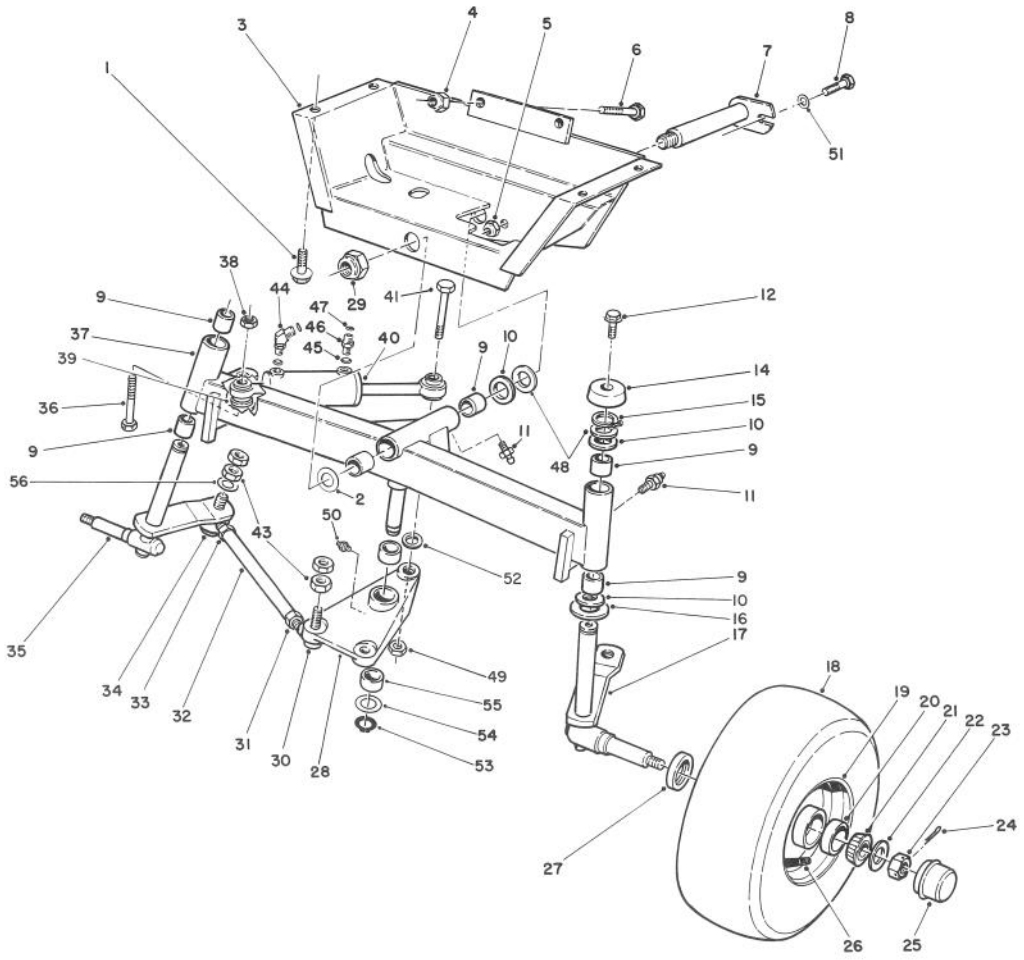



T-1253

# MANUAL STORAGE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 74-0720 | Tube - Manual | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 2 | 2412-133 | R-Clamp | 2 |

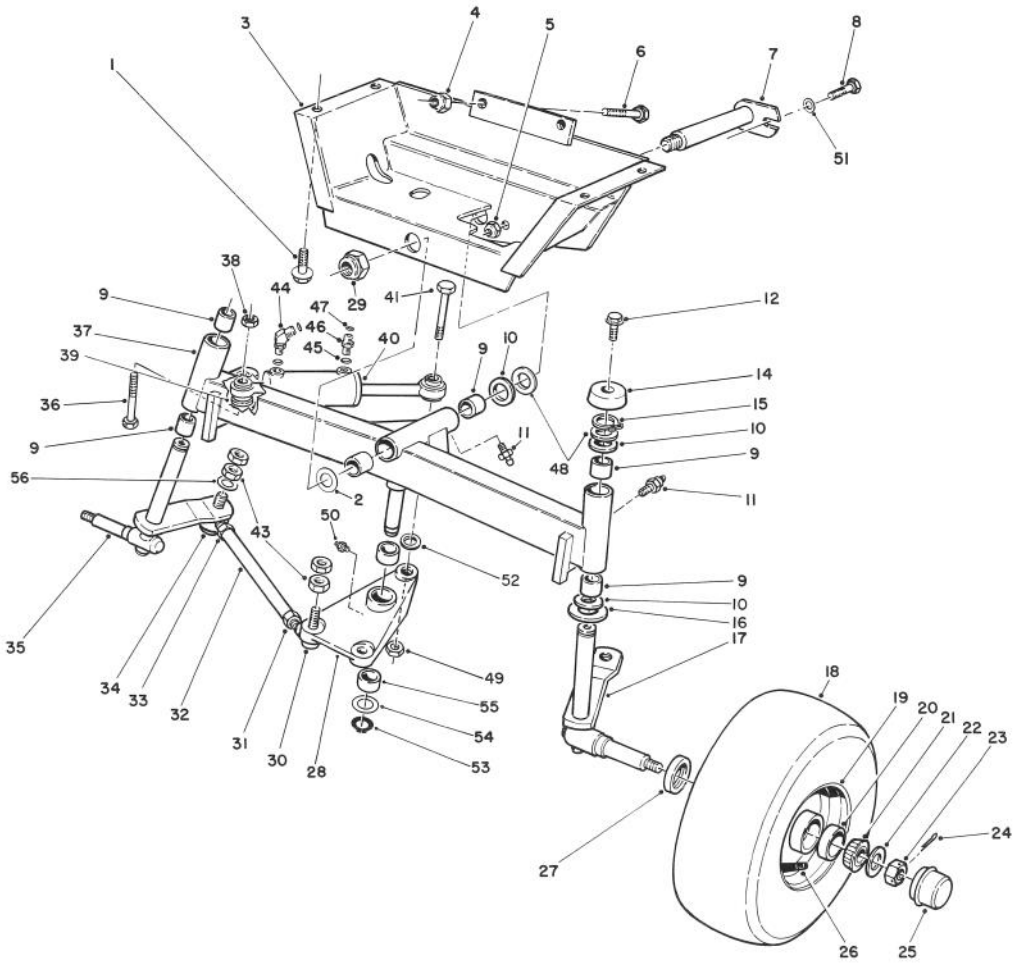


T-0540A

# REAR AXLE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3234-25 | Screw - Flange | 4 |
| 2 | 71-4540 | Washer - Thrust | 1 |
| 3 | 63-6430 | Frame - Rear | 1 |
| 4 | 3296-25 | Nut - Lock | 2 |
| 5 | 3296-42 | Nut - Lock | 1 |
| 6 | 325-5 | Screw - Cap Hex. Hd. | 2 |
| 7 | 63-6770 | Pin - Rear Axle | 1 |
| 8 | 321-4 | Screw - Cap Hex. Hd. | 1 |
| 9 | 67-1750 | Bushing | 6 |
| 10 | 10-8110 | Washer | 5 |
| 11 | 302-5 | Fitting - Grease | 3 |
| 12 | 3234-13 | Screw - Flange Hd. | 2 |
| 14 | 66-2990 | Cap - Spindle | 2 |
| 15 | 32151-36 | Ring - Retaining | 2 |
| 16 | 256-121 | Washer - Thrust | 2 |
| 17 | 76-4510 | Spindle - Wheel L.H. | 1 |
| 18 | 231-105 | Tire | 2 |
| 19 | 217-118 | Rim | 2 |
| 20 | 254-72 | Cup - Bearing | 4 |
| 21 | 254-94 | Cone - Bearing | 4 |
| 22 | 3256-28 | Washer - Flat | 2 |
| 23 | 32136-5 | Nut - Castle | 2 |
| 24 | 3272-13 | Pin - Cotter | 2 |
| 25 | 241-119 | Cap - Hub | 2 |
| 26 | 232-35 | Stem - Valve | 2 |
| 27 | 253-129 | Seal - Hub | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 28 | 76-4810 | Pivot - Steering (Incl. Ref. #50 & 55) | 1 |
| 29 | 3296-51 | Nut - Lock | 1 |
| 30 | 21-0150 | Joint - Ball L.H. | 2 |
| 31 | 3220-12 | Nut - Jam L.H. | 2 |
| 32 | 63-6880 | Rod - Tie | 2 |
| 33 | 3220-5 | Nut - Jam R.H. | 2 |
| 34 | 21-0140 | Joint - Ball R.H. | 2 |
| 35 | 76-4520 | Spindle - Wheel R.H. | 1 |
| 36 | 67-7300 | Screw Hex Hd. | 1 |
| 37 | 76-3000 | Axle-Rear (Incl. Ref. #9 & 11) | 1 |
| 38 | 32153-6 | Nut - Hex Lock | 1 |
| 39 | 67-7250 | Spacer Cyl. | 1 |
| 40 | 76-2070 | Cylinder - Steering | 1 |
| 41 | 328-25 | Screw - Cap Hex. Hd. | 1 |
| 43 | 3220-3 | Nut - Jam | 8 |
| 44 | 340-103 | Fitting - 45° Elbow (Incl. Ref. #45 & 47) | 1 |
| 45 | 237-78 | Seal - O-Ring | 2 |
| 46 | 340-92 | Fitting - Straight | 1 |
| 47 | 237-21 | Seal - O-Ring | 2 |
| 48 | 56-2460 | Washer - Flat | A/R |
| 49 | 32128-45 | Nut - Flange Lock | 1 |
| 50 | 302-62 | Fitting - Grease | 1 |
| 51 | 3256-22 | Washer - Flat | 1 |

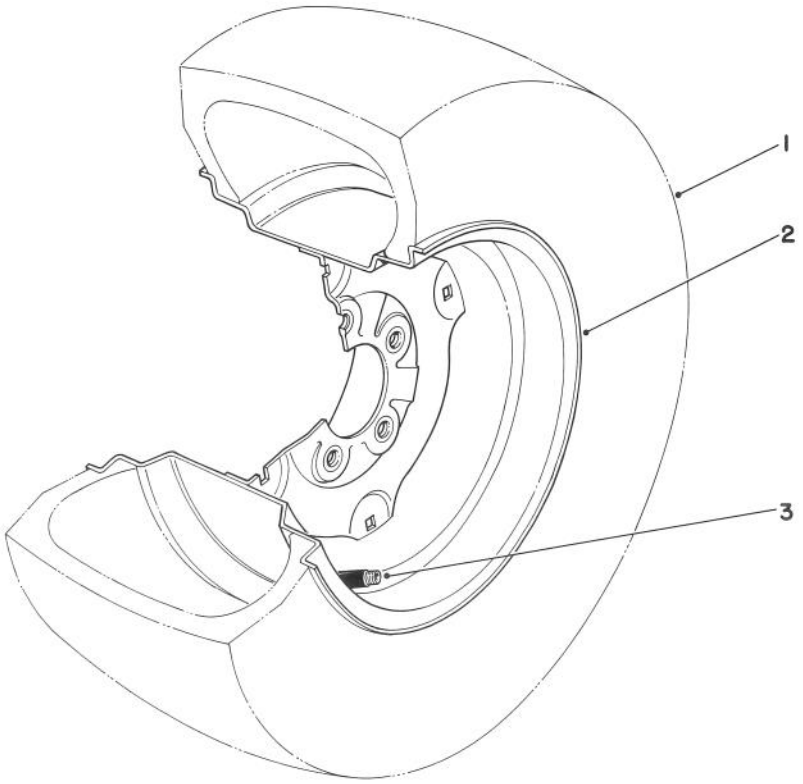



T-0540A

# REAR AXLE ASSEMBLY (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 52 | 67-9410 | Washer - Flat | 1 |
| 53 | 32151-77 | Ring - Retaining | 1 |
| 54 | 76-2980 | Washer - Thrust | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 55 | 76-2970 | Bushing | 2 |
| 56 | 3256-24 | Washer - Flat | 2 |

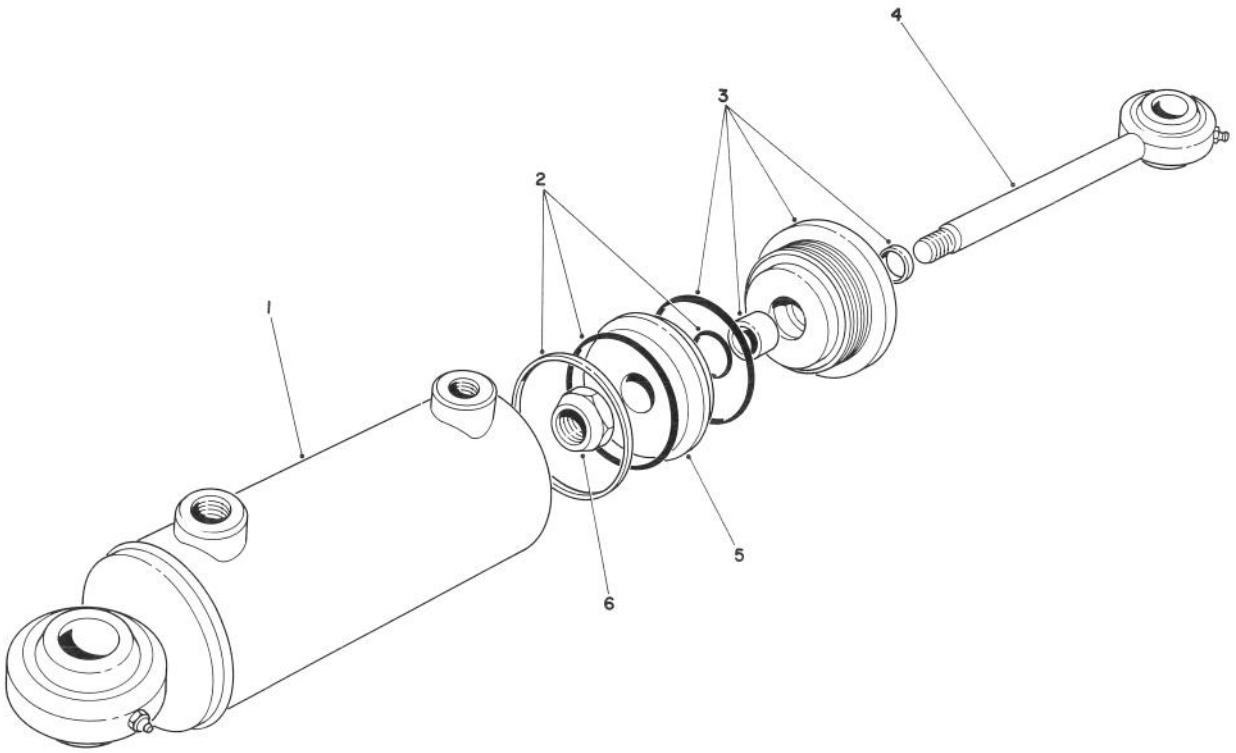



T-0449

# TIRE & WHEEL ASSEMBLY 23 X 10.5 X 12 NO. 62-7020 (Optional)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 231-95 | Tire | 1 |
| 2 | 217-116 | Rim | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 3 | 232-27 | Valve Stem | 1 |

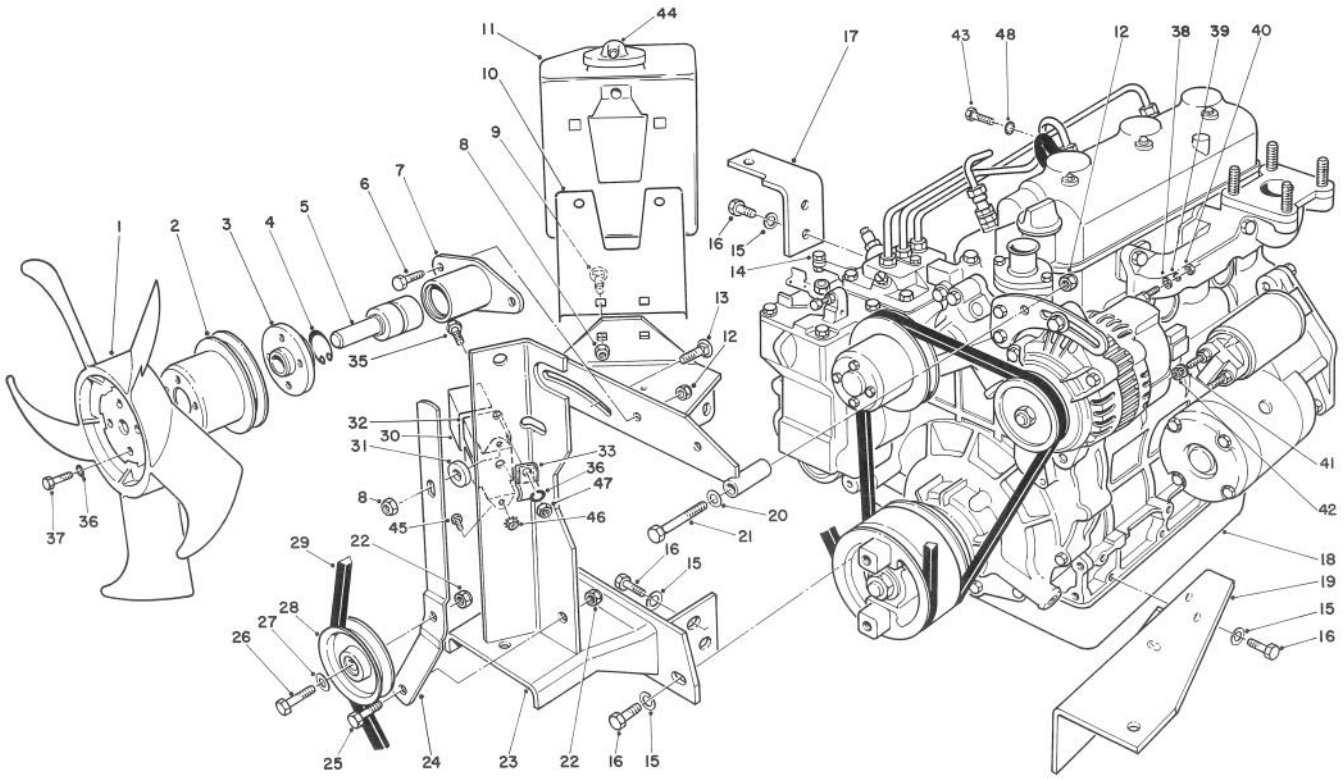



T-0541

# HYDRAULIC CYLINDER NO. 76-2070

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 66-2770 | Tube - Cylinder | 1 |
| 2 | 76-2090 | Kit - Seal | 1 |
| 3 | 76-2790 | Kit - Gland | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 4 | 76-2080 | Assembly - Piston Rod | 1 |
| 5 | 66-1940 | Piston | 1 |
| 6 | 66-1930 | Nut - Lock | 1 |

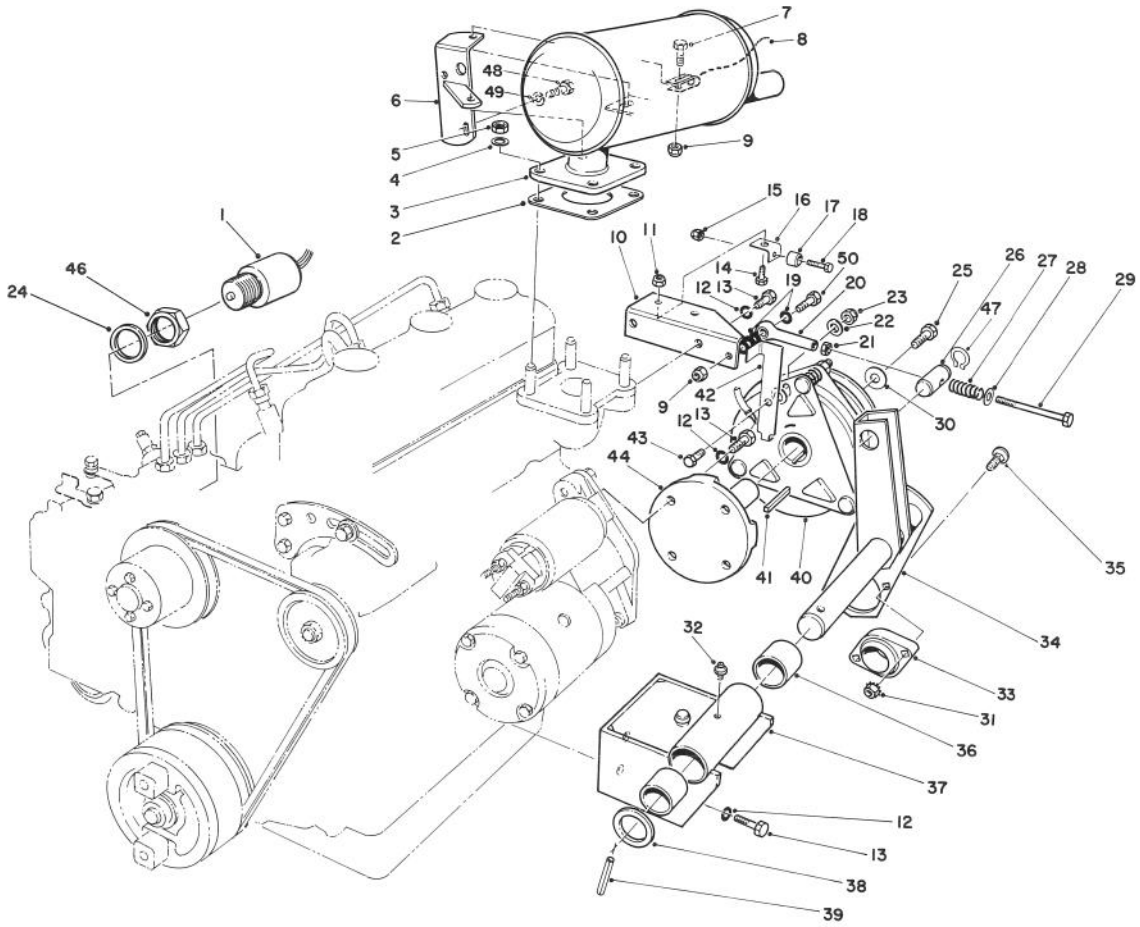


T-0542A

# ENGINE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 43-1910 | Fan - Cooling | 1 |
| 2 | 42-9070 | Pulley - Fan | 1 |
| 3 | 53-8680 | Hub - Fan | 1 |
| 4 | 32120-10 | Ring - Retaining | 1 |
| 5 | 36-7290 | Shaft & Bearing | 1 |
| 6 | 322-4 | Screw | 2 |
| 7 | 66-2390 | Hub W.A. | 1 |
| 8 | 32128-20 | Nut - Flange | 3 |
| 9 | 3230-23 | Bolt - Carriage | 2 |
| 10 | 66-2440 | Plate - Reservoir | 1 |
| 11 | 63-7380 | Tank - Expansion (Incl Ref. #44) | 1 |
| 12 | 3296-29 | Nut - Lock | 3 |
| 13 | 3230-2 | Bolt - Carriage | 1 |
| 14 | 63-6760 | Swivel - Throttle Cable | 1 |
| 15 | 48-9590 | Washer - Lock | 8 |
| 16 | 63-7790 | Screw | 8 |
| 17 | 71-2910 | Angle - Engine Mount | 1 |
| 18 | 63-7060 | Engine | 1 |
| 19 | 66-2320 | Mount - Engine | 1 |
| 20 | 3256-23 | Washer - Flat | 1 |
| 21 | 322-11 | Screw - Cap Hex. Hd. | 1 |
| 22 | 3296-39 | Nut - Lock | 2 |
| 23 | 71-1450 | Bracket WA. | 1 |
| 24 | 63-6720 | Lever - Idler | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 25 | 323-6 | Screw - Cap Hex. Hd. | 1 |
| 26 | 323-8 | Screw - Cap Hex. Hd. | 1 |
| 27 | 3256-24 | Washer - Flat | 1 |
| 28 | 63-8140 | Pulley | 1 |
| 29 | 63-7130 | Belt - Fan | 1 |
| 30 | 70-8560 | Retainer - Glow Plug | 1 |
| 31 | 52-2340 | Spacer | 1 |
| 32 | 66-8700 | Indicator - Glow (Incl. Ref. #30) | 1 |
| 33 | 3-6657 | Clip - Skid | 1 |
| 35 | 321-4 | Screw - Cap Hex. Hd. | 1 |
| 36 | 3253-3 | Washer - Lock | 5 |
| 37 | 321-3 | Screw - Cap Hex. Hd. | 4 |
| 38 | 5-3637 | Washer - Flat | 1 |
| 39 | 43-5920 | Washer - Lock | 1 |
| 40 | 43-5970 | Nut - Hex. | 1 |
| 41 | 42-9850 | Washer - Lock | 2 |
| 42 | 57-6390 | Nut - Hex. | 2 |
| 43 | 48-7680 | Screw - Hex. | 1 |
| 44 | 71-1520 | Cap - Reservoir | 1 |
| 45 | 32105-8 | Screw | 2 |
| 46 | 32149-7 | Nut - Keps | 2 |
| 47 | 3217-5 | Nut - Hex. | 1 |
| 48 | 3254-2 | Washer - Lock, Int. Tooth | 1 |



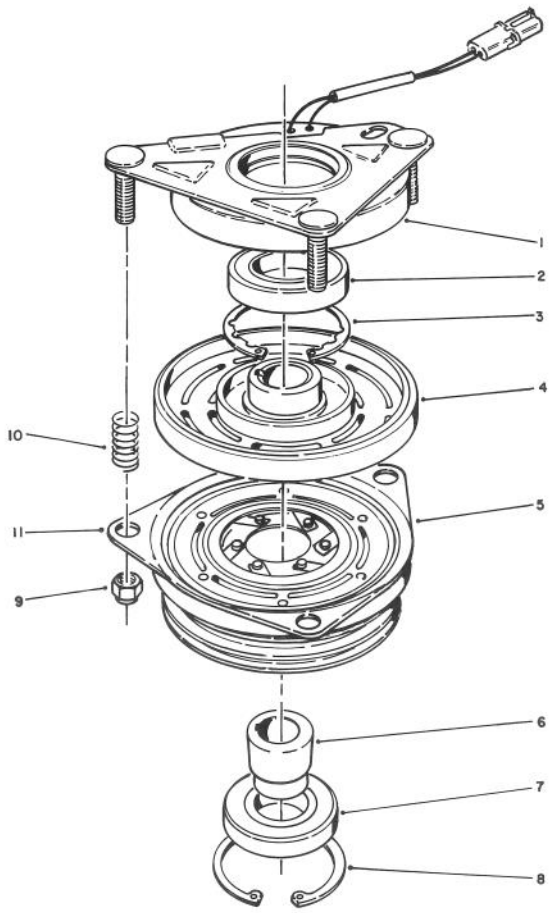
T-0543A

# POWER TAKE OFF ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 63-7440 | Solenoid - Stop | 1 |
| 2 | 53-8130 | Gasket - Exhaust | 1 |
| 3 | 63-6810 | Muffler | 1 |
| * | 66-1540 | Spark Arrester - Muffler (Optional) | 1 |
| 4 | 42-9850 | Washer - Lock | 4 |
| 5 | 48-7930 | Nut - Hex. | 4 |
| 6 | 66-2360 | Support - Muffler | 2 |
| 7 | 322-5 | Screw _ Cap Hex. Hd. | 1 |
| 8 | 66-2870 | Cable - Hood Stop | 1 |
| 9 | 3296-29 | Nut - Lock | 2 |
| 10 | 63-6700 | Bracket | 1 |
| 11 | 3296-42 | Nut - Lock | 2 |
| 12 | 48-9590 | Washer - Lock | 10 |
| 13 | 63-7790 | Screw | 10 |
| 14 | 321-3 | Screw - Cap Hex. Hd. | 2 |
| 15 | 3296-9 | Nut - Lock | 2 |
| 16 | 63-8230 | Angle - Clutch Anchor | 2 |
| 17 | 66-2910 | Bumper - Rubber | 2 |
| 18 | 3250-39 | Screw - Pan Head | 2 |
| 19 | 3256-23 | Washer - Flat | 4 |
| 20 | 66-2900 | Tie Rod End | 1 |
| 21 | 3220-2 | Nut - Jam | 1 |
| 22 | 3256-24 | Washer - Flat | 2 |
| 23 | 3296-59 | Nut - Lock | 1 |
| 24 | 43-2740 | Gasket | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 25 | 3212-5 | Screw | 1 |
| 26 | 63-6290 | Pin - Tension | 1 |
| 27 | 3-6624 | Spring | 1 |
| 28 | 4-2390 | Washer | 1 |
| 29 | 66-3100 | Screw | 1 |
| 30 | 67-1631 | Spacer | 1 |
| 31 | 32149-1 | Nut - Keps | 2 |
| 32 | 302-5 | Fitting - Grease | 1 |
| 33 | 251-335 | Bearing | 1 |
| 34 | 63-6250 | Shaft - PTO Tension | 1 |
| 35 | 3230-4 | Bolt - Carriage | 2 |
| 36 | 256-299 | Bushing | 2 |
| 37 | 67-1800 | Pivot Plate (Incl. Ref. #32 & 36) | 1 |
| 38 | 3-4324 | Washer | 1 |
| 39 | 32121-32 | Pin - Roll | 1 |
| 40 | 63-6050 | Clutch - Electric | 1 |
| 41 | 63-8150 | Key | 1 |
| 42 | 63-6690 | Lever - Clutch Anchor | 1 |
| 43 | 323-34 | Screw - Cap Hex. Hd. | 1 |
| 44 | 63-6030 | Hub - Clutch | 1 |
| 46 | 43-2750 | Nut - Jam | 1 |
| 47 | 32151-83 | Snap Ring | 2 |
| 48 | 66-3160 | Screw | 1 |
| 49 | 3253-4 | Washer - Lock | 1 |
| 50 | 322-6 | Screw - Cap Hex. Hd. | 1 |

*Not Illustrated

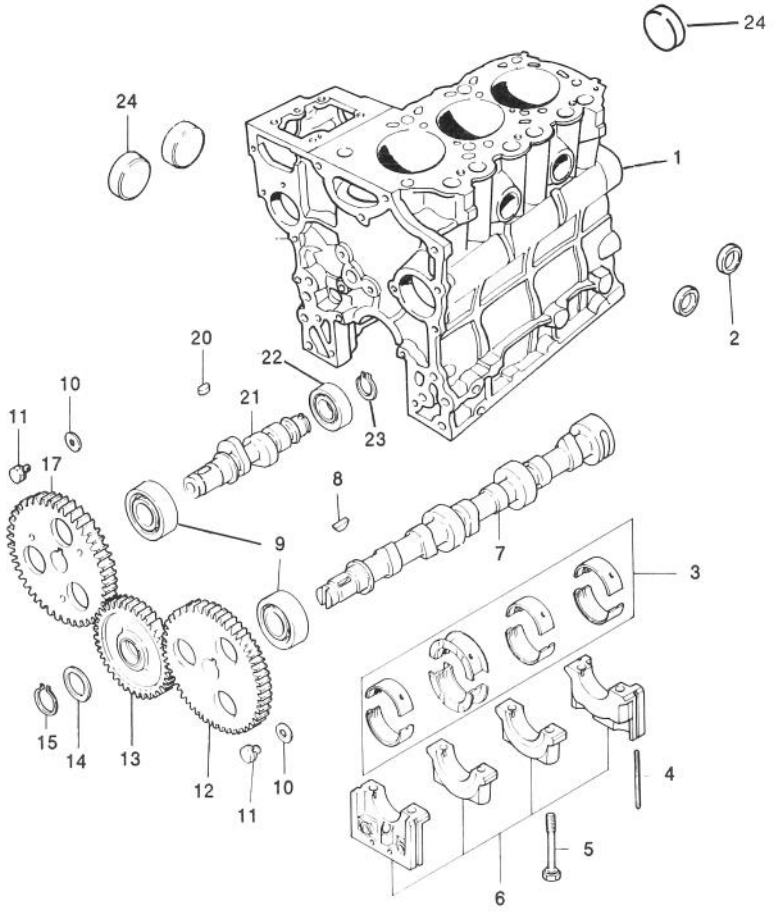



T-0544

# CLUTCH ASSEMBLY NO. 63-6050

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 67-7050 | Field Rotor Assembly (Incl. Ref. #2-4) | 1 |
| 2 | | Bearing - Field | 1 |
| 3 | | Ring - Retaining | 1 |
| 4 | | Field Coil Assembly | 1 |
| 5 | 67-7070 | Armature & Pulley Assembly (Incl. Ref. #6-8) | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 6 | 67-7080 | Collar - Bearing | 1 |
| 7 | 67-7090 | Bearing - Pulley | 1 |
| 8 | 67-7060 | Ring - Retaining | 1 |
| 9 | 3296-6 | Nut - Lock | 3 |
| 10 | 44-8320 | Spring | 3 |
| 11 | 67-7100 | Plate - Brake | 1 |

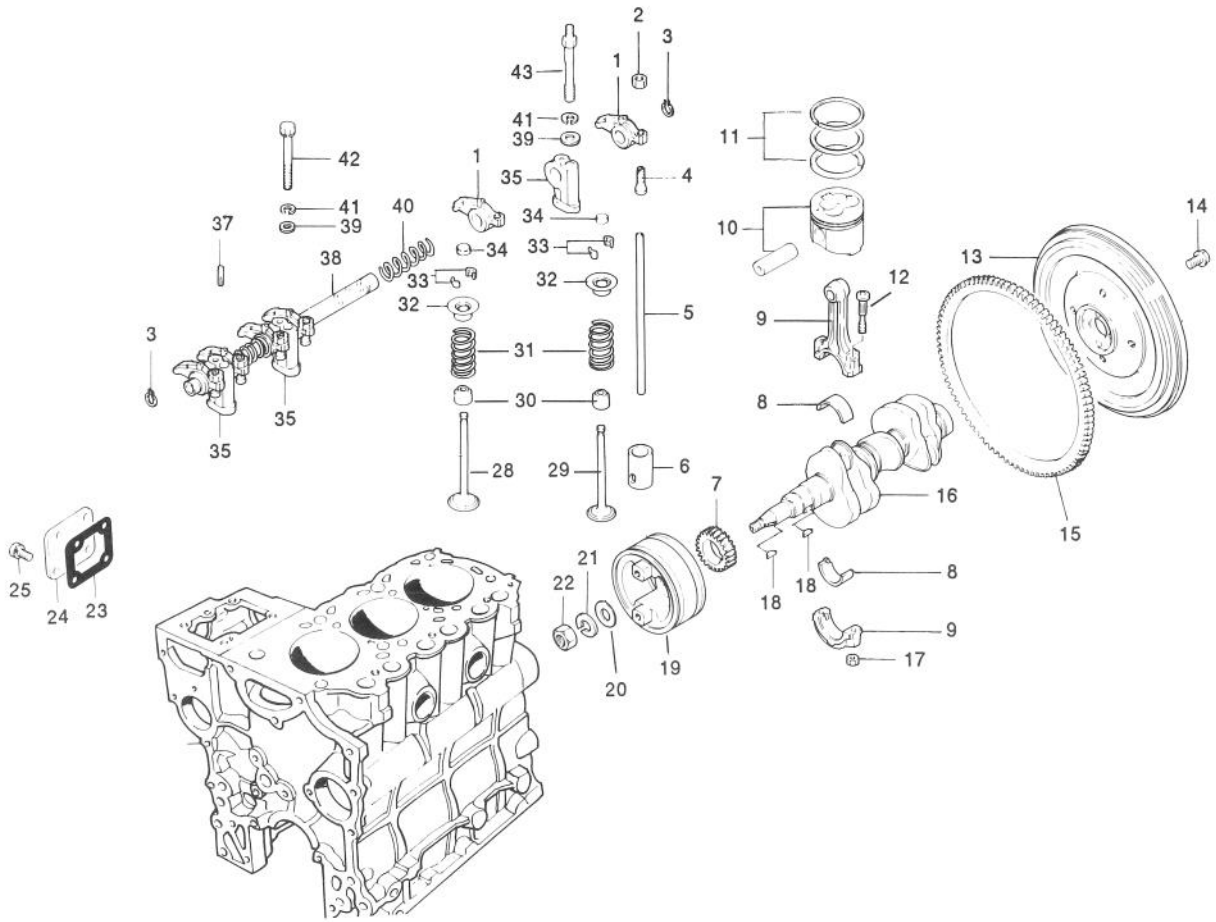



T-0564

# CAMSHAFT ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 67-2240 | Sub-Assembly - Block (Incl. Ref. #2, 5, 6 & 24) | 1 |
| 2 | 42-7080 | Cap | 2 |
| 3 | 75-4900 | Bearing Set STD | 1 |
| | 67-2410 | Bearing Set 0.25 | 1 |
| | 67-2420 | Bearing Set 0.50 | 1 |
| 4 | 67-2200 | Seal | 4 |
| 5 | 67-2250 | Bolt | 8 |
| 6 | | Assembly - Cap | 1 |
| 7 | 67-3010 | Cam Shaft | 1 |
| 8 | 56-0480 | Key - Woodruff | 1 |
| 9 | 67-3030 | Bearing | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 10 | 67-3000 | Washer | 2 |
| 11 | 42-9490 | Bolt w/Washer | 2 |
| 12 | 67-3020 | Gear | 1 |
| 13 | 67-3090 | Assembly - Gear | 1 |
| 14 | 67-3040 | Plate | 1 |
| 15 | 56-1060 | Ring - Retaining | 1 |
| 17 | 67-3070 | Gear | 1 |
| 20 | 42-7840 | Key | 1 |
| 21 | 67-3060 | Shaft | 1 |
| 22 | 67-3050 | Bearing | 1 |
| 23 | 67-3080 | Ring - Retaining | 1 |
| 24 | 56-0020 | Plug | 3 |

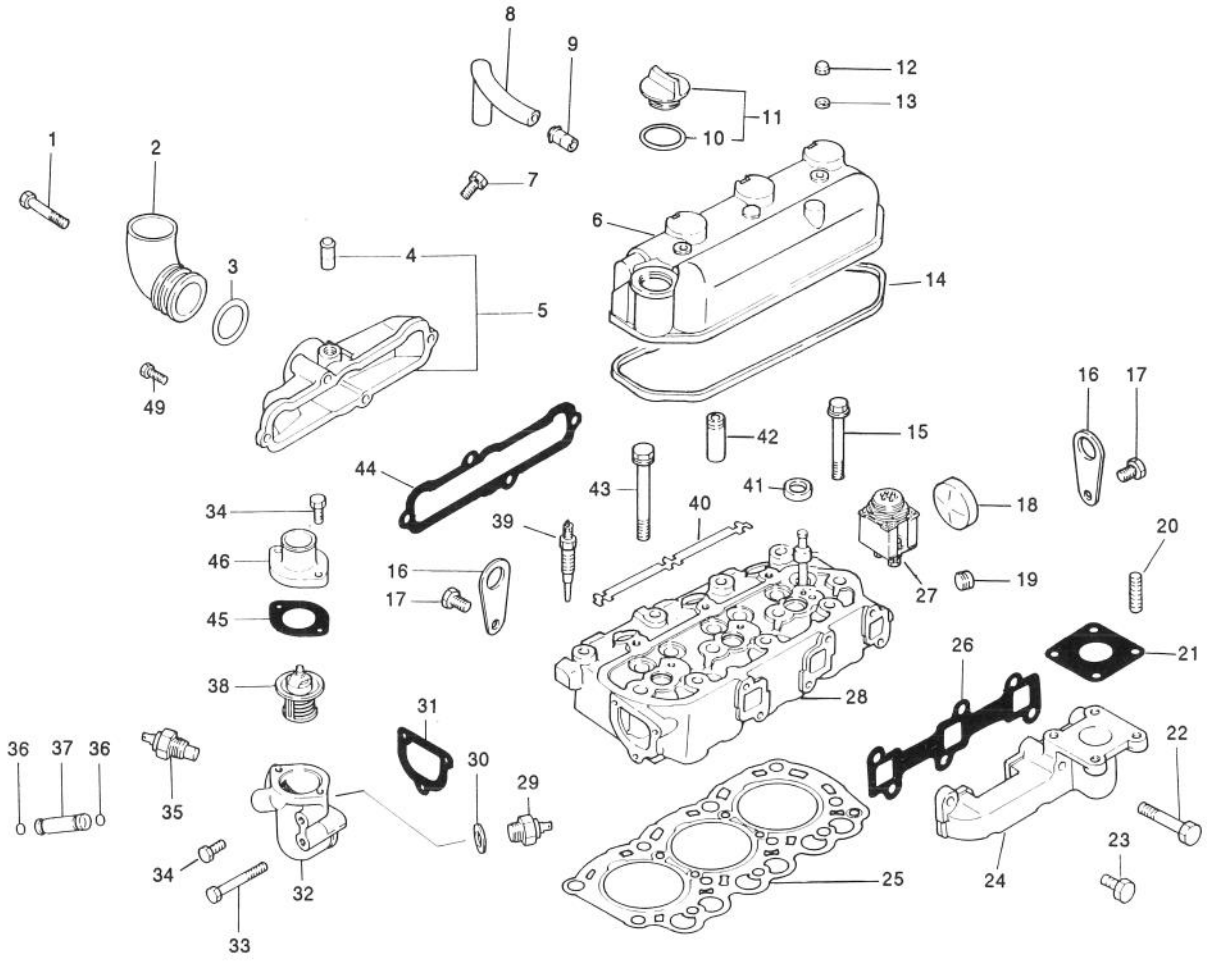


T-0565

# VALVES AND CRANKSHAFT ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 67-3160 | Arm - Rocker | 6 |
| 2 | 67-3230 | Nut - Jam | 6 |
| 3 | 67-3240 | Ring - Retaining | 2 |
| 4 | 67-3210 | Screw - Adjusting | 6 |
| 5 | 67-3150 | Rod - Push | 6 |
| 6 | 67-3120 | Tappet | 6 |
| 7 | 67-2910 | Gear | 1 |
| 8 | 75-5010 | Bearing Set STD | 3 |
| | 67-2890 | Bearing Set 0.25 US | 3 |
| | 67-2900 | Bearing Set 0.50 US | 3 |
| 9 | 67-2850 | Assembly - Connecting Rod (Incl. Ref. #12 & 17) | 3 |
| 10 | 68-8310 | Piston & Pin Set STD | 3 |
| | 68-8320 | Piston & Pin Set 0.25 OS | 3 |
| | 68-8330 | Piston & Pin Set 0.50 OS | 3 |
| 11 | 67-2790 | Ring Set STD | 3 |
| | 67-2800 | Ring Set 0.25 OS | 3 |
| | 67-2810 | Ring Set 0.5005 | 3 |
| 12 | 67-2860 | Bolt | 6 |
| 13 | 67-2970 | Assembly - Fly Wheel (Incl. Ref. #14) | 1 |
| 14 | 67-2990 | Bolt | 4 |
| 15 | 67-2980 | Gear - Ring | 1 |
| 16 | 67-2920 | Crankshaft | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 17 | 42-9590 | Nut | 6 |
| 18 | 56-0480 | Key - Woodruff | 2 |
| 19 | 67-2930 | Pulley - Crankshaft | 1 |
| 20 | 67-2950 | Washer | 1 |
| 21 | 67-2960 | Washer - Lock | 1 |
| 22 | 67-2940 | Nut - Jam | 1 |
| 23 | 67-4310 | Gasket | 1 |
| 24 | 67-4250 | Cover | 1 |
| 25 | 42-9440 | Bolt W/Washer | 4 |
| 28 | 67-3130 | Valve - Intake | 3 |
| 29 | 67-3140 | Valve - Exhaust | 3 |
| 30 | 42-7870 | Seal | 6 |
| 31 | 67-3110 | Spring | 6 |
| 32 | 67-3100 | Retainer | 6 |
| 33 | 42-7860 | Lock | 12 |
| 34 | 67-3180 | Cap | 6 |
| 35 | 67-3200 | Stay - Rocker | 3 |
| 37 | 67-3220 | Pin | 1 |
| 38 | 67-3190 | Assy. - Shaft, (Rocker) | 1 |
| 39 | 42-9660 | Washer | 4 |
| 40 | 67-3170 | Spring | 2 |
| 41 | 67-3260 | Washer | 6 |
| 42 | 42-9510 | Bolt | 1 |
| 43 | 67-3250 | Bolt - Rockers, Stay | 2 |

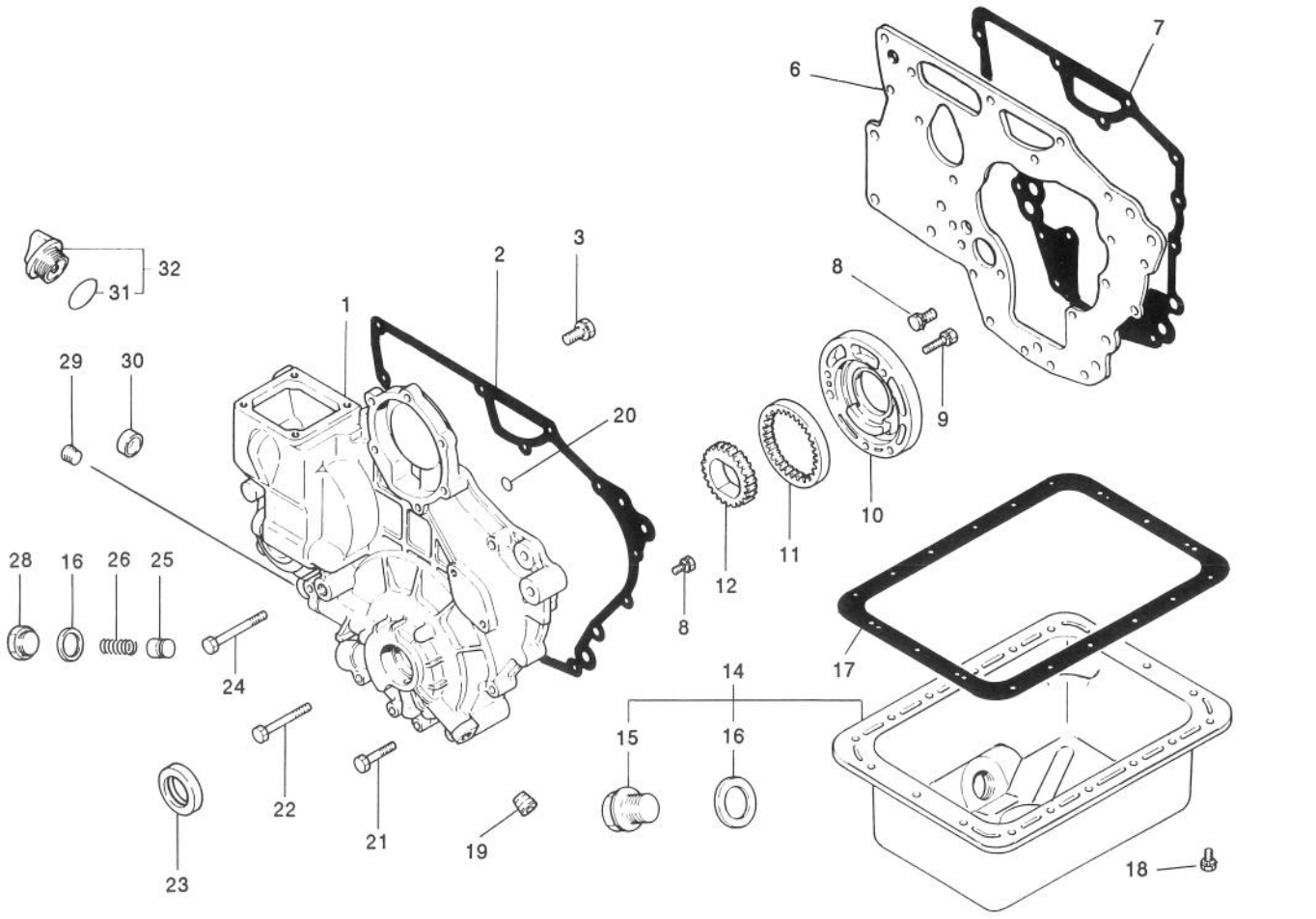



T-0566

# CYLINDER HEAD ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 67-4400 | Bolt | 2 |
| 2 | 67-4520 | Pipe | 1 |
| 3 | 67-4540 | O-Ring | 1 |
| 4 | 42-7510 | Pipe | 1 |
| 5 | 67-4530 | Sub-Assy. Cover (Intake) | 1 |
| 6 | 67-2750 | Assembly - Cover (Incl. Ref. #9) | 1 |
| 7 | 42-9430 | Bolt w/Washer | 1 |
| 8 | 67-2670 | Hose - Breather | 1 |
| 9 | 42-7510 | Pipe | 1 |
| 10 | 67-2660 | O-Ring | 1 |
| 11 | 67-2650 | Assy. - Cap (Oil Filler) | 1 |
| 12 | 67-2770 | Nut - Cap | 2 |
| 13 | 67-2780 | Washer | 2 |
| 14 | 67-2760 | Gasket | 1 |
| 15 | 67-2740 | Bolt - Flange | 3 |
| 16 | 67-2680 | Hanger - Engine | 2 |
| 17 | 67-2340 | Bolt w/Washer | 2 |
| 18 | 56-0020 | Plug - Expansion | 1 |
| 19 | 67-2570 | Plug - Taper | 1 |
| 20 | 42-9570 | Stud | 4 |
| 21 | 42-9110 | Gasket | 1 |
| 22 | 67-4580 | Bolt | 2 |
| 23 | 67-4590 | Bolt | 4 |
| 24 | 67-4560 | Manifold - Exhaust | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 25 | 67-2720 | Gasket - Cylinder Head | 1 |
| 26 | 67-4570 | Gasket - Exhaust Manifold | 1 |
| 27 | 67-4700 | Lamp - Glow | 1 |
| 28 | 67-2690 | Assembly - Cylinder Head (Incl. Ref. #18, 41 & 42) | 1 |
| 29 | 67-4500 | Assy. - Switch - (Thermo) | 1 |
| 30 | 67-4490 | Gasket | 1 |
| 31 | 67-4460 | Gasket (Thermostat Fitting) | 1 |
| 32 | 67-4450 | Fitting - Thermostat | 1 |
| 33 | 67-4470 | Bolt | 1 |
| 34 | 67-2330 | Bolt | 4 |
| 35 | 67-4510 | Gauge Nut - Water Temp. | 1 |
| 36 | 43-2710 | O-Ring | 2 |
| 37 | 67-4480 | Pipe - By-Pass | 1 |
| 38 | 67-4440 | Thermostat | 1 |
| 39 | 67-4680 | Plug - Glow | 3 |
| 40 | 67-4690 | Plate - Glow Plug | 1 |
| 41 | 67-2710 | Cap - Sealing | 3 |
| 42 | 67-2700 | Guide - Valve | 6 |
| 43 | 67-2730 | Bolt | 8 |
| 44 | 67-4550 | Gasket - Intake Manifold | 1 |
| 45 | 67-4430 | Gasket - Water Outlet | 1 |
| 46 | 67-4420 | Fitting - Water Outlet | 1 |
| 49 | 67-2330 | Bolt | 2 |



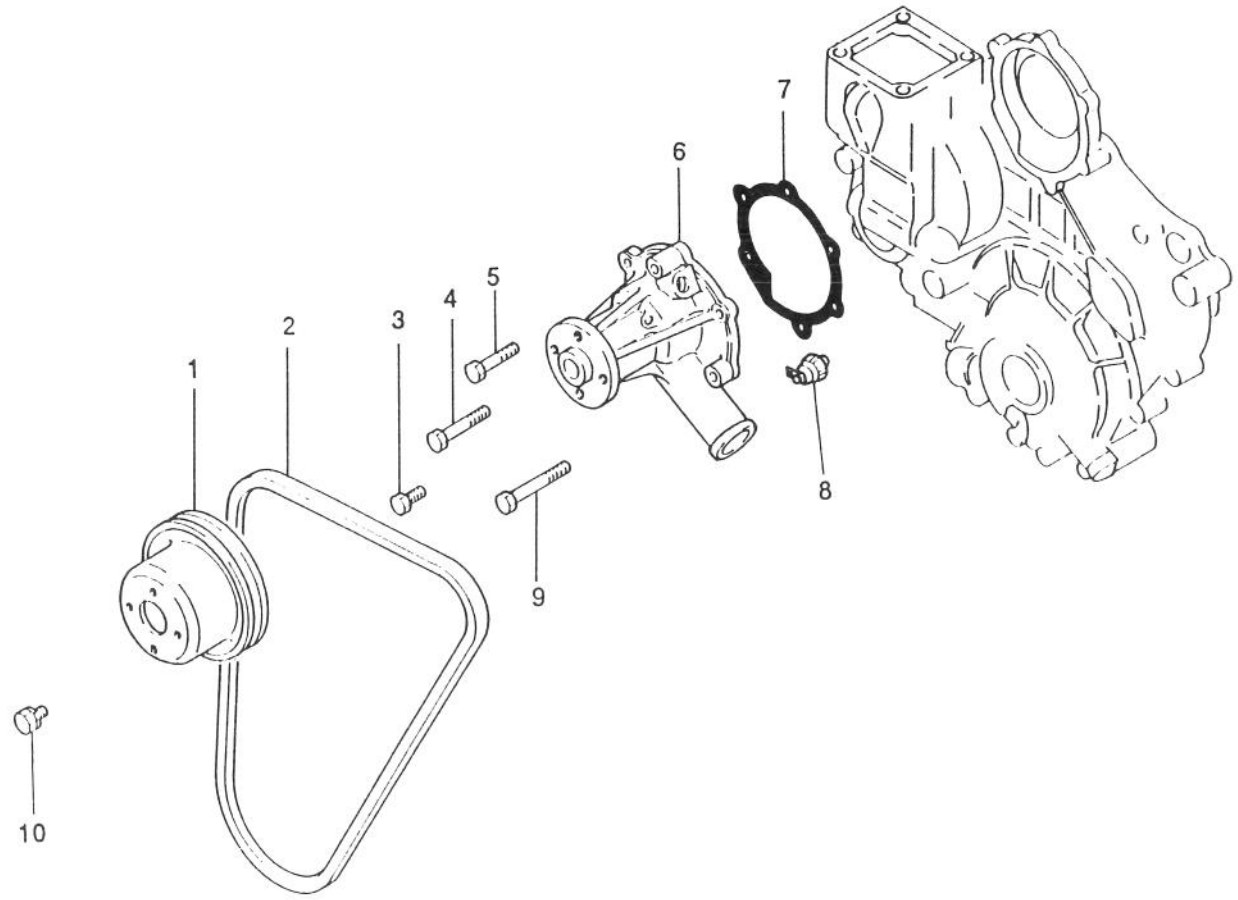

T-0567

# CRANKCASE ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 67-2490 | Sub-Assembly - Case | 1 |
| 2 | 67-2580 | Gasket - Case | 1 |
| 3 | 67-2340 | Bolt w/Washer | 3 |
| 6 | 67-2310 | Plate | 1 |
| 7 | 67-2320 | Gasket - Plate | 1 |
| 8 | 42-9440 | Bolt w/Washer | 11 |
| 9 | 67-2560 | Bolt w/Washer | 3 |
| 10 | 67-2550 | Housing - Oil Pump | 1 |
| 11 | 67-2540 | Gear - Outer | 1 |
| 12 | 67-2530 | Gear - Inner | 1 |
| 14 | 67-2470 | Assembly - Pan (Oil) (Incl. Ref. #15-16) | 1 |
| 15 | 42-9260 | Plug | 1 |
| 16 | 42-7290 | Gasket - Oil Drain | 2 |
| 17 | 67-2480 | Gasket - Oil Pan | 1 |
| 18 | 42-9490 | Bolt w/Washer | 18 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 19 | 42-7210 | Plug | 1 |
| 20 | 67-2630 | O-Ring | 2 |
| 21 | 67-2600 | Bolt | 3 |
| 22 | 67-2610 | Bolt | 4 |
| 23 | 67-2590 | Oil Seal | 1 |
| 24 | 67-2620 | Bolt | 1 |
| 25 | 67-2500 | Plunger | 1 |
| 26 | 67-2510 | Spring | 1 |
| 28 | 67-2520 | Plug | 1 |
| 29 | 67-2570 | Plug | 1 |
| 30 | 67-2640 | Cap | 1 |
| 31 | 67-2660 | O-Ring | 1 |
| 32 | 67-2650 | Assembly - Cap, Oil Fill (Inc. Ref. #31) | 1 |
| * | 75-5040 | Gasket Kit | 1 |

*Not Illustrated

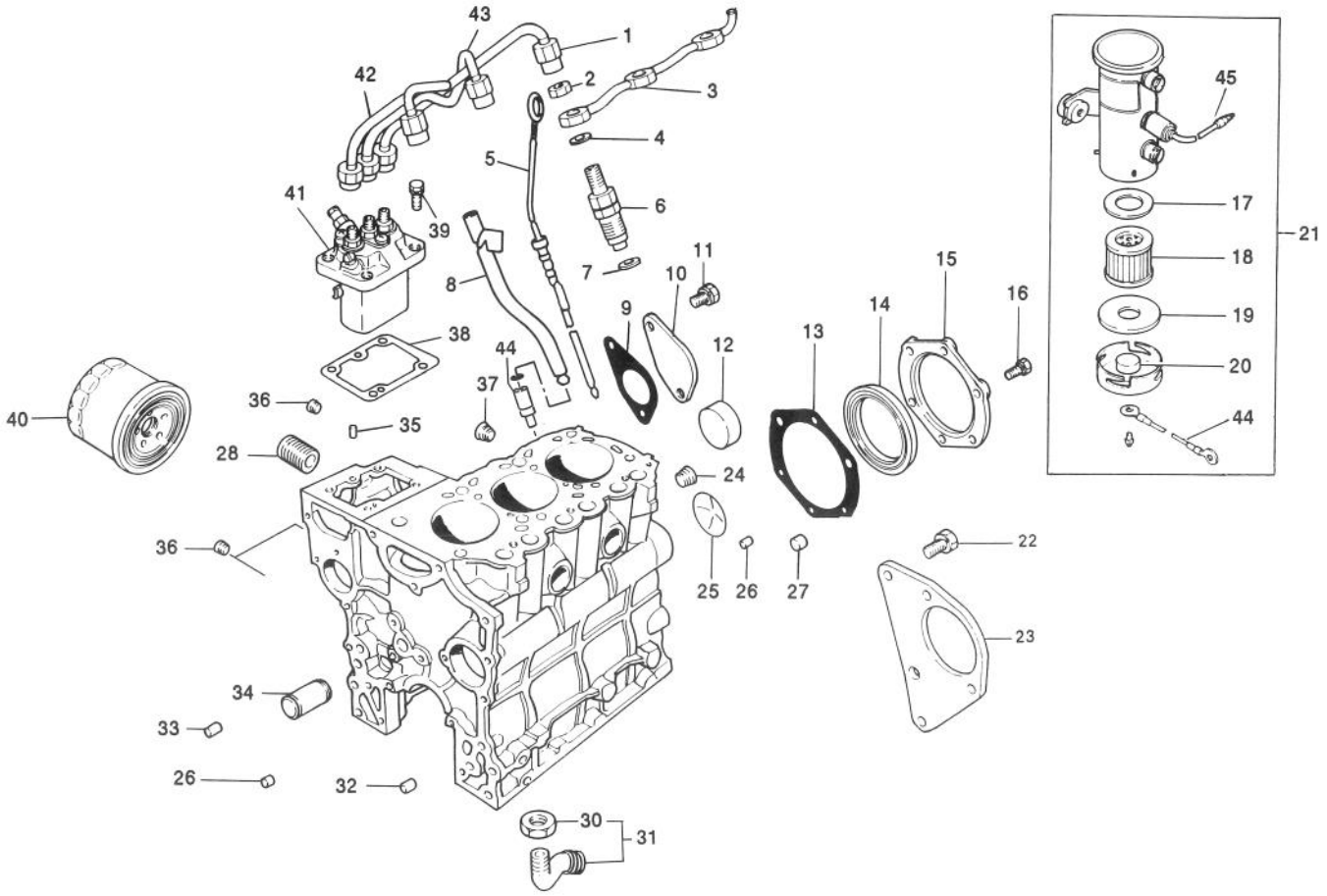



T-0568

# WATER PUMP ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 67-4360 | Pulley | 1 |
| 2 | 67-4410 | V-Belt | 1 |
| 3 | 67-2330 | Bolt | 2 |
| 4 | 67-4400 | Bolt | 1 |
| 5 | 67-2600 | Bolt | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 6 | 67-4380 | Assembly - Pump | 1 |
| 7 | 67-4390 | Gasket | 1 |
| 8 | 67-4350 | Assy. - Switch (Oil Press.) | 1 |
| 9 | 67-2610 | Bolt | 2 |
| 10 | 42-9490 | Bolt w/Washer | 4 |

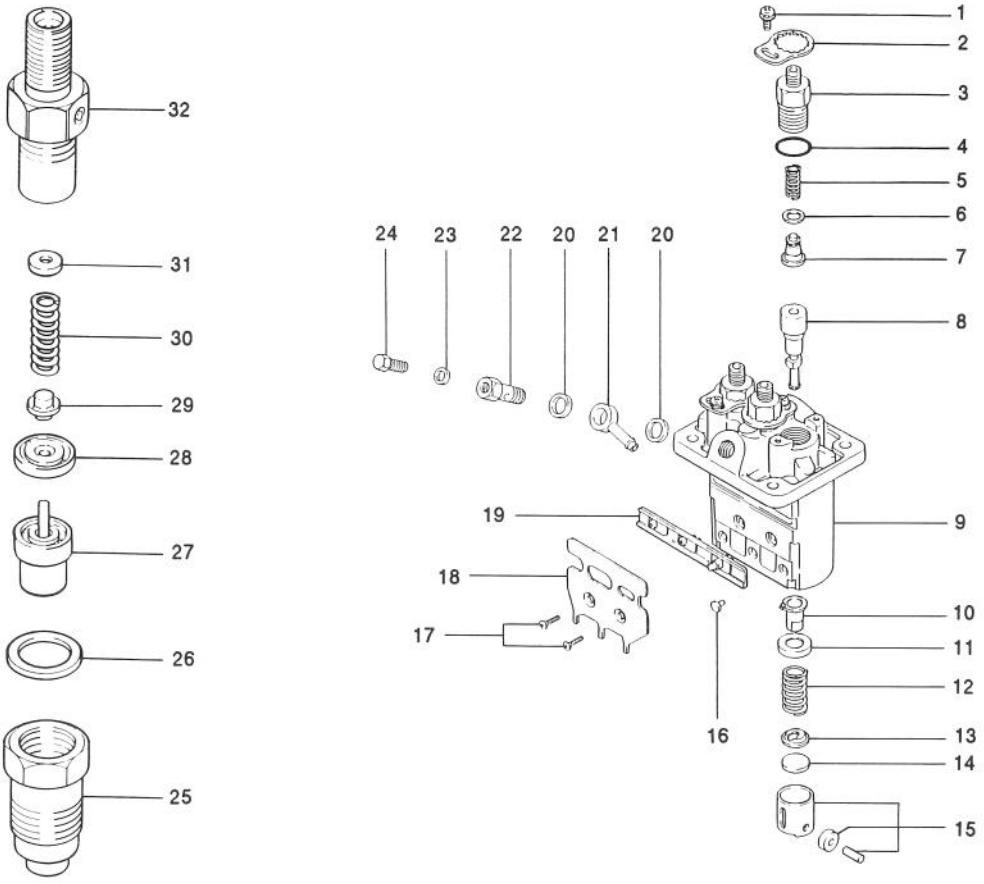



T-0569A

# FUEL SUPPLY & ENGINE BLOCK ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 67-3420 | Assy. - Pipe No. 3 | 1 |
| 2 | 67-3430 | Nut | 3 |
| 3 | 67-3450 | Pipe - Fuel Return | 1 |
| 4 | 67-3440 | Gasket | 3 |
| 5 | 67-2450 | Dipstick | 1 |
| 6 | 67-3380 | Assembly - Nozzle/Holder | 1 |
| 7 | 67-3390 | Gasket | 3 |
| 8 | 67-2220 | Guide | 1 |
| 9 | 67-2300 | Gasket | 1 |
| 10 | 67-2290 | Cover | 1 |
| 11 | 67-2340 | Bolt w/Washer | 2 |
| 12 | 56-0020 | Plug | 3 |
| 13 | 67-2280 | Gasket | 1 |
| 14 | 67-2230 | Oil Seal | 1 |
| 15 | 67-2270 | Case | 1 |
| 16 | 67-2330 | Bolt | 6 |
| 17 | 43-2570 | Gasket | 1 |
| 18 | 43-2550 | Filter | 1 |
| 19 | 43-2560 | Gasket | 1 |
| 20 | 43-2580 | Magnet | 1 |
| 21 | 53-8150 | Assembly - Pump (Incl. Ref. #17-20) | 1 |
| 22 | 67-2440 | Bolt w/Washer | 3 |
| 23 | 67-2430 | Bracket | 1 |
| 24 | 67-2390 | Plug | 1 |
| 25 | 67-2350 | Plug | 1 |
| 26 | 67-2360 | Bushing | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 27 | 67-2380 | Bushing | 3 |
| 28 | 56-1230 | Shaft - Oil Filter | 1 |
| 30 | 42-9650 | Nut - Jam | 1 |
| 31 | 67-4340 | Assembly - Screen (Incl. Ref. #30) | 1 |
| 32 | 67-2370 | Bushing | 1 |
| 33 | 42-7190 | Bushing | 2 |
| 34 | 67-2260 | Shaft - Idler | 1 |
| 35 | 56-0220 | Pin | 2 |
| 36 | 67-2210 | Plug | 3 |
| 37 | 56-0100 | Plug | 1 |
| 38 | 67-3280 | Shim 0.2 | 1 |
| * | 67-3290 | Shim 0.3 | 1 |
| * | 67-3300 | Shim 0.5 | 1 |
| * | 67-3310 | Shim 0.4 | 1 |
| * | 67-3320 | Shim 0.6 | 1 |
| * | 67-3330 | Shim 0.7 | 1 |
| * | 67-3340 | Shim 0.8 | 1 |
| * | 67-3350 | Shim 0.9 | 1 |
| * | 67-3360 | Shim 1.0 | 1 |
| 39 | 67-3370 | Bolt w/Washer | 4 |
| 40 | 67-4330 | Assembly - Filter, Oil | 1 |
| 41 | 67-3270 | Assembly - Pump | 1 |
| 42 | 67-3400 | Assy. - Pipe No. 1 | 1 |
| 43 | 67-3410 | Assy. - Pipe No. 2 | 1 |
| 44 | 218-579 | Wire - Fuel Pump | 1 |
| 45 | 70-8530 | Wire - Fuel Pump | 1 |



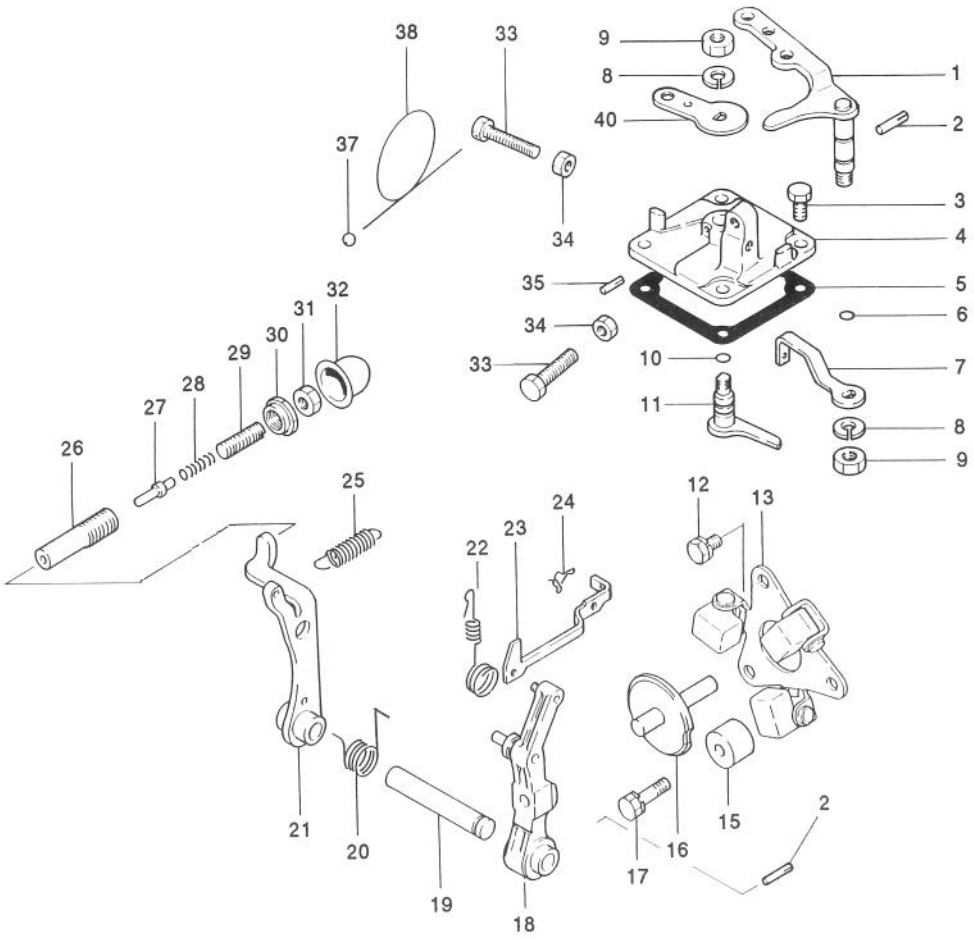

T-0570

# FUEL INJECTION PUMP ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 67-3770 | Screw w/Washer | 3 |
| 2 | 67-3760 | Plate - Lock | 3 |
| 3 | 67-3470 | Holder - Delivery Valve | 3 |
| 4 | 67-3480 | O-Ring | 3 |
| 5 | 67-3490 | Spring | 3 |
| 6 | 42-8240 | Gasket | 3 |
| 7 | 67-3500 | Sub-Assy. - Valve | 3 |
| 8 | 67-3510 | Sub-Assy. - Element | 3 |
| 9 | 67-3460 | Sub-Assy. - Housing | 1 |
| 10 | 67-3520 | Sub-Assy. - Sleeve | 3 |
| 11 | 67-3530 | Seat | 3 |
| 12 | 67-3540 | Spring | 3 |
| 13 | 67-3550 | Seat | 3 |
| 14 | 67-3560 | Plate - Shim 1.85 | 1 |
| * | 67-3570 | Plate - Shim 1.9 | |
| * | 67-3580 | Plate - Shim 1.95 | |
| * | 67-3590 | Plate - Shim 2.0 | |
| * | 67-3600 | Plate - Shim 2.05 | |
| * | 67-3610 | Plate - Shim 2.1 | |
| * | 67-3620 | Plate - Shim 2.15 | |
| * | 67-3630 | Plate - Shim 2.2 | |
| * | 67-3640 | Plate - Shim 2.25 | |
| * | 67-3650 | Plate - Shim 2.3 | |
| * | 67-3660 | Plate - Shim 2.35 | |
| * | 67-3670 | Plate - Shim 2.4 | |
| * | 67-3680 | Plate - Shim 2.45 | |
| * | 67-3690 | Plate - Shim 2.5 | |
| 15 | 67-3700 | Assembly - Tappet | 3 |
| 16 | 67-3810 | Pin | 3 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 17 | 67-3790 | Screw | 2 |
| 18 | 67-3800 | Bracket | 1 |
| 19 | 67-3780 | Assembly - Rack | 1 |
| 20 | 67-3750 | Washer | 2 |
| 21 | 67-3740 | Nipple | 1 |
| 22 | 67-3730 | Screw | 1 |
| 23 | 67-3720 | Washer | 1 |
| 24 | 67-3710 | Screw - Air Bleed | 1 |
| 25 | 67-3970 | Nut | 3 |
| 26 | 67-3980 | Gasket | 3 |
| 27 | 67-3960 | Assembly - Nozzle | 3 |
| 28 | 67-3950 | Piece | 3 |
| 29 | 67-3940 | Pin | 3 |
| 30 | 67-3930 | Spring | 3 |
| 31 | 67-3830 | Washer 1.25 | 1 |
| * | 67-3840 | Washer 1.3 | |
| * | 67-3850 | Washer 1.35 | |
| * | 67-3860 | Washer 1.4 | |
| * | 67-3870 | Washer 1.45 | |
| * | 67-3880 | Washer 1.5 | |
| * | 67-3890 | Washer 1.55 | |
| * | 67-3900 | Washer 1.6 | |
| * | 67-3910 | Washer 1.65 | |
| * | 67-3920 | Washer 1.7 | |
| 32 | 75-5000 | Body Sub-Assy. | 3 |
| * | 53-8150 | Assembly - Pump (Incl. Ref. #1-24) | 1 |
| * | 67-3380 | Assembly - Nozzle & Holder (Incl. Ref. #25-32) | 3 |

*Not Illustrated



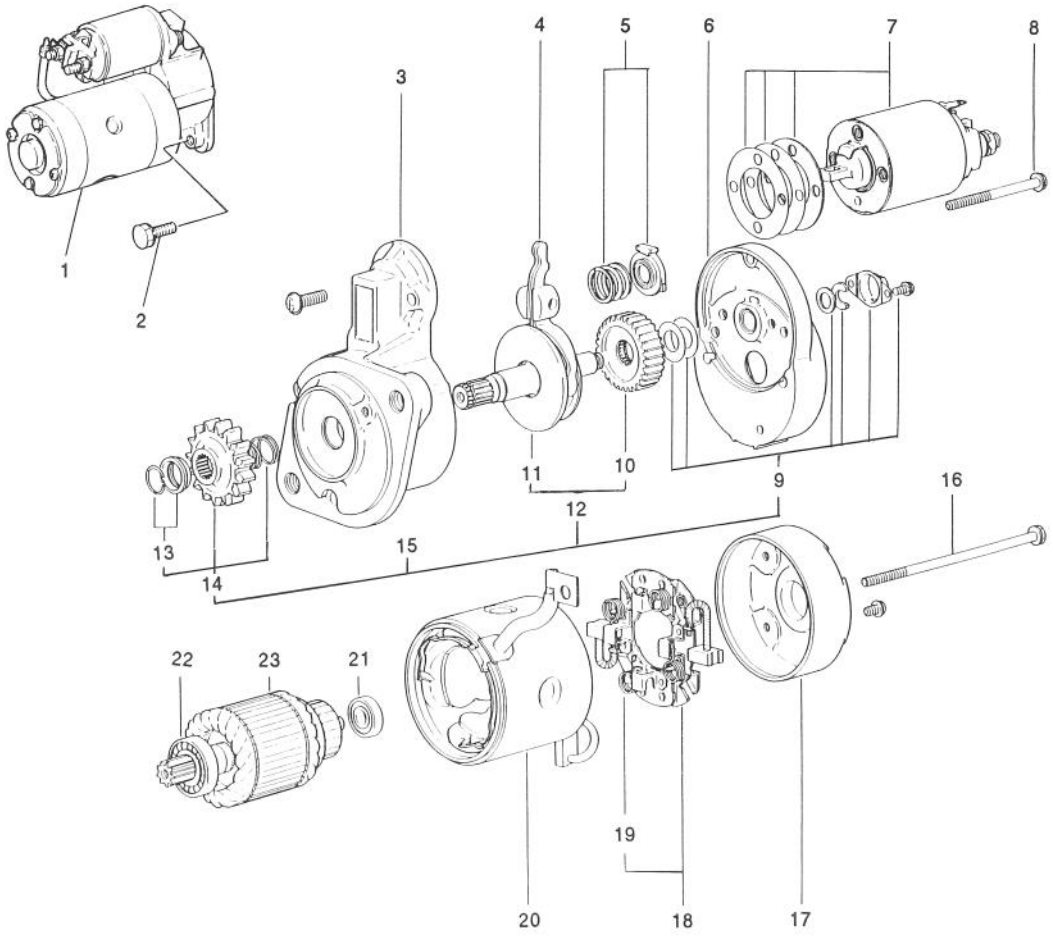

T-0571

# GOVERNOR ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 67-3990 | Assembly - Lever (Speed Control) | 1 |
| 2 | 67-4000 | Pin | 2 |
| 3 | 67-4270 | Bolt | 4 |
| 4 | 67-4130 | Cover - Governor | 1 |
| 5 | 67-4160 | Gasket | 1 |
| 6 | 42-8830 | O-Ring | 1 |
| 7 | 67-4020 | Lever - Governor Spring | 1 |
| 8 | 67-3260 | Washer | 2 |
| 9 | 42-9640 | Nut - Jam | 2 |
| 10 | 42-8830 | O-Ring | 1 |
| 11 | 67-4140 | Assembly - Lever (Stop) | 1 |
| 12 | 42-9430 | Bolt w/Washer | 2 |
| 13 | 67-4040 | Assembly - Weight | 1 |
| 15 | 67-4010 | Stopper | 1 |
| 16 | 67-4070 | Assembly - Shaft (Sliding) | 1 |
| 17 | 67-4280 | Bolt w/Washer | 1 |
| 18 | 67-4060 | Assembly - Lever (Governor) | 1 |
| 19 | 67-4050 | Shaft | 1 |
| 20 | 67-5040 | Spring | 1 |
| 21 | 67-4090 | Assembly - Lever (Tension) | 1 |
| 22 | 67-4300 | Ring - Retaining | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 23 | 67-4030 | Rod - Tie | 1 |
| 24 | 67-4080 | Clip | 1 |
| 25 | 67-4260 | Spring | 1 |
| 26 | 67-4210 | Case - Torque Spring | 1 |
| 27 | 67-4230 | Stopper | 1 |
| 28 | 67-4190 | Spring - Torque | 1 |
| 29 | 67-4220 | Screw - Adjusting | 1 |
| 30 | 67-4200 | Nut - Special | 1 |
| 31 | 67-4180 | Nut | 1 |
| 32 | 67-4240 | Cap | 1 |
| 33 | 42-9420 | Bolt | 4 |
| 34 | 67-4290 | Nut | 4 |
| 35 | 67-4120 | Pin | 1 |
| 37 | 42-8690 | Metal - Sealing | 1 |
| 38 | 42-8700 | Wire | 1 |
| 40 | 67-4150 | Lever - Stop | 1 |
| * | 67-4110 | Assembly - Cover (Incl. Ref.#4, 10, 11, 35 & 40-42) | 1 |
| * | 67-4170 | Spring Set (Incl. Ref. #26-31) | 1 |

*Not Illustrated

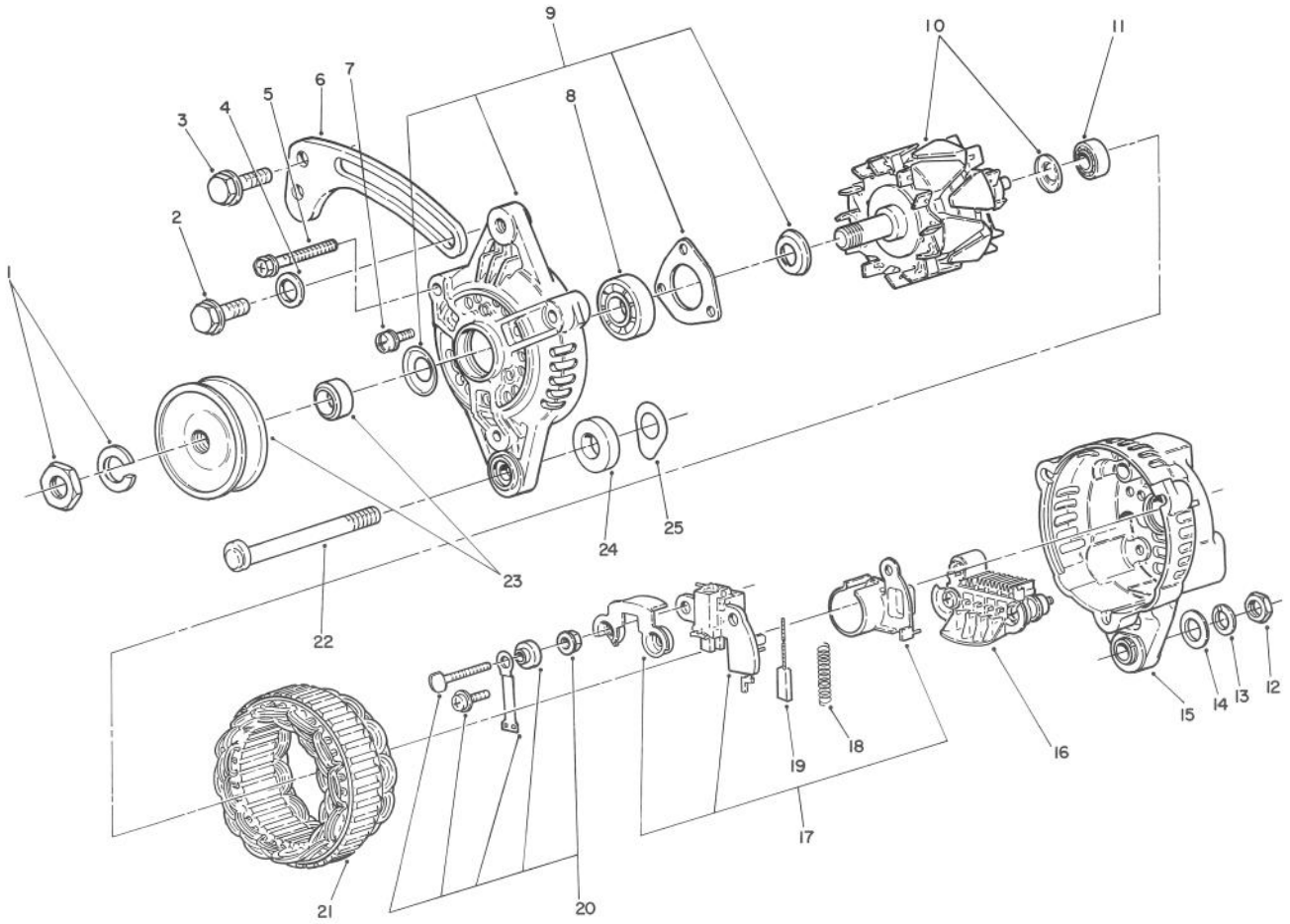



T-0572

# STARTER ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 67-4600 | Assembly - Starter (Incl. Ref. #3-23) | 1 |
| 2 | 67-4610 | Bolt w/Washer | 2 |
| 3 | 67-4710 | Assembly - Bracket (Front) | 1 |
| 4 | 67-4720 | Assembly - Lever | 1 |
| 5 | 67-4730 | Spring Set | 1 |
| 6 | 67-4740 | Assy. - Bracket (Center) | 1 |
| 7 | 67-4750 | Assembly - Switch | 1 |
| 8 | 52-1570 | Bolt Set | 1 |
| 9 | 56-1680 | Cover Set | 1 |
| 10 | 56-1670 | Gear | 1 |
| 11 | 67-4790 | Assembly - Shaft | 1 |
| 12 | 67-4780 | Gear Set (Incl. Ref. #10 & 11) | 1 |
| 13 | 56-1640 | Stopper Set | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 14 | 67-4770 | Pinion Set (Incl. Ref. #13) | 1 |
| 15 | 67-4760 | Assembly - Shaft (Incl. Ref. #9 - 12 & 14) | 1 |
| 16 | 56-1610 | Bolt | 1 |
| 17 | 56-1720 | Assy. - Bracket (Rear) | 1 |
| 18 | 56-1700 | Assembly - Holder (Brush) (Incl. Ref. #19) | 1 |
| 19 | 56-1710 | Spring - Brush | 4 |
| 20 | 67-4800 | Assembly - Yoke | 1 |
| 21 | 56-1600 | Bearing - Rear | 1 |
| 22 | 56-1590 | Bearing - Front | 1 |
| 23 | 56-1580 | Armature Set (Incl. Ref. #21 & 22) | 1 |



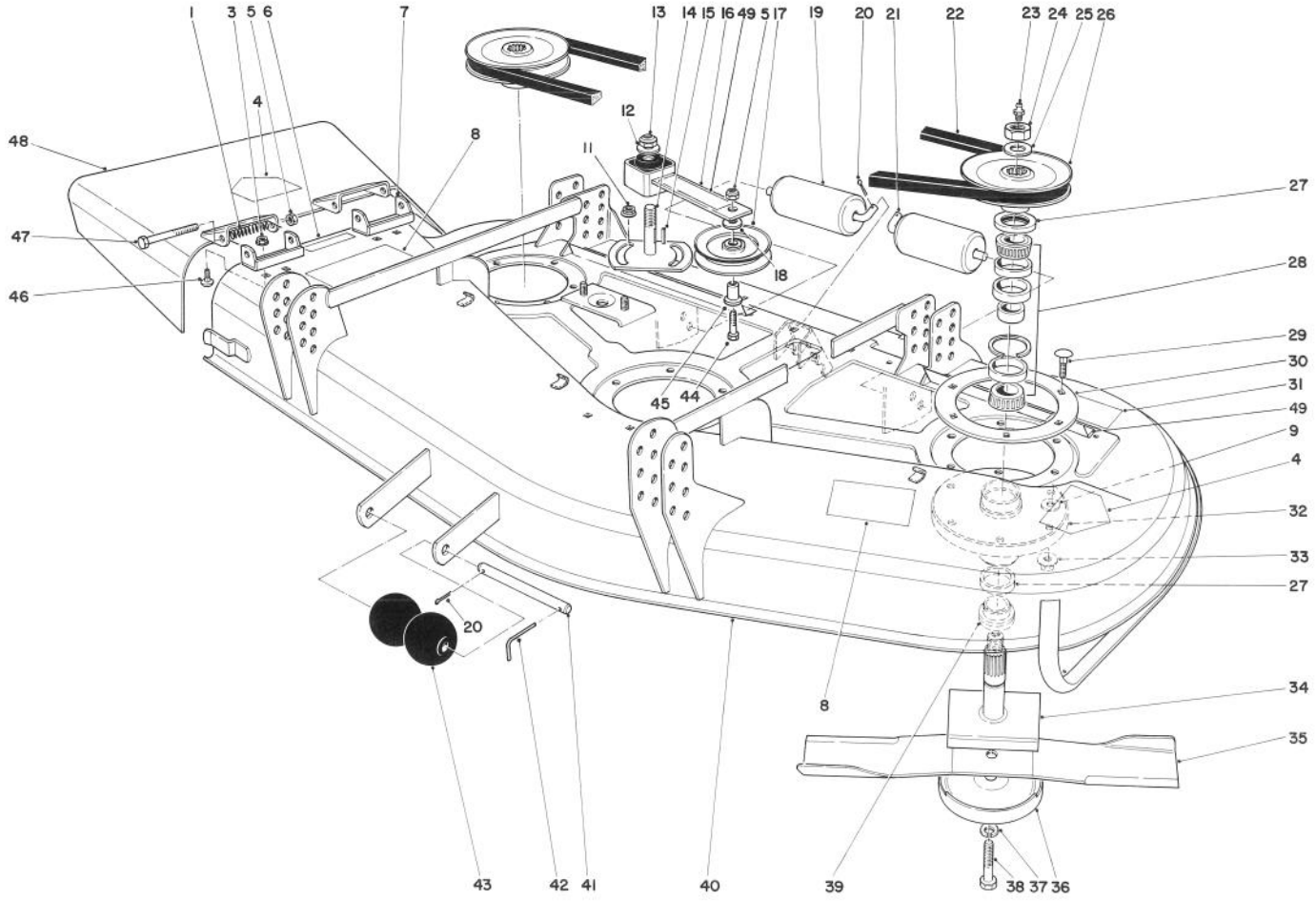

T-0832

# ALTERNATOR ASSEMBLY

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 43-1920 | Nut - Set | 1 |
| 2 | 67-4660 | Bolt - Flange | 1 |
| 3 | 42-9440 | Bolt w/Washer | 1 |
| 4 | 54-8660 | Washer - Flat | 1 |
| 5 | 67-4820 | Bolt Set | 1 |
| 6 | 75-4940 | Brace - Generator | 1 |
| 7 | 67-4840 | Screw - Set | 1 |
| 8 | 67-4850 | Bearing - Front | 1 |
| 9 | 67-4830 | Assembly - Bracket, Front (Incl. Ref. #7 & 8) | 1 |
| 10 | 67-4860 | Assembly - Rotor (Incl. Ref. #11) | 1 |
| 11 | 67-4870 | Bearing - Rear | 1 |
| 12 | 67-4670 | Nut | 1 |
| 13 | 67-3260 | Washer - Lock | 1 |
| 14 | 42-9660 | Washer - Flat | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 15 | 67-4890 | Assembly - Bracket, Rear (Incl. Ref. #16-20) | 1 |
| 16 | 67-4930 | Assembly - Rectifier | 1 |
| 17 | 67-4910 | Assembly - Regulator (Incl. Ref. #18 & 19) | 1 |
| 18 | 43-0510 | Spring - Brush | 2 |
| 19 | 67-4920 | Brush | 2 |
| 20 | 67-4900 | Terminal Set | 1 |
| 21 | 67-4880 | Assembly - Stator | 1 |
| 22 | 67-4640 | Bolt | 1 |
| 23 | 67-4810 | Pulley Set | 1 |
| 24 | 67-46209 | Spacer | 1 |
| 25 | 43-0370 | Shim | 5 |
| * | 67-4630 | Assembly - Alternator (Incl. Ref. #1-25) | 1 |

*Not Illustrated



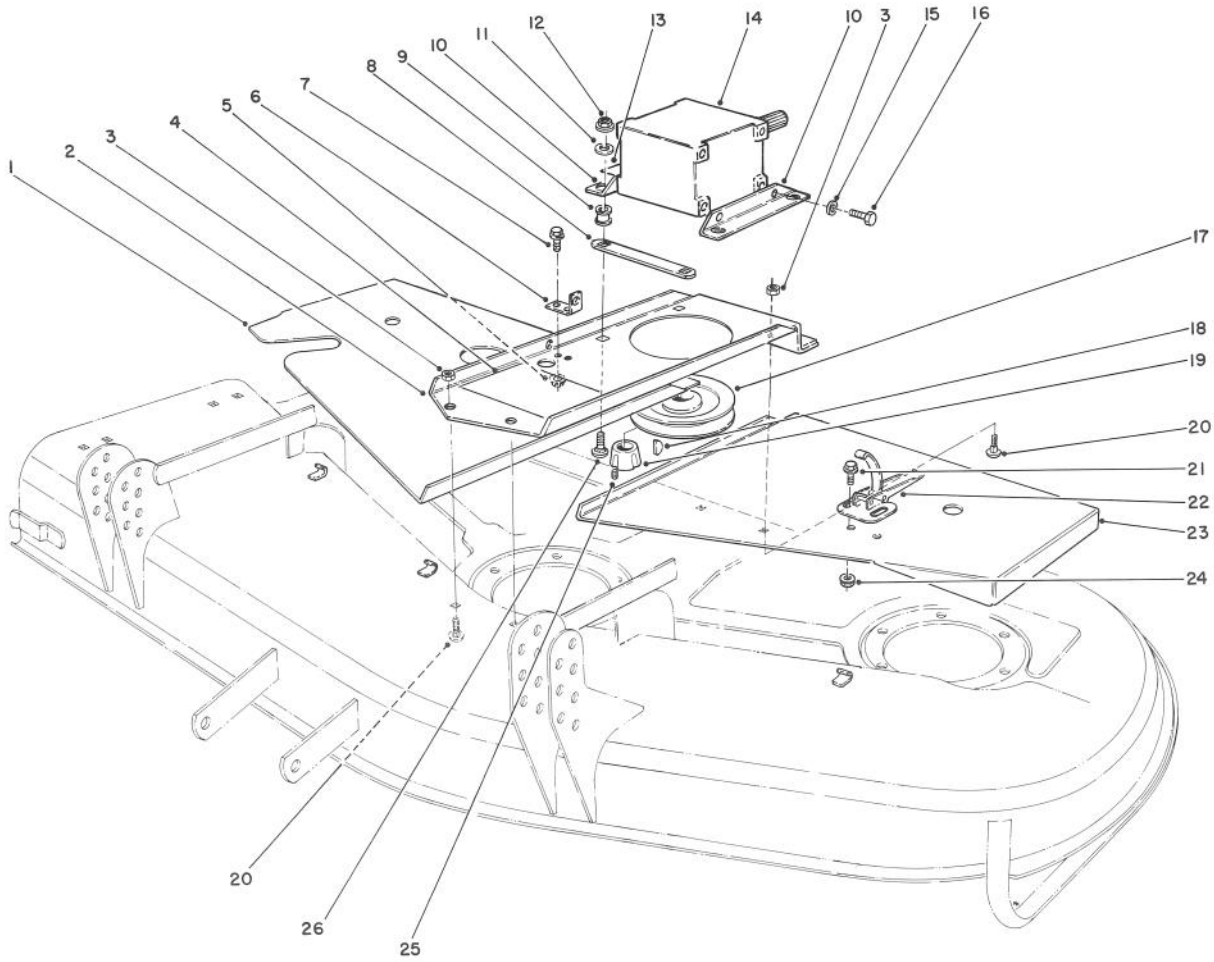

T-0574

# 52" CUTTING UNIT MODEL NO. 30555

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 40-6230 | Spring - Torsion | 2 |
| 3 | 32128-20 | Nut - Lock | |
| 4 | 43-8480 | Decal - Danger | 2 |
| 5 | 3296-5 | Nut - Lock | 3 |
| 6 | 66-6380 | Decal - Deflector Missing | 1 |
| 7 | 29-5590 | Pivot Bracket - Deflector | 2 |
| 8 | 66-1340 | Decal - Danger | 2 |
| 9 | 3256-24 | Washer - Flat | 18 |
| 11 | 3290-357 | Nut - Flange | 2 |
| 12 | 3256-27 | Washer - Flat | 1 |
| 13 | 3296-33 | Nut -Lock | 1 |
| 14 | 28-9060 | Plate - Idler | 1 |
| 15 | 5-1077 | Key - Square | 1 |
| 16 | 27-8580 | Idler Socket | 1 |
| 17 | 65-5940 | Pulley - Idler | 1 |
| 18 | 7-0081 | Washer - Special | 1 |
| 19 | 36-1740 | Roller - Deck | 2 |
| 20 | 3272-11 | Pin - Cotter | 3 |
| 21 | 40-0340 | Shaft - Rear Roller | 2 |
| 22 | 27-1160 | V-Belt | 1 |
| 23 | 302-2 | Fitting - Grease | 3 |
| 24 | 32146-20 | Nut - Lock | 3 |
| 25 | 7-4150 | Washer | 3 |
| 26 | 27-0970 | Pulley | 3 |
| 27 | 253-139 | Seal - Wave | 6 |
| 28 | 46-8530 | Assembly - Bearing | 3 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 29 | 3231-22 | Bolt - Carriage | 18 |
| 30 | 27-7680 | Ring - Deck Support | 3 |
| 31 | 68-8340 | Decal - Blade Bolt Torque | 1 |
| 32 | 61-4160 | Housing - Spindle | 3 |
| 33 | 32128-21 | Nut - Flange | 18 |
| 34 | 27-0920 | Spindle - Shaft | 3 |
| 35 | 27-0990 | Blade | 3 |
| 36 | 72-9361 | Anti-Scalp Cup | 3 |
| 37 | 3253-27 | Washer - Lock | 3 |
| 38 | 44-2200 | Screw - Blade Bolt | 3 |
| 39 | 27-0950 | Spacer - Spindle Bearing | 3 |
| 40 | 72-9210 | Cutting Deck | 1 |
| 41 | 40-6400 | Shaft - Roller | 1 |
| 42 | 57-0690 | Pin - Cotter, Special | 1 |
| 43 | 29-4820 | Roller | 2 |
| 44 | 3211-8 | Screw - Cap Hex. Hd. | 1 |
| 45 | 65-5950 | Bushing - Pulley | 1 |
| 46 | 3230-23 | Bolt - Carriage | 4 |
| 47 | 3211-15 | Screw - Cap Hex. Hd. | 2 |
| 48 | 13-3949 | Deflector - Grass (Incl. Ref. #4) | 1 |
| 49 | 67-5360 | Decal - Shield Missing | 2 |
| * | 44-5480 | Blade - High Sail (Optional) | 3 |
| * | 27-0870 | Assembly - Spindle (Incl. Ref. #23-28, 32, 34 & 39) | 3 |

*Not Illustrated

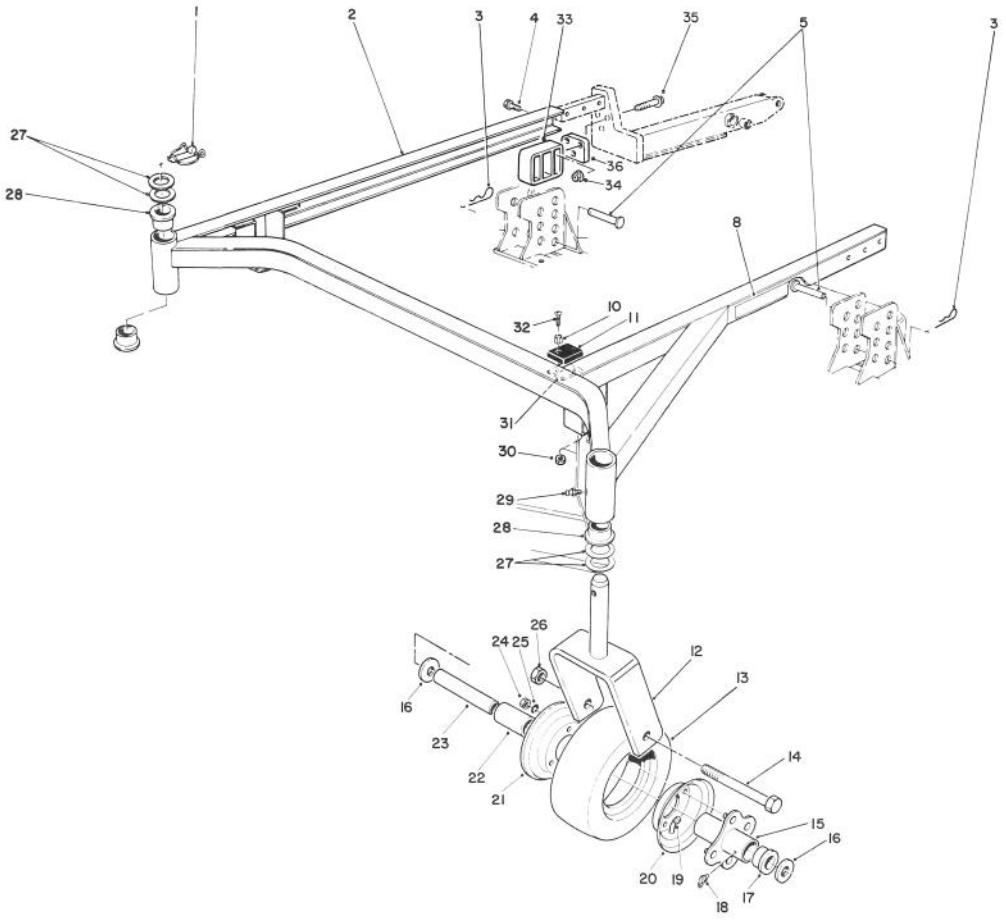



T-0576

# 52" CUTTING UNIT MODEL NO. 30555 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 72-9300 | Cover R.H. | 1 |
| 2 | 72-9230 | Base - Gear Box | 1 |
| 3 | 3290-357 | Nut - Flange | 4 |
| 4 | 51-3960 | Decal - 52 | 1 |
| 5 | 32128-20 | Nut - Flange | 2 |
| 6 | 72-9240 | Bracket - Extension | 1 |
| 7 | 322-4 | Screw - Cap Hex. Hd. | 2 |
| 8 | 68-9890 | Cover - Gear Box | 1 |
| 9 | 63-9750 | IS0 Mount - Gear Box | 4 |
| 10 | 68-8560 | Bracket - Gear Box | 2 |
| 11 | 63-8410 | Washer | 4 |
| 12 | 32153-2 | Nut | 4 |
| 13 | 70-2560 | Decal - Lube | 1 |
| 14 | 68-6810 | Assembly - Gear Box | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 15 | 3253-21 | Washer - Flat | 4 |
| 16 | 323-4 | Screw - Cap Hex. Hd. | 4 |
| 17 | 63-9900 | Pulley - Gear Box | 1 |
| 18 | 3257-5 | Key - Woodruff | 1 |
| 19 | 27-6140 | Bushing - Taper Lock (Incl. Ref. #25) | 1 |
| 20 | 3231-27 | Bolt - Carriage | 4 |
| 21 | 3290-321 | Screw - Machine | 6 |
| 22 | 249-21 | Latch - Draw | 3 |
| 23 | 72-9340 | Cover L.H. | 1 |
| 24 | 32128-7 | Nut - Flange | 6 |
| 25 | 3245-9 | Screw - Set, Socket Hd. | 1 |
| 26 | 3231-26 | Bolt - Carriage | 4 |



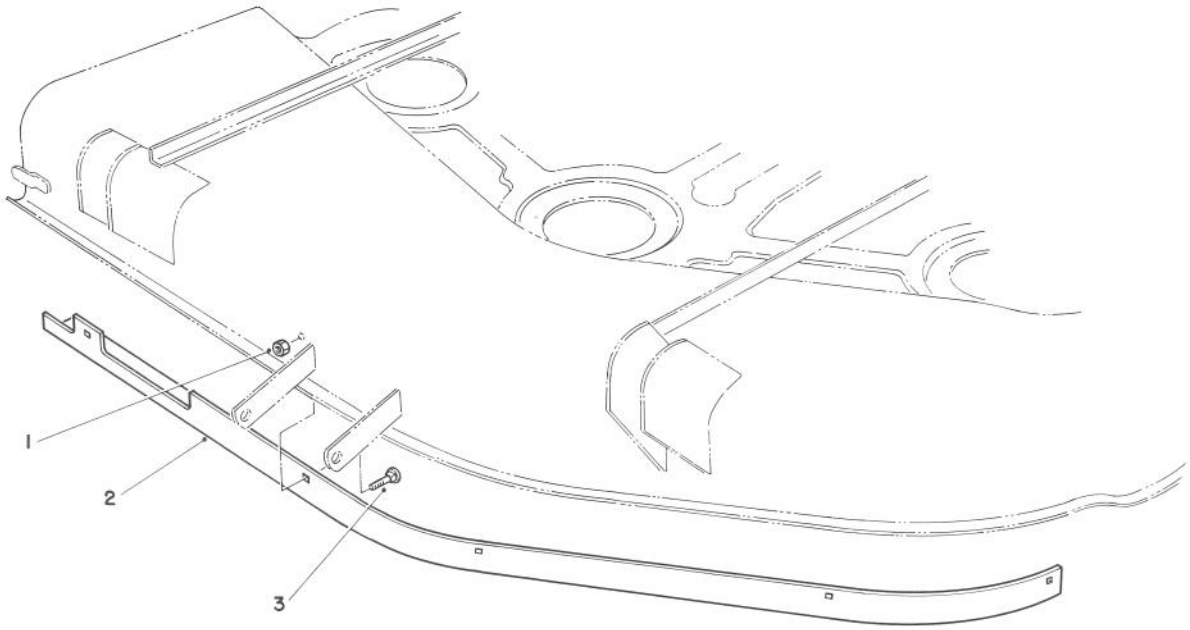

T-1249

# 52" CUTTING UNIT MODEL NO. 30555 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3290-384 | Pin - Lynch | 2 |
| 2 | 83-4550 | Frame - Deck Suspension (Incl. Ref. #28) | 1 |
| 3 | 3290-355 | Pin - Hair | 4 |
| 4 | 325-32 | Screw - Cap Hex Hd. | 6 |
| 5 | 283-55 | Pin - Clevis | 4 |
| 6 | 302-40 | Fitting - Grease | 2 |
| 8 | 68-8360 | Decal - H.O.C. | 1 |
| 10 | 40-9520 | Spacer - Split | 4 |
| 11 | 40-0330 | Cushion - Rubber | 2 |
| 12 | 68-8900 | Fork - Castor, Front | 2 |
| 13 | 68-8960 | Tire | 2 |
| 14 | 325-15 | Screw - Cap Hex Hd. | 2 |
| 15 | 68-8940 | Hub - Center | 2 |
| 16 | 3256-6 | Washer - Thrust | 4 |
| 17 | 62-5580 | Bushing | 4 |
| 18 | 302-61 | Fitting - Grease | 2 |
| 19 | 68-8950 | Tube w/Valve | 2 |
| 20 | 68-8920 | Wheel Half - Female | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 21 | 68-8930 | Wheel Half - Male | 2 |
| 22 | 62-5570 | Bearing - Roller | 2 |
| 23 | 68-8980 | Bushing - Spanner | 2 |
| 24 | 3217-6 | Nut - Hex. | 8 |
| 25 | 3253-4 | Washer - Lock | 8 |
| 26 | 32153-5 | Nut - Lock | 2 |
| 27 | 3-6781 | Washer - Thrust | 8 |
| 28 | 28-9290 | Bushing - Special | 4 |
| 29 | 302-5 | Fitting - Grease | 2 |
| 30 | 3296-2 | Nut - Lock | 4 |
| 31 | 42-6200 | Cushion - Shim | A/R |
| 32 | 32122-28 | Screw - Mach. Truss Hd. | 4 |
| 33 | 83-4520 | Cradle - W.A. | 2 |
| 34 | 32128-40 | Nut - Flange | 6 |
| 35 | 3234-20 | Screw - Flange Hd. | 6 |
| 36 | 83-4580 | Spacer | 2 |
| * | 13-3869 | Assembly - Castor Wheel (Incl. Ref. #13, 15, 17-22 & 24-25) | 2 |

*Not Illustrated

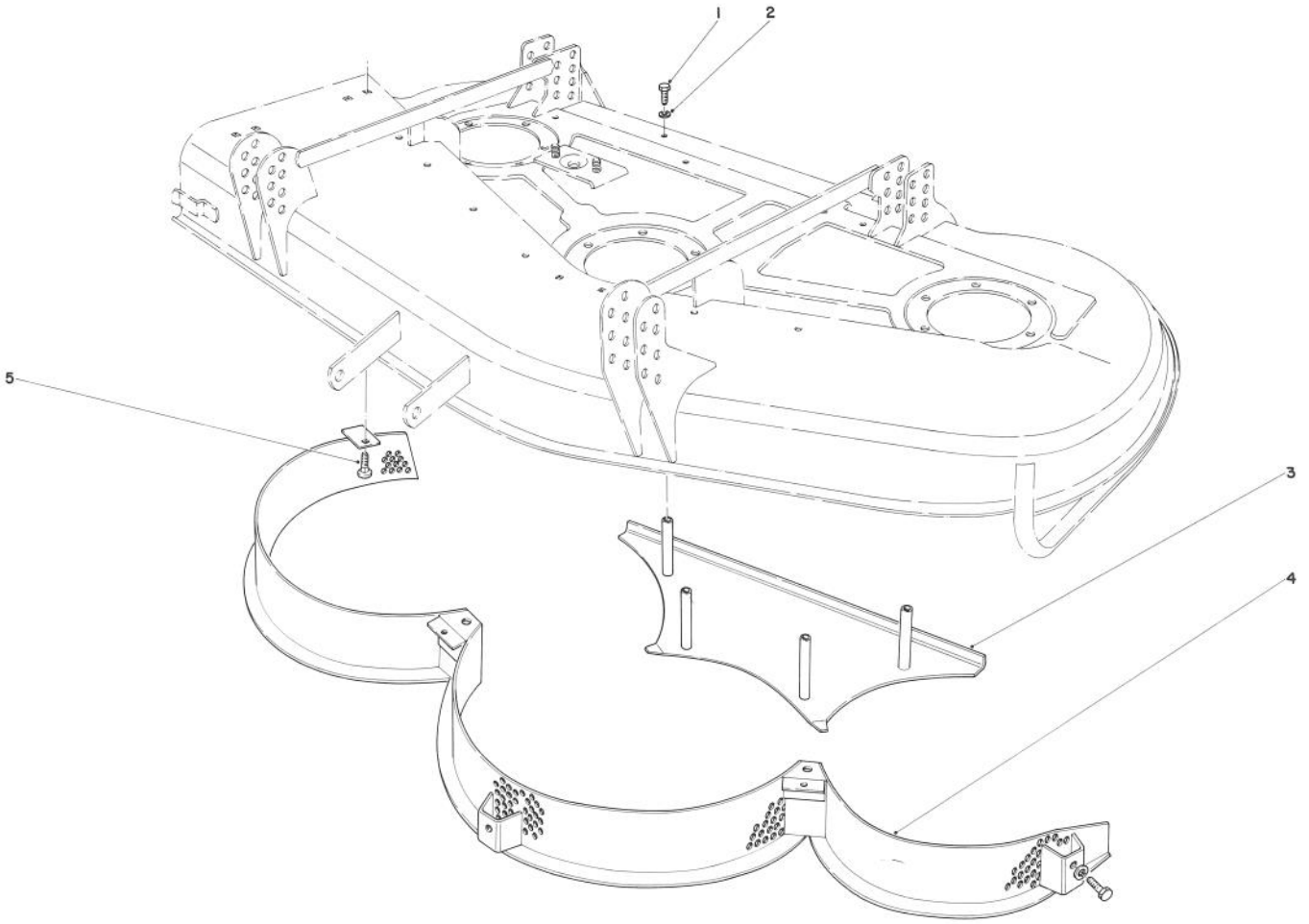



T-0708

# 52" BAFFLE KIT PART NO. 68-7210
# (Used on Cutting Unit Model 30555)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3296-47 | Nut - Lock | 5 |
| 2 | | Baffle | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 3 | 3230-20 | Bolt - Carriage | 5 |

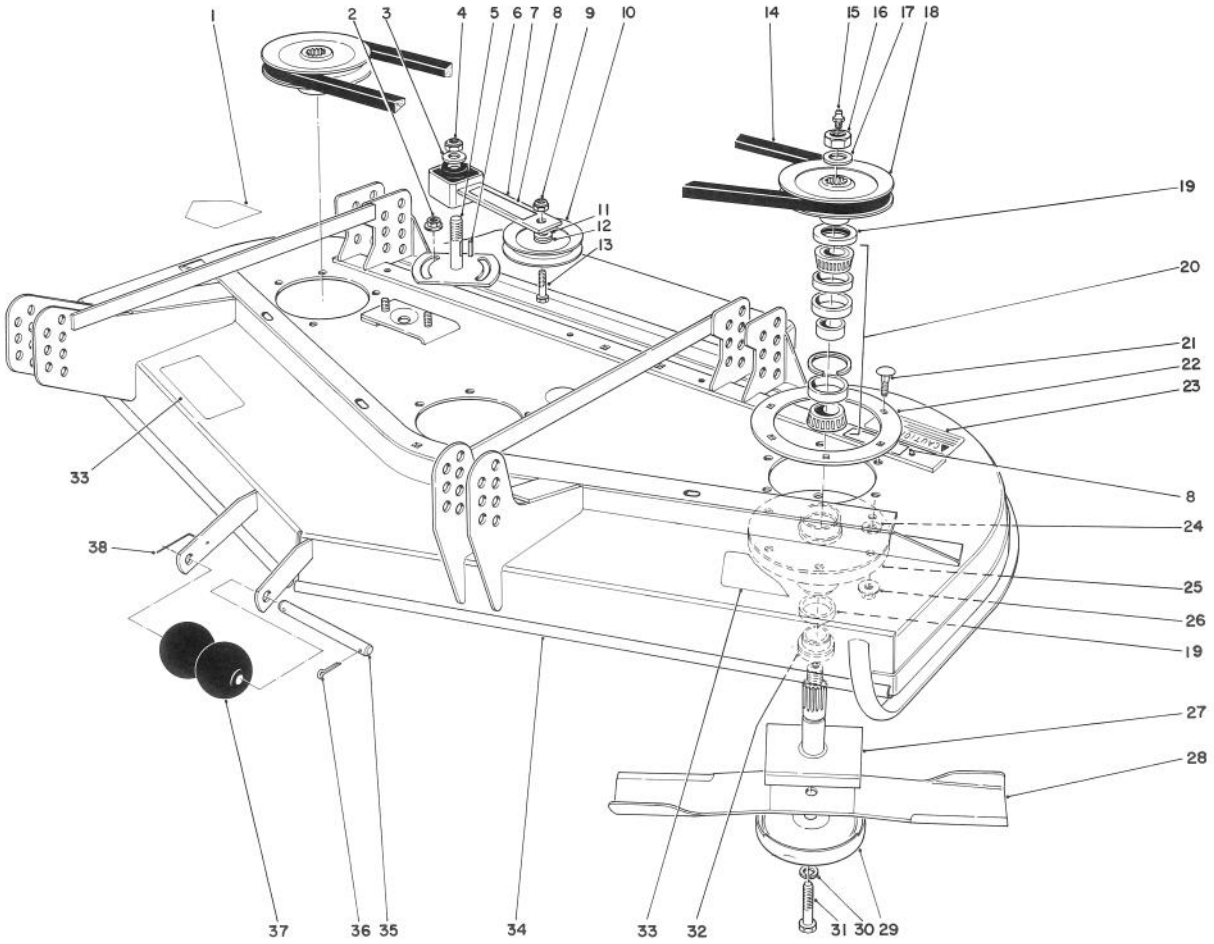



T-0599

# 52" MULCHER KIT MODEL NO. 30700 (OPTIONAL)
# (Used on Cutting Unit Model 30555)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 323-6 | Screw - Cap Hex. Hd. | 8 |
| 2 | 3253-21 | Washer - Lock | 8 |
| 3 | 42-6340 | Shelf - Bottom, Rear | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 4 | 42-6310 | Screen - Mulcher | 1 |
| 5 | 3230-1 | Bolt - Carriage | 1 |



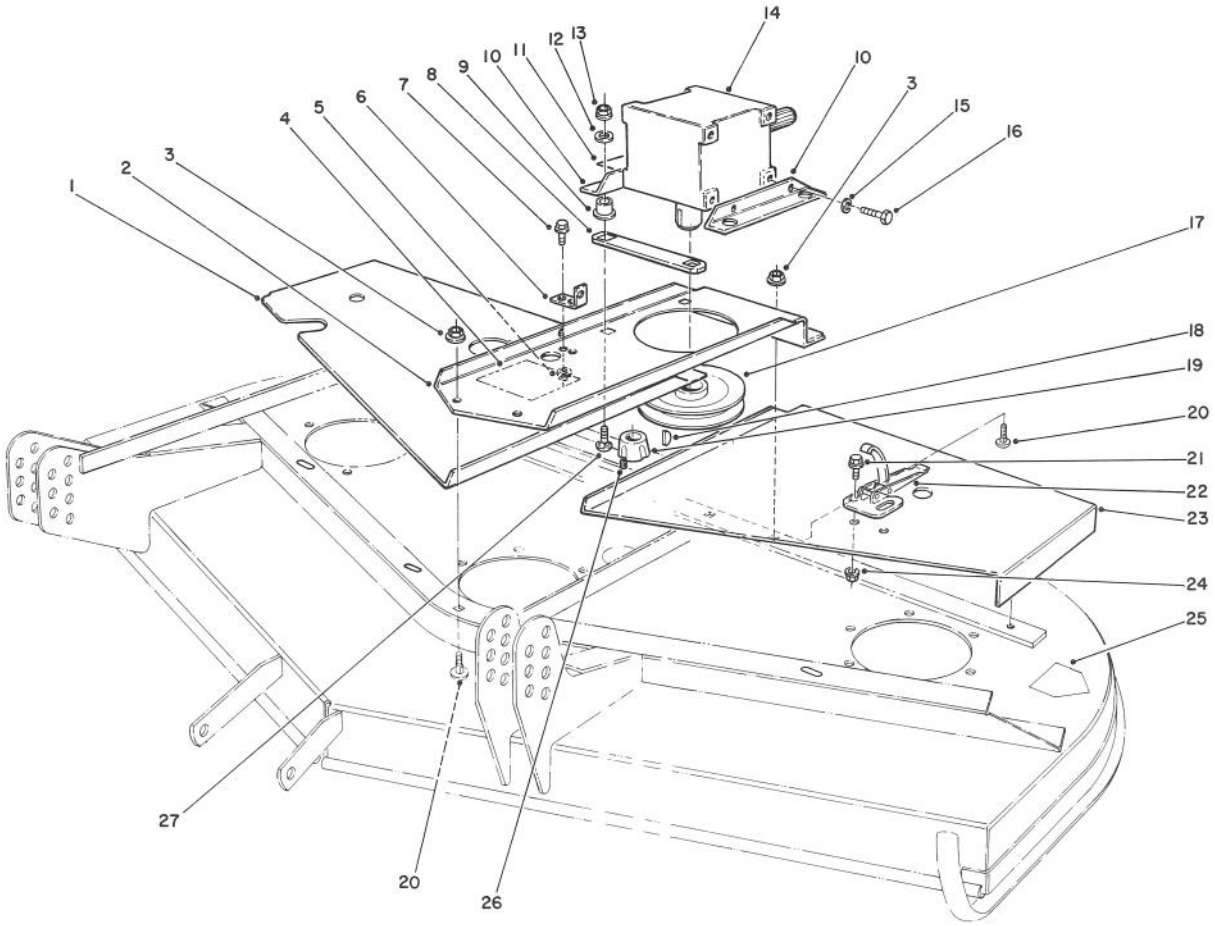

T-0577

# 52" CUTTING UNIT MODEL NO. 30568

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 43-8480 | Decal - Danger | 1 |
| 2 | 3296-357 | Nut - Flange | 2 |
| 3 | 3256-27 | Washer - Flat | 1 |
| 4 | 3296-33 | Nut - Lock | 1 |
| 5 | 28-9060 | Plate - Idler | 1 |
| 6 | 5-1077 | Key - Square | 1 |
| 7 | 27-8580 | Idler Socket | 1 |
| 8 | 67-5360 | Decal - Shield Missing | 2 |
| 9 | 3296-5 | Nut - Lock | 1 |
| 10 | 65-5940 | Pulley - Idler | 1 |
| 11 | 7-0081 | Washer | 1 |
| 12 | 65-5950 | Bushing | 1 |
| 13 | 3211-8 | Screw - Cap Hex. Hd. | 1 |
| 14 | 27-1160 | V-Belt | 1 |
| 15 | 302-2 | Fitting - Grease | 3 |
| 16 | 32146-20 | Nut - Hex. Lock, Jam | 3 |
| 17 | 7-4150 | Washer | 3 |
| 18 | 27-0970 | Pulley | 3 |
| 19 | 253-139 | Seal - Wave | 6 |
| 20 | 46-8530 | Assembly - Bearing | 3 |
| 21 | 3231-22 | Bolt - Carriage | 18 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 22 | 27-7680 | Ring - Deck Support | 2 |
| 23 | 68-8340 | Decal - Blade Bolt Torque | 1 |
| 24 | 3256-24 | Washer - Flat | 18 |
| 25 | 61-4160 | Housing - Spindle | 3 |
| 26 | 32128-21 | Nut - Flange | 18 |
| 27 | 27-0920 | Spindle Shaft | 3 |
| 28 | 27-0990 | Blade | 3 |
| 29 | 72-9361 | Cup - Anti Scalp | 3 |
| 30 | 3253-27 | Washer - Lock | 3 |
| 31 | 44-2200 | Screw - Blade | 3 |
| 32 | 27-0950 | Spacer - Spindle Bearing | 3 |
| 33 | 66-1340 | Decal - Danger | 2 |
| 34 | 72-9260 | Cutting Deck | 1 |
| 35 | 40-6400 | Shaft - Roller | 1 |
| 36 | 3272-11 | Pin - Cotter | 1 |
| 37 | 29-4820 | Roller | 2 |
| 38 | 57-0690 | Pin - Cotter, Special | 1 |
| * | 27-0870 | Assembly - Spindle (Incl. Ref. #15-20, 25, 27 & 32) | 3 |

*Not Illustrated

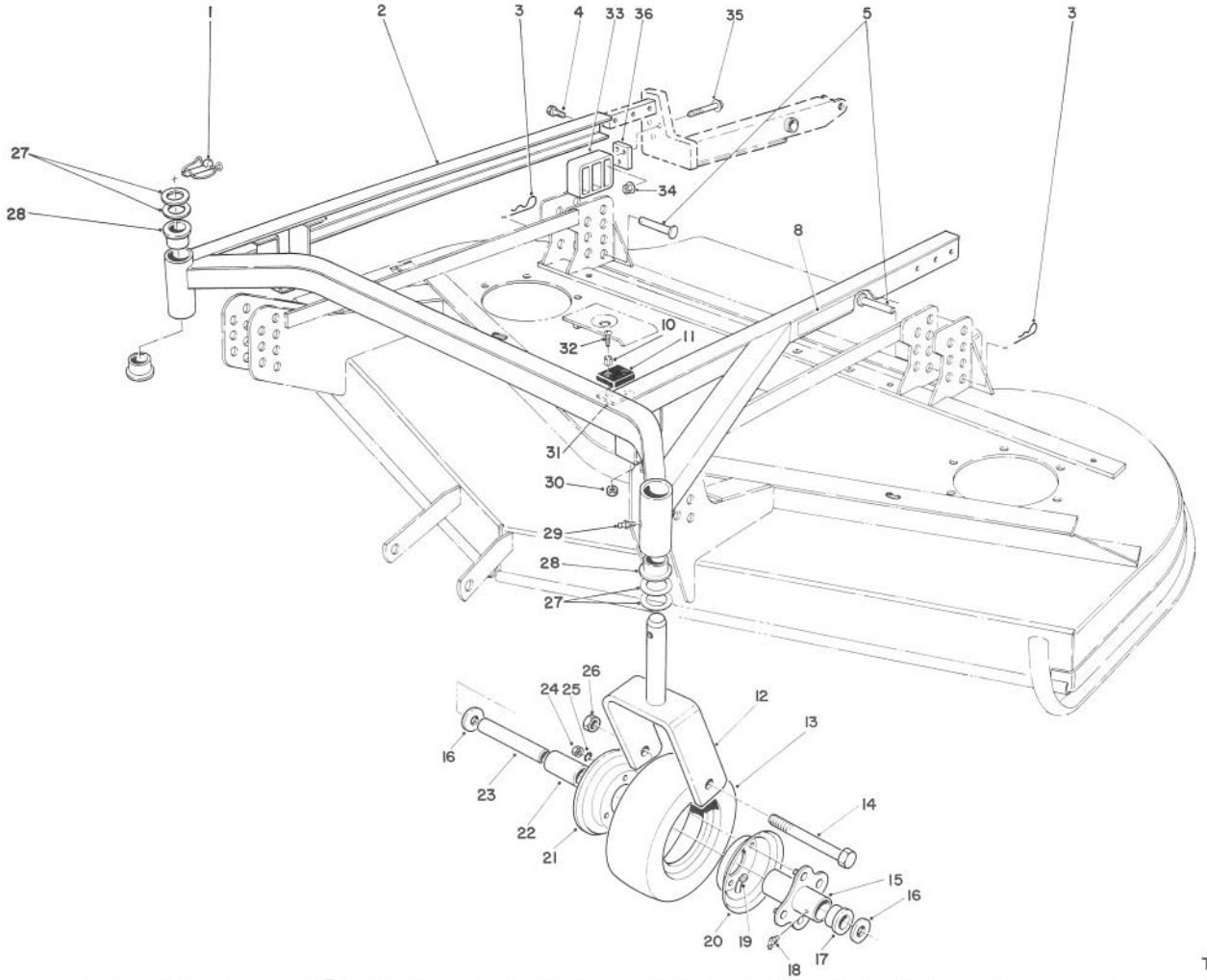



T-0578

# 52" CUTTING UNIT MODEL NO. 30568 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 72-9330 | Cover R.H. | 1 |
| 2 | 72-9230 | Base - Gear Box | 1 |
| 3 | 3290-357 | Nut - Flange | 4 |
| 4 | 51-3960 | Decal - 52 | 1 |
| 5 | 32128-20 | Nut - Flange | 2 |
| 6 | 72-9240 | Bracket - Extension | 1 |
| 7 | 322-4 | Screw - Cap Hex. Hd. | 2 |
| 8 | 68-9890 | Cover - Front Gear Box | 1 |
| 9 | 63-9750 | ISO Mount - Gear Box | 4 |
| 10 | 68-8560 | Bracket - Gear Box | 2 |
| 11 | 70-2560 | Decal - Lube | 1 |
| 12 | 63-8410 | Washer - Lock | 4 |
| 13 | 32153-2 | Nut | 4 |
| 14 | 68-6810 | Gear Box | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 15 | 3253-21 | Washer - Lock | 4 |
| 16 | 323-4 | Screw - Cap Hex. Hd. | 4 |
| 17 | 63-9900 | Pulley | 1 |
| 18 | 3257-5 | Key - Woodruff | 1 |
| 19 | 27-6140 | Bushing - Taper Lock (Incl. Ref. #26) | 1 |
| 20 | 3231-22 | Bolt - Carriage | 4 |
| 21 | 3290-321 | Screw - Mach. Hex. Hd. | 6 |
| 22 | 249-21 | Latch - Draw | 3 |
| 23 | 80-0080 | Cover L.H. | 1 |
| 24 | 32128-17 | Nut - Flange | 4 |
| 25 | 43-8480 | Decal - Danger | 1 |
| 26 | 3245-9 | Screw - Set Socket Hd. | 2 |
| 27 | 3231-26 | Bolt - Carriage | 4 |



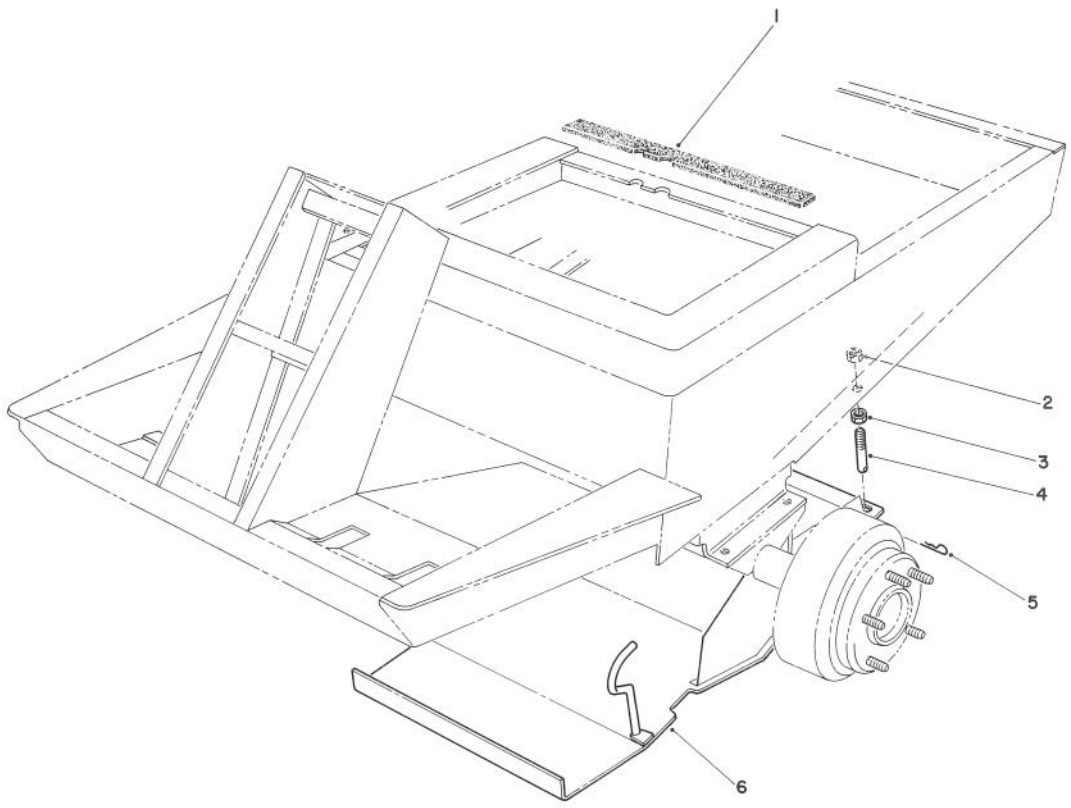

T-1250

# 52" CUTTING UNIT MODEL NO. 30568 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3290-384 | Pin - Lynch | 2 |
| 2 | 83-4550 | Assembly - Frame, Deck (Incl. Ref. #28) | 1 |
| 3 | 3290-355 | Pin - Hair, Cotter | 4 |
| 4 | 325-32 | Screw - Cap Hex. Hd. | 6 |
| 5 | 283-55 | Pin - Clevis | 4 |
| 8 | 71-2760 | Decal - H.O.C. | 1 |
| 10 | 40-9520 | Spacer - Split | 4 |
| 11 | 40-0330 | Cushion - Rubber | 2 |
| 12 | 68-8900 | Fork - Castor, Front | 2 |
| 13 | 68-8960 | Tire | 2 |
| 14 | 325-19 | Screw - Cap Hex. Hd. | 2 |
| 15 | 68-8940 | Hub - Center | 2 |
| 16 | 3256-6 | Washer - Flat | 4 |
| 17 | 62-5580 | Bushing | 4 |
| 18 | 302-61 | Fitting - Grease | 2 |
| 19 | 68-8950 | Tube w/Valve | 2 |
| 20 | 68-8920 | Wheel Half - Female | 2 |
| 21 | 68-8930 | Wheel Half - Male | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 22 | 62-5570 | Bearing - Roller | 2 |
| 23 | 68-8980 | Bushing - Spanner | 2 |
| 24 | 3217-6 | Nut - Hex. | 8 |
| 25 | 3253-4 | Washer -Lock | 8 |
| 26 | 32153-5 | Nut - Lock | 2 |
| 27 | 3-6781 | Washer - Thrust | 8 |
| 28 | 28-9290 | Bushing - Special | 4 |
| 29 | 302-5 | Fitting - Grease | 2 |
| 30 | 3296-2 | Nut - Lock | 4 |
| 31 | 42-6200 | Shim - Cushion | 3 |
| 32 | 32122-28 | Screw - Mach. Truss Hd. | 4 |
| 33 | 83-4520 | Cradle - W.A. | 2 |
| 34 | 32128-40 | Nut - Flange | 6 |
| 35 | 3234-20 | Screw - Flange Hd. | 6 |
| 36 | 83-4580 | Spacer | 2 |
| * | 13-3869 | Assembly - Castor Wheel (Inc. Ref. #13, 15, 17-22 & 24-25) | 2 |

*Not Illustrated

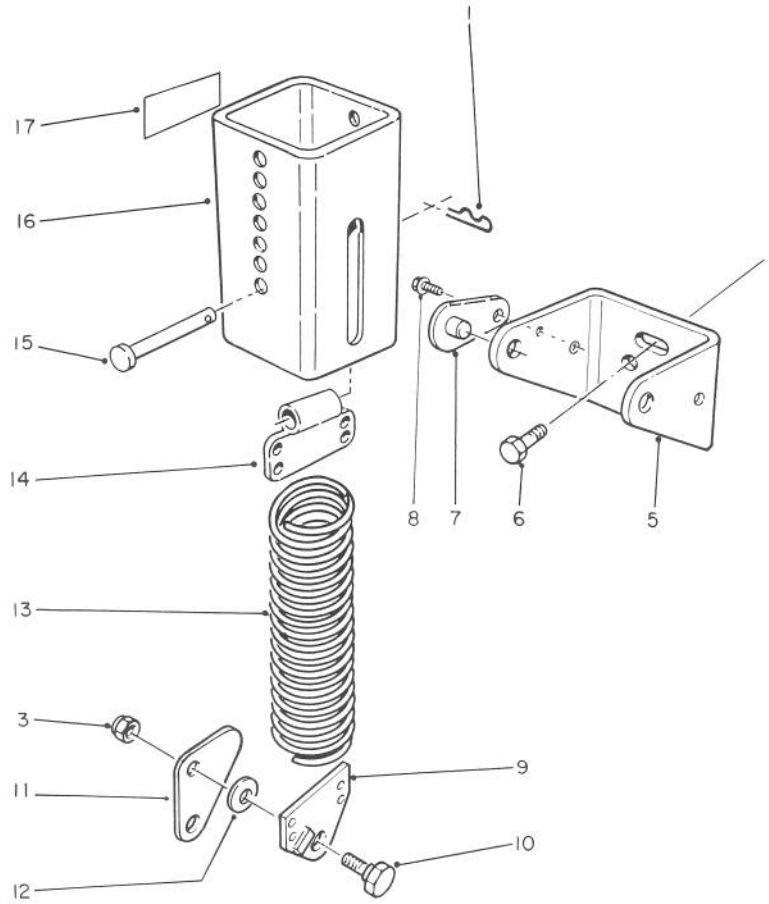



T-0193

# TRACTOR SHIELD KIT MODEL NO. 30567 (Optional)
# For Use With Cutting Unit Model No. 30568

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 67-9580 | Seal - Foam | 1 |
| 2 | 3217-9 | Nut - Hex. | 2 |
| 3 | 3218-5 | Nut - Hex. Jam | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 4 | 67-9590 | Pin - Mounting | 2 |
| 5 | 3290-468 | Pin - Hair, Cotter | 2 |
| 6 | 67-9610 | Assembly - Shield | 1 |

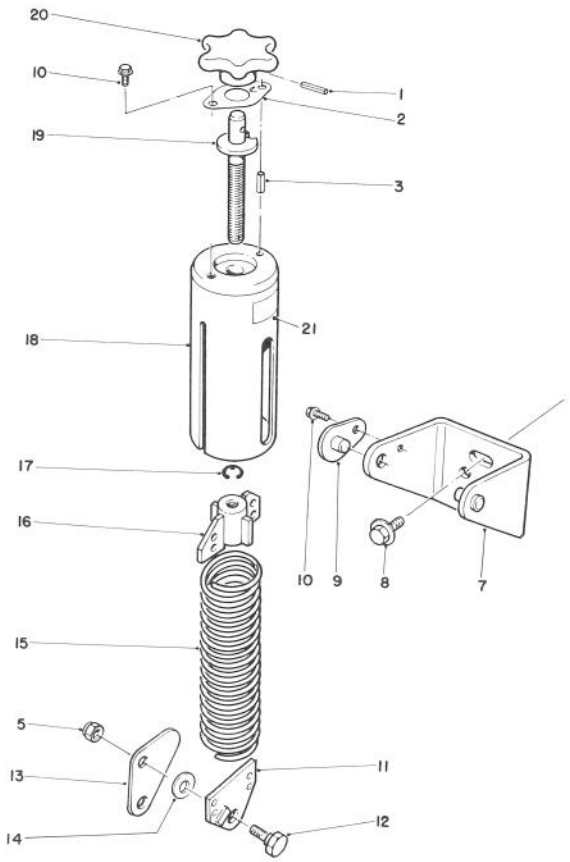



T-1217

# 52" COUNTER BALANCE KIT MODEL NO. 30712**

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3290-355 | Pin - Hair Cotter | 1 |
| 3 | 3296-44 | Nut - Lock | 2 |
| 5 | 66-8460 | Bracket - Mounting | 1 |
| 6 | 3234-11 | Screw - Hex. Flange Hd. | 2 |
| 7 | 70-7920 | Assembly - Pin, Lock | 2 |
| 8 | 12-3270 | Screw - Self Tapping | 2 |
| 9 | 66-8420 | End - Spring | 1 |
| 10 | 46-3380 | Bolt - Shoulder | 2 |
| 11 | 66-8450 | Link - Knee | 1 |
| 12 | 3256-24 | Washer - Flat | 2 |
| 13 | 66-8390 | Spring - Extension | 1 |
| 14 | 70-7940 | End - Spring | 1 |
| 15 | 283-69 | Pin - Clevis | 1 |
| 16 | 70-7970 | Assembly - Cover, Spring | 1 |
| 17 | 55-4300 | Decal - Caution | 2 |

**Furnished with 52" cutting units model no. 30555 and 30568.



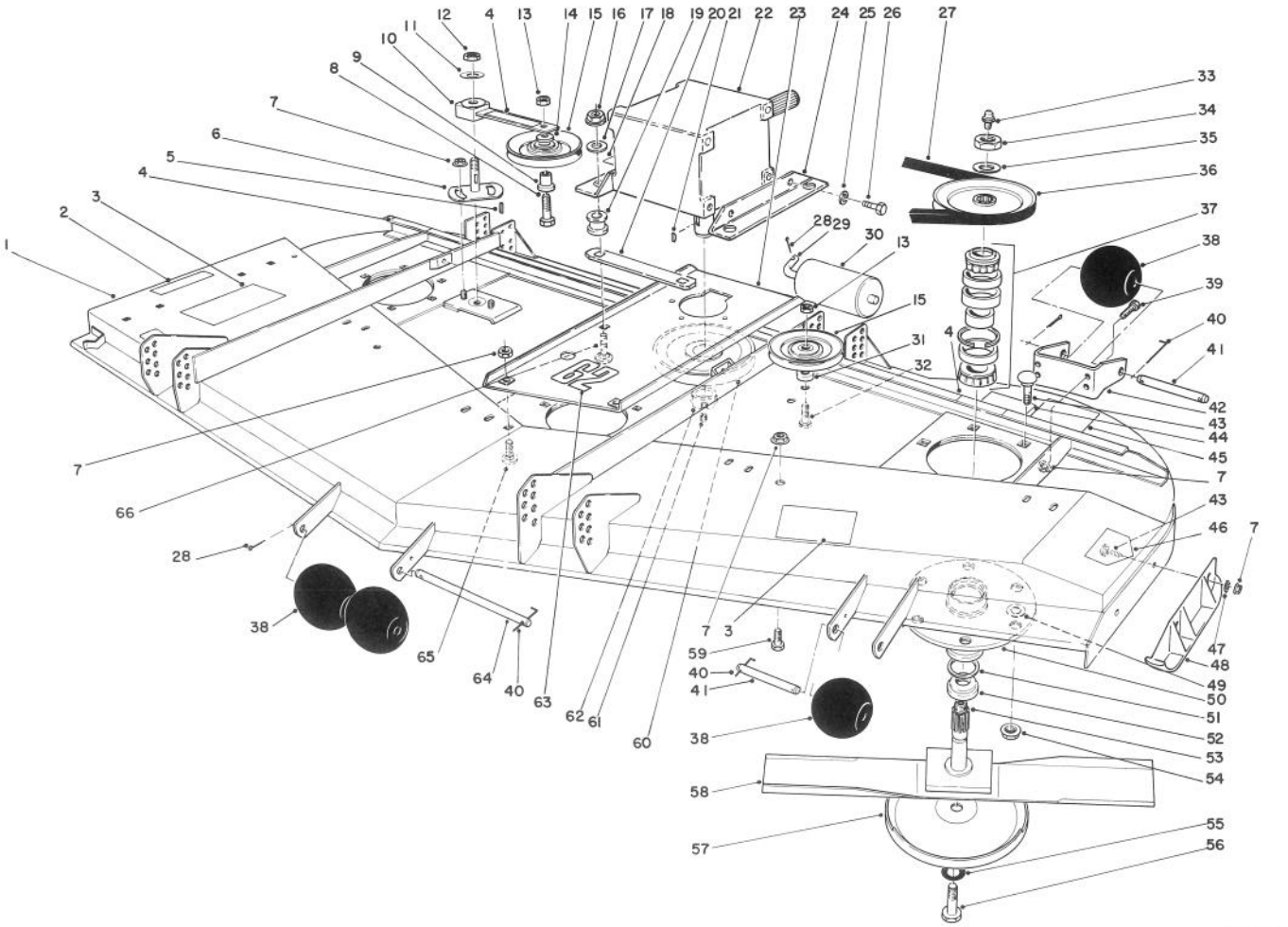

T-1218

# 52" WEIGHT TRANSFER KIT MODEL NO. 30702

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 32121-12 | Pin - Roll | 1 |
| 2 | 66-8330 | Spring - Detent | 1 |
| 3 | 32121-13 | Pin - Roll | 1 |
| 4 | 323-11 | Screw - Cap Hex. Hd. | 2 |
| 5 | 3296-44 | Nut - Lock | 2 |
| 7 | 66-8470 | Bracket | 1 |
| 8 | 3234-11 | Screw - Hex. Flange Hd. | 2 |
| 9 | 66-8250 | Pin -Lock | 1 |
| 10 | 12-3270 | Screw - Self-Tap | 2 |
| 11 | 66-8420 | End - Spring | 1 |
| 12 | 46-3380 | Bolt - Shoulder | 2 |
| 13 | 66-8450 | Link - Knee | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 14 | 3256-24 | Washer - Flat | 2 |
| 15 | 66-8390 | Spring - Heavy Duty | 1 |
| 16 | 66-8340 | End - Spring | 1 |
| 17 | 32120-47 | E-Ring | 1 |
| 18 | 66-8300 | Assembly - Cover, Spring | 1 |
| 19 | 66-8270 | Shaft | 1 |
| 20 | 59-4380 | Knob | 1 |
| 21 | 55-4300 | Decal - Caution | 2 |
| * | 66-8400 | Counterbalance Assembly (Incl. Ref. #1-3, 10,11 & 15-21) | 1 |

*Not Illustrated

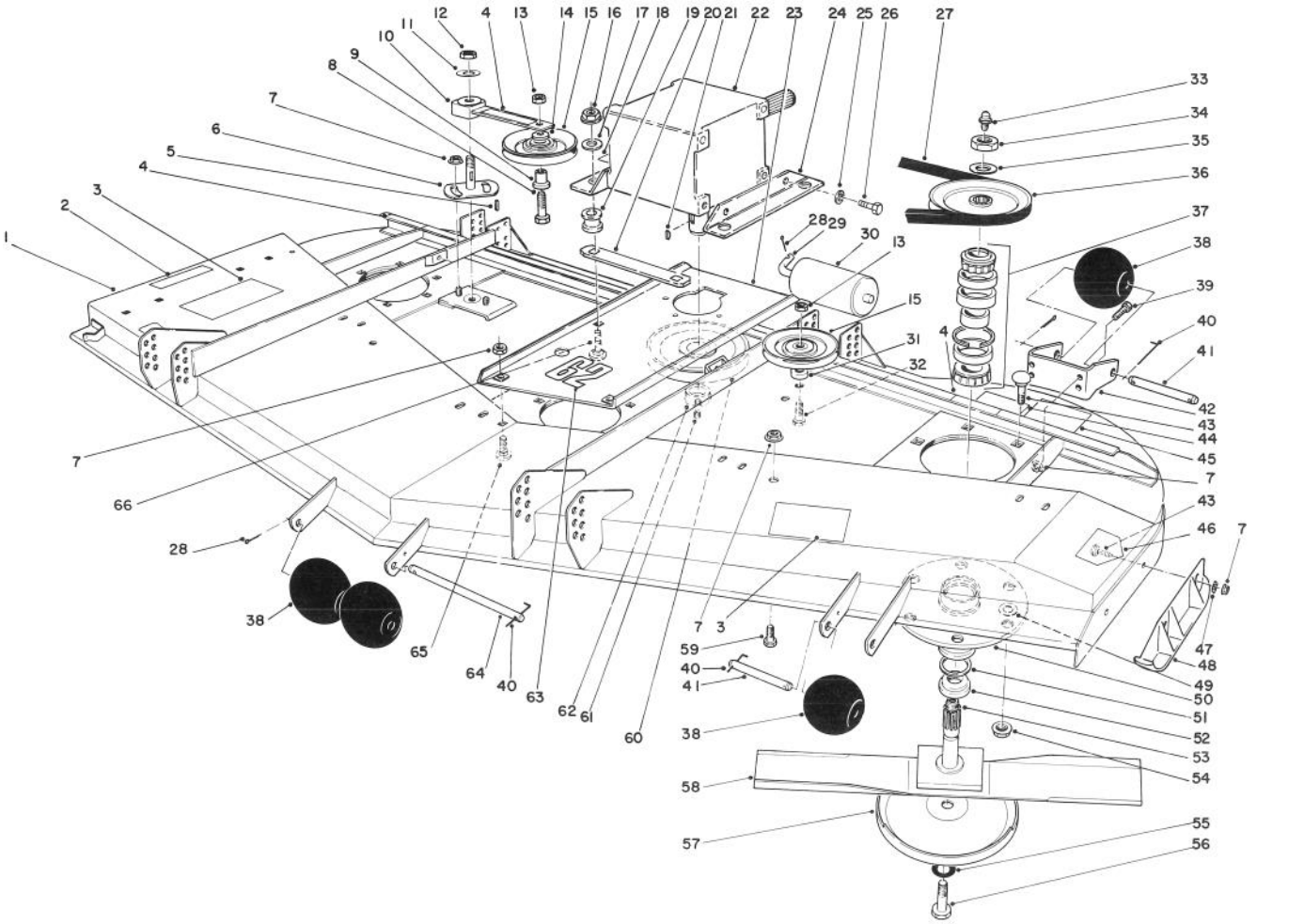


T-0545

# 62" CUTTING UNIT MODEL NO. 30564

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 63-9840 | Cutting Deck | 1 |
| 2 | 66-6380 | Decal - Defector Missing | 1 |
| 3 | 66-1340 | Decal - Danger | 2 |
| 4 | 67-5360 | Decal - Shield Missing | 3 |
| 5 | 5-1077 | Key - Square | 1 |
| 6 | 44-6300 | Plate - Idler | 1 |
| 7 | 3290-357 | Nut - Lock | 12 |
| 8 | 3211-8 | Screw - Cap Hex. Hd. | 1 |
| 9 | 65-5950 | Bushing - Pulley | 2 |
| 10 | 27-8580 | Idler Socket/Bushing Assy. | 1 |
| 11 | 3256-27 | Washer - Flat | 1 |
| 12 | 3296-33 | Nut - Lock | 1 |
| 13 | 3296-5 | Nut - Lock | 2 |
| 14 | 7-0081 | Washer - Special | 2 |
| 15 | 65-5940 | Pulley - Idler | 2 |
| 16 | 32153-2 | Nut - Flange | 4 |
| 17 | 63-8410 | Washer | 4 |
| 18 | 70-2560 | Decal - Lube | 1 |
| 19 | 63-9750 | Mount | 4 |
| 20 | 68-9890 | Cover -Gear Box, Front | 1 |
| 21 | 3257-5 | Key - Woodruff | 1 |
| 22 | 68-6810 | Gear Box | 1 |
| 23 | 72-9310 | Base - Gear Box | 1 |
| 24 | 68-8560 | Assy. - Bracket, Gear Box | 2 |
| 25 | 3253-21 | Washer - Lock | 4 |
| 26 | 323--4 | Screw - Cap Hex. Hd. | 4 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 27 | 44-6260 | V-Belt | 1 |
| 28 | 3272-11 | Pin - Cotter | 5 |
| 29 | 40-0340 | Shaft - Rear Roller | 2 |
| 30 | 36-1740 | Roller - Deck | 2 |
| 31 | 44-6390 | Spacer | 1 |
| 32 | 3211-9 | Screw - Cap Hex. Hd. | 1 |
| 33 | 302-2 | Fitting - Grease | 3 |
| 34 | 32146-20 | Nut - Jam | 3 |
| 35 | 7-4150 | Washer | 3 |
| 36 | 44-6340 | Pulley - Hub Spindle | 3 |
| 37 | 46-8530 | Assembly - Bearing | 3 |
| 38 | 29-4820 | Roller | 4 |
| 39 | 323-6 | Screw - Cap Hex. Hd. | 2 |
| 40 | 57-0690 | Pin - Cotter, Special | 3 |
| 41 | 57-0680 | Shaft - Short | 2 |
| 42 | 57-0580 | Bracket - Roller, Left Rear | 1 |
| 43 | 3231-22 | Bolt - Carriage, Short Neck | 20 |
| 44 | 68-8340 | Decal - Blade Bolt Torque | 1 |
| 45 | 68-7260 | Decal - Rear Weight 35# | 1 |
| 46 | 43-8480 | Decal - Danger | 1 |
| 47 | 3290-224 | Washer - Pyramidal | |
| 48 | 57-0570 | Skid - L.H. | |
| 49 | 3256-24 | Washer - Flat | |
| 50 | 61-4160 | Housing - Spindle | 3 |
| 51 | 253-139 | Seal | 6 |
| 52 | 27-0950 | Spacer | 3 |



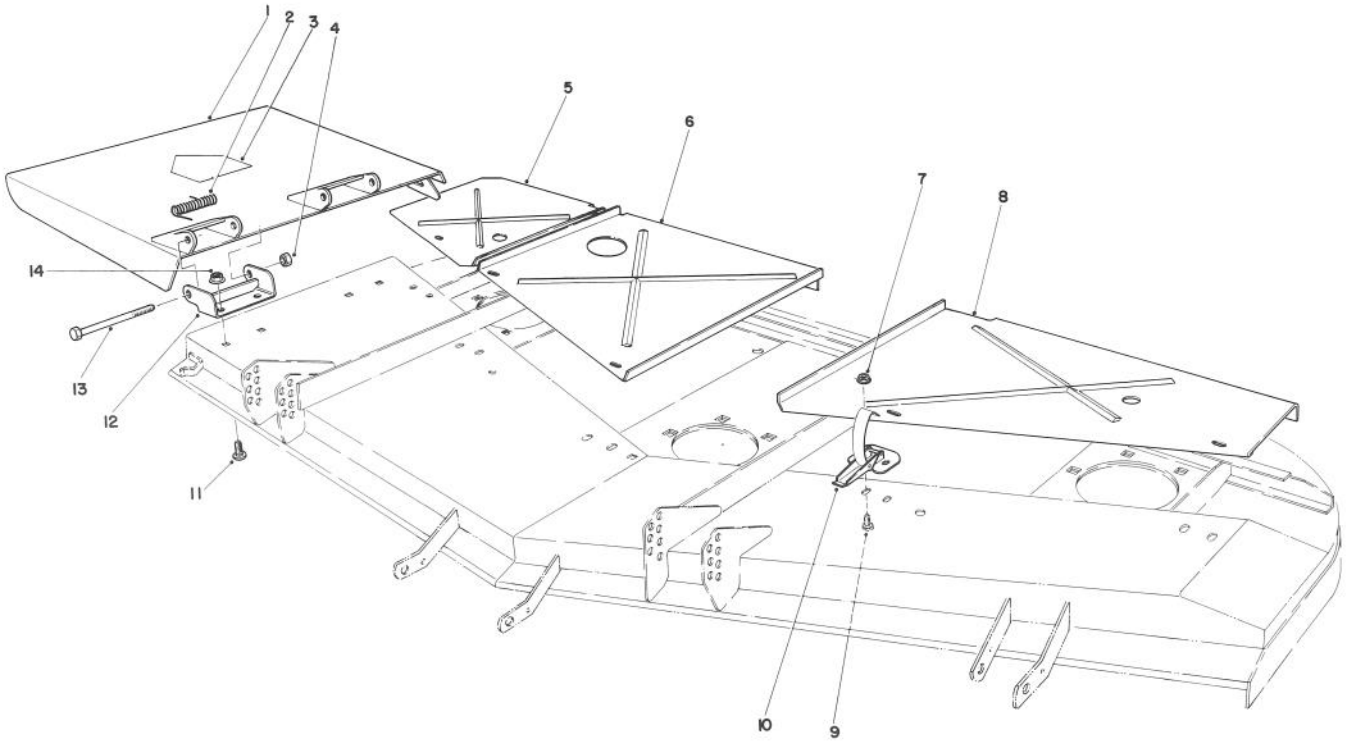
T-0545

# 62" CUTTING UNIT MODEL NO. 30564 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 53 | 27-0920 | Spindle - Shaft | 3 |
| 54 | 32128-21 | Nut - Flange | 18 |
| 55 | 67-5770 | Washer - Lock | 3 |
| 56 | 44-2200 | Screw - Cap, Blade | 3 |
| 57 | 72-9361 | Cup - Anti-Scalp | 3 |
| 58 | 44-6250 | Blade | 3 |
| 59 | 323-4 | Screw - Cap Hex. Hd. | 2 |
| 60 | 63-9900 | Pulley - Gear Box | 1 |
| 61 | 3245-9 | Screw - Set, Socket Hd. | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 62 | 27-6140 | Bushing - Taper Lock (Incl. Ref. #61) | 1 |
| 63 | 66-1630 | Decal - 62 | 1 |
| 64 | 40-6400 | Shaft - Long | 1 |
| 65 | 3231-27 | Bolt - Carriage | 4 |
| 66 | 3231-26 | Bolt - Carriage | 4 |
| * | 44-6370 | Assembly - Spindle (Incl. Ref. #33-37 & 50-53) | 3 |

*Not Illustrated

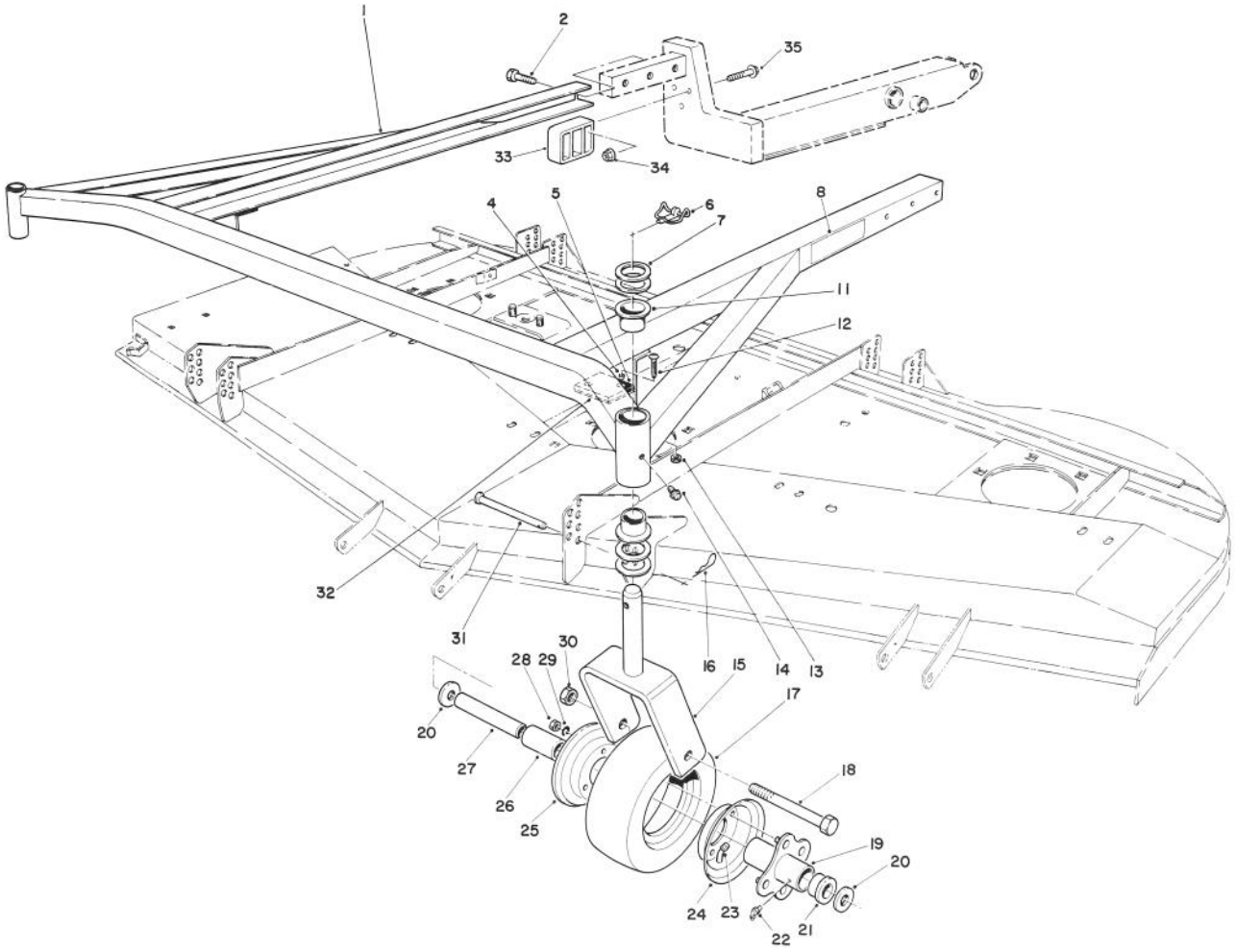



T-0560

# 62" CUTTING UNIT MODEL 30564 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 14-0909 | Deflector Assembly (Incl. Ref. #3) | 1 |
| 2 | 51-1550 | Spring | 2 |
| 3 | 43-8480 | Decal - Danger | 1 |
| 4 | 32153-5 | Nut - Lock | 2 |
| 5 | 63-9830 | Cover - Deck R.H. | 1 |
| 6 | 72-9320 | Cover - Deck Center | 1 |
| 7 | 32128-17 | Nut - Flange | 10 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 8 | 44-6290 | Cover - Deck L.H. | 1 |
| 9 | 3290-321 | Screw - Hex. Slotted Hd. | 10 |
| 10 | 249-21 | Latch - Draw | 5 |
| 11 | 3231-27 | Bolt - Carriage | 4 |
| 12 | 51-1530 | Bracket - Hinge | 2 |
| 13 | 325-17 | Screw - Cap Hex. Hd. | 2 |
| 14 | 3290-357 | Nut - Lock | 4 |



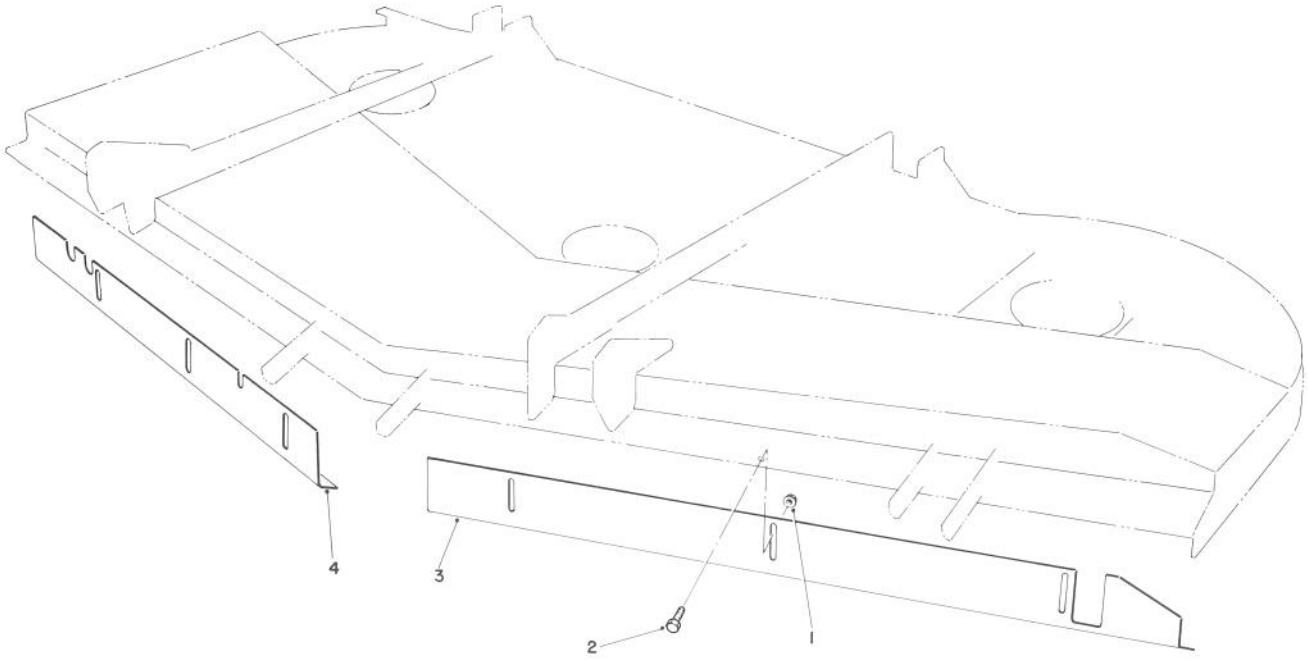

T-1251

# 62" CUTTING UNIT MODEL NO. 30564 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 83-4560 | Frame (Incl. Ref. #9 & 10) | 1 |
| 2 | 325-32 | Screw - Cap Hex. Hd. | 6 |
| 4 | 40-9520 | Spacer - Split | 4 |
| 5 | 40-0330 | Cushion - Rubber | 2 |
| 6 | 3290-384 | Pin - Lynch | 2 |
| 7 | 3-6781 | Washer - Thrust | 8 |
| 8 | 68-8360 | Decal - H.O.C. | 1 |
| 11 | 28-9290 | Bushing - Special | 4 |
| 12 | 32122-28 | Screw - Mach. Truss Hd. | 4 |
| 13 | 3296-2 | Nut - Lock | 4 |
| 14 | 302-5 | Fitting - Grease | 2 |
| 15 | 68-8900 | Fork - Castor, Front | 2 |
| 16 | 3290-355 | Pin - Hair, Cotter | 4 |
| 17 | 68-8960 | Tire | 2 |
| 18 | 325-19 | Screw - Cap Hex. Hd. | 2 |
| 19 | 68-8940 | Hub - Center | 2 |
| 20 | 3256-6 | Washer - Flat | 4 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 21 | 62-5580 | Bushing | 4 |
| 22 | 302-61 | Fitting - Grease | 2 |
| 23 | 68-8950 | Tube - w/Valve | 2 |
| 24 | 68-8920 | Wheel Half - Female | 2 |
| 25 | 68-8930 | Wheel Half - Male | 2 |
| 26 | 62-5570 | Bearing - Roller | 2 |
| 27 | 68-8980 | Bushing - Spanner | 2 |
| 28 | 3217-6 | Nut - Hex. | 8 |
| 29 | 3253-4 | Washer - Lock | 8 |
| 30 | 32153-5 | Nut - Lock | 2 |
| 31 | 283-55 | Pin - Clevis | 4 |
| 32 | 42-6200 | Shim - Cushion | 3 |
| 33 | 83-4520 | Cradle - W.A. | 2 |
| 34 | 32128-40 | Nut - Flange | 6 |
| 35 | 3234-19 | Screw - Flange Hd. | 6 |
| * | 13-3869 | Assembly - Caster Wheel (Incl. Ref. #17, 19, 21-26 & 28-29) | 2 |

*Not Illustrated

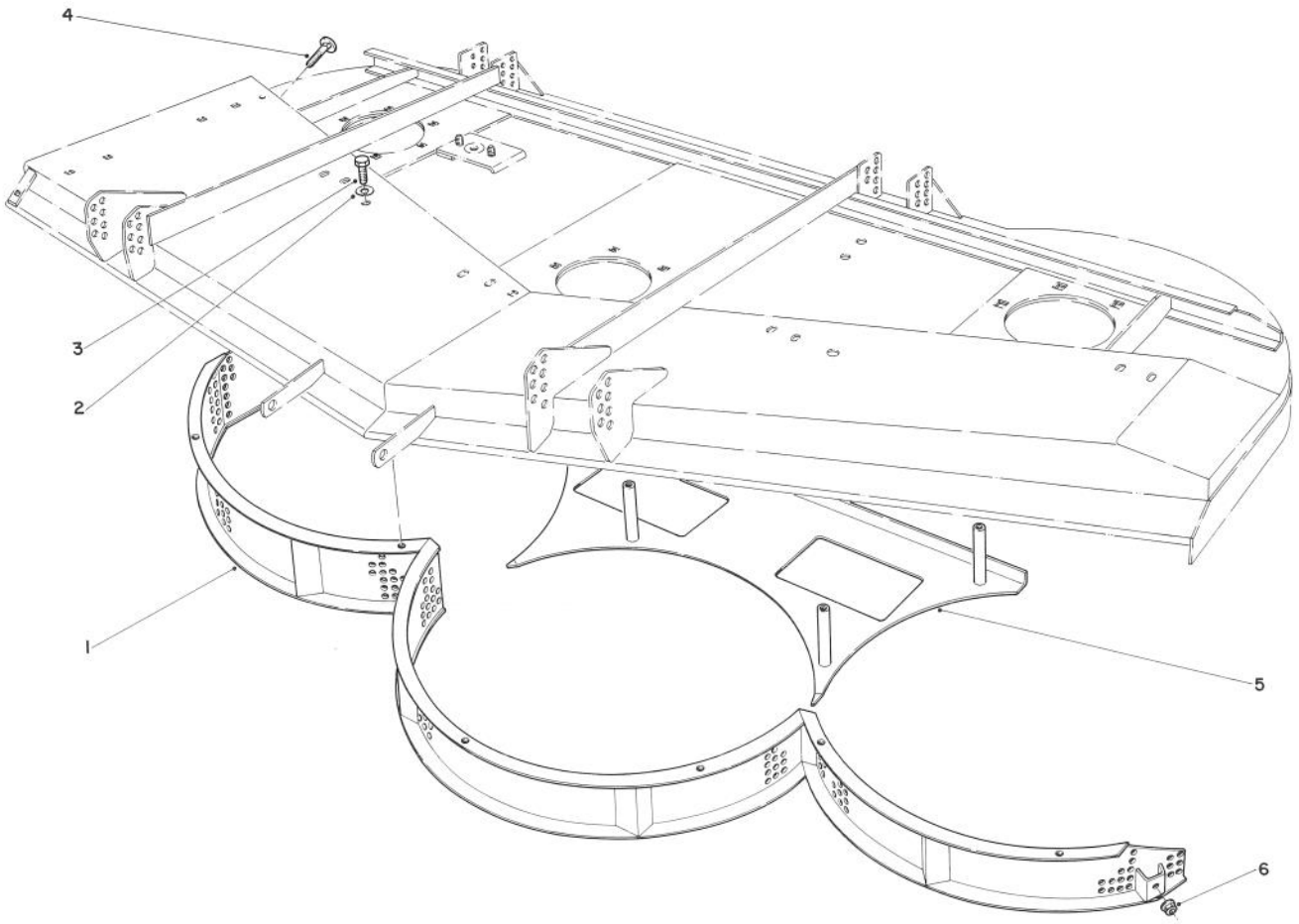



T-1212

# 62" BAFFLE KIT PART NO. 82-8800
# (Used on Cutting Unit Model 30564)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 32128-20 | Nut - Flange | 6 |
| 2 | 322-3 | Screw | 6 |
| 3 | 82-8810 | Baffle - Front, L.H. | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 4 | 82-8820 | Baffle - Front, R.H. | 1 |

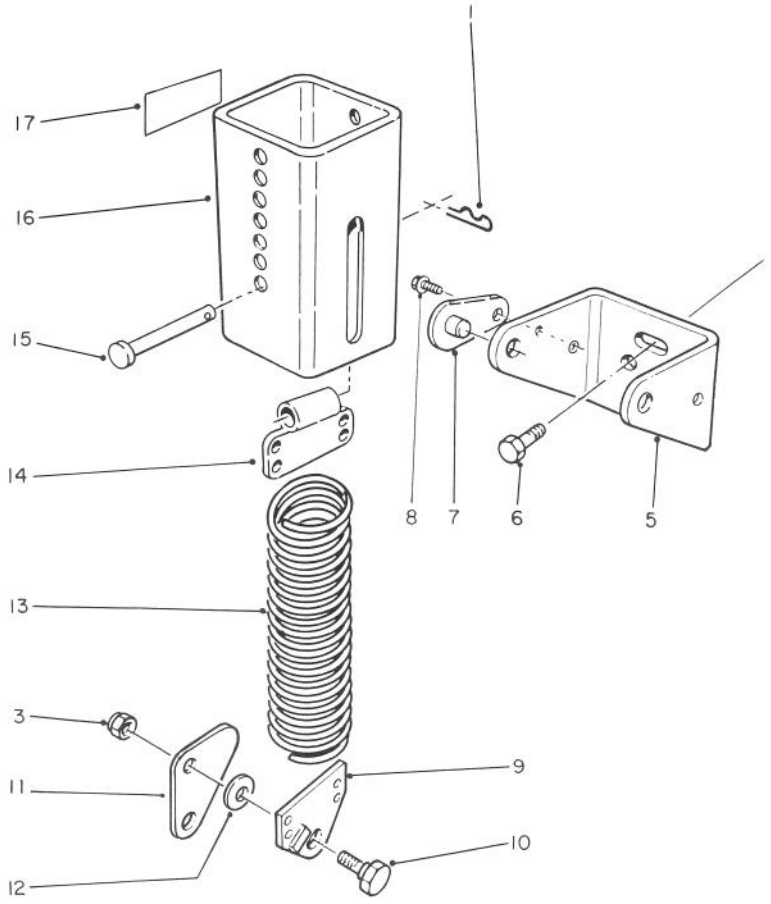



T-0598

# 62" MULCHER KIT MODEL NO. 30792 (Optional)
# For Cutting Unit Model No. 30564

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 46-3010 | Screen - Mulcher | 1 |
| 2 | 3253-21 | Washer - Lock | 10 |
| 3 | 323-4 | Screw - Cap Hex. Hd. | 11 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 4 | 3230-2 | Bolt - Carriage | 1 |
| 5 | 46-3150 | Shelf - Bottom, Rear | 1 |
| 6 | 3290-357 | Nut - Lock, Flange | 6 |




T-1217

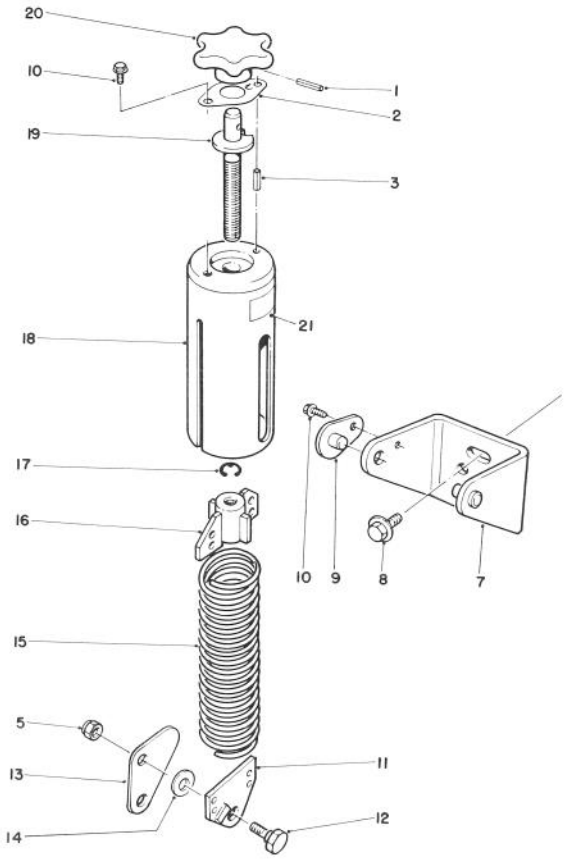
# 62" COUNTER BALANCE KIT MODEL NO. 30713**

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3290-355 | Pin - Hair Cotter | 2 |
| 3 | 3296-44 | Nut - Lock | 4 |
| 5 | 66-8230 | Bracket - Mounting | 2 |
| 6 | 3234-11 | Screw - Hex. Flange Hd. | 4 |
| 7 | 70-7920 | Lock Pin Assembly | 4 |
| 8 | 12-3270 | Screw - Self Tapping | 4 |
| 9 | 66-8420 | End - Spring | 2 |
| 10 | 46-3380 | Bolt - Shoulder | 4 |
| 11 | 66-8440 | Link - Knee | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 12 | 3256-24 | Washer - Flat | 4 |
| 13 | 66-8390 | Spring - Trim Side (Heavy Duty) | 1 |
| * | 66-8410 | Spring - Discharge Side (Light Duty) | 1 |
| 14 | 70-7940 | End - Spring | 2 |
| 15 | 283-69 | Pin - Clevis | 2 |
| 16 | 70-7970 | Spring Cover Assembly | 2 |
| 17 | 55-4300 | Decal - Caution | 4 |

*Not Illustrated **Furnished with 62" cutting unit model no. 30564.

Note: Light duty spring No. 66-8410 used on discharge side only without 62" blower kit.




T-1218

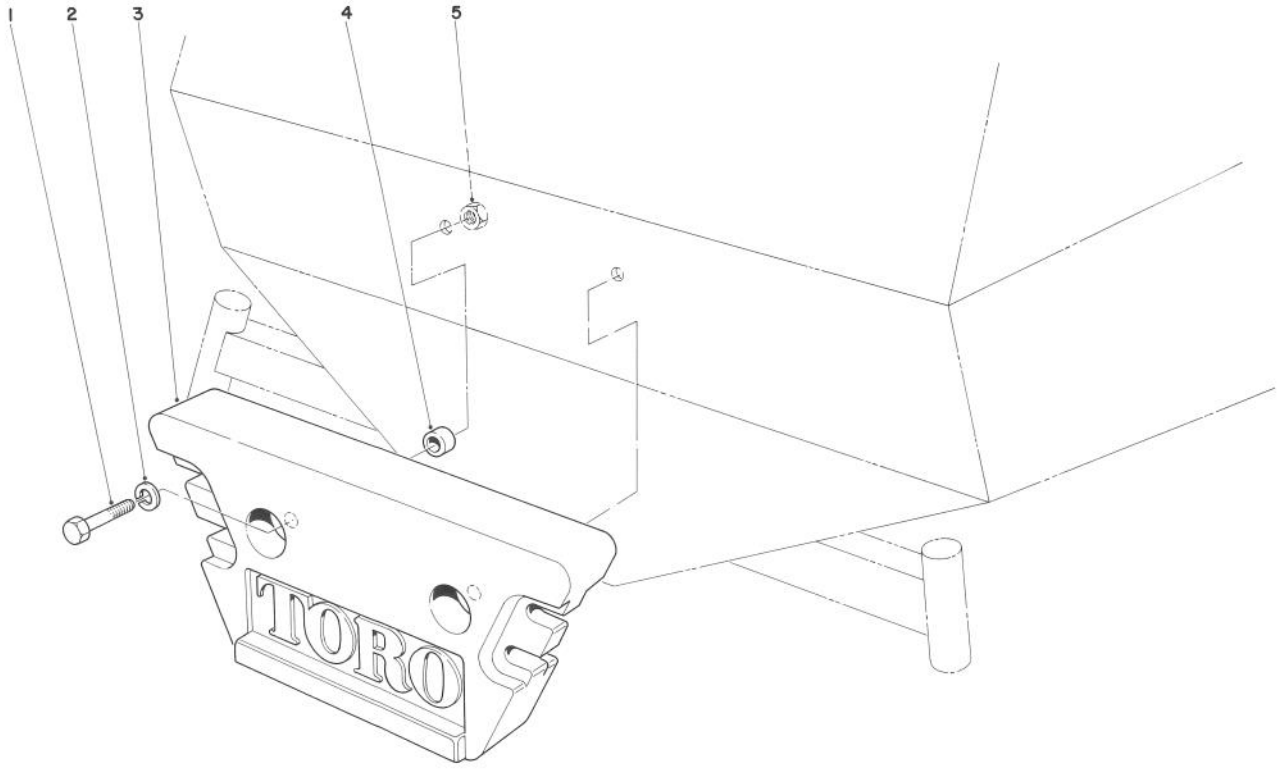
# 62" WEIGHT TRANSFER MODEL NO. 30703

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 32121-12 | Pin - Roll | 2 |
| 2 | 66-8330 | Spring - Detent | 2 |
| 3 | 32121-13 | Pin - Roll | 2 |
| 5 | 3296-44 | Nut - Lock | 4 |
| 7 | 66-8220 | Bracket | 2 |
| 8 | 3234-11 | Screw - Hex. Flange Hd. | 4 |
| 9 | 66-8250 | Pin - Lock | 2 |
| 10 | 12-3270 | Screw - Self-Tap | 4 |
| 11 | 66-8420 | End - Spring | 2 |
| 12 | 46-3380 | Bolt - Shoulder | 4 |
| 13 | 66-8440 | Link - Knee | 2 |
| 14 | 3256-24 | Washer - Flat | 4 |
| 15 | 66-8390 | Spring - Trim Side (Heavy Duty) | 1 |
| * | 66-8410 | Spring - Discharge Side (Light Duty) | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 16 | 66-8340 | End - Spring | 2 |
| 17 | 32120-47 | E-Ring | 2 |
| 18 | 66-8300 | Cover Assembly | 2 |
| 19 | 66-8270 | Shaft | 2 |
| 20 | 59-4380 | Knob | 2 |
| 21 | 55-4300 | Decal - Caution | 4 |
| * | 66-8400 | Counterbalance Assembly (Trim Side) (Incl. Ref. #1-3, 10, 11 & 15-21) | 1 |
| * | 66-8401 | Counterbalance Assembly (Discharge Side) (Incl. Ref. #1-3, 10, 11 & 15-21) | 1 |

*Not Illustrated

Note: Light duty spring no. 66-8410 and counterbalance assembly no. 66-8401 used only on discharge side without 62" blower kit.

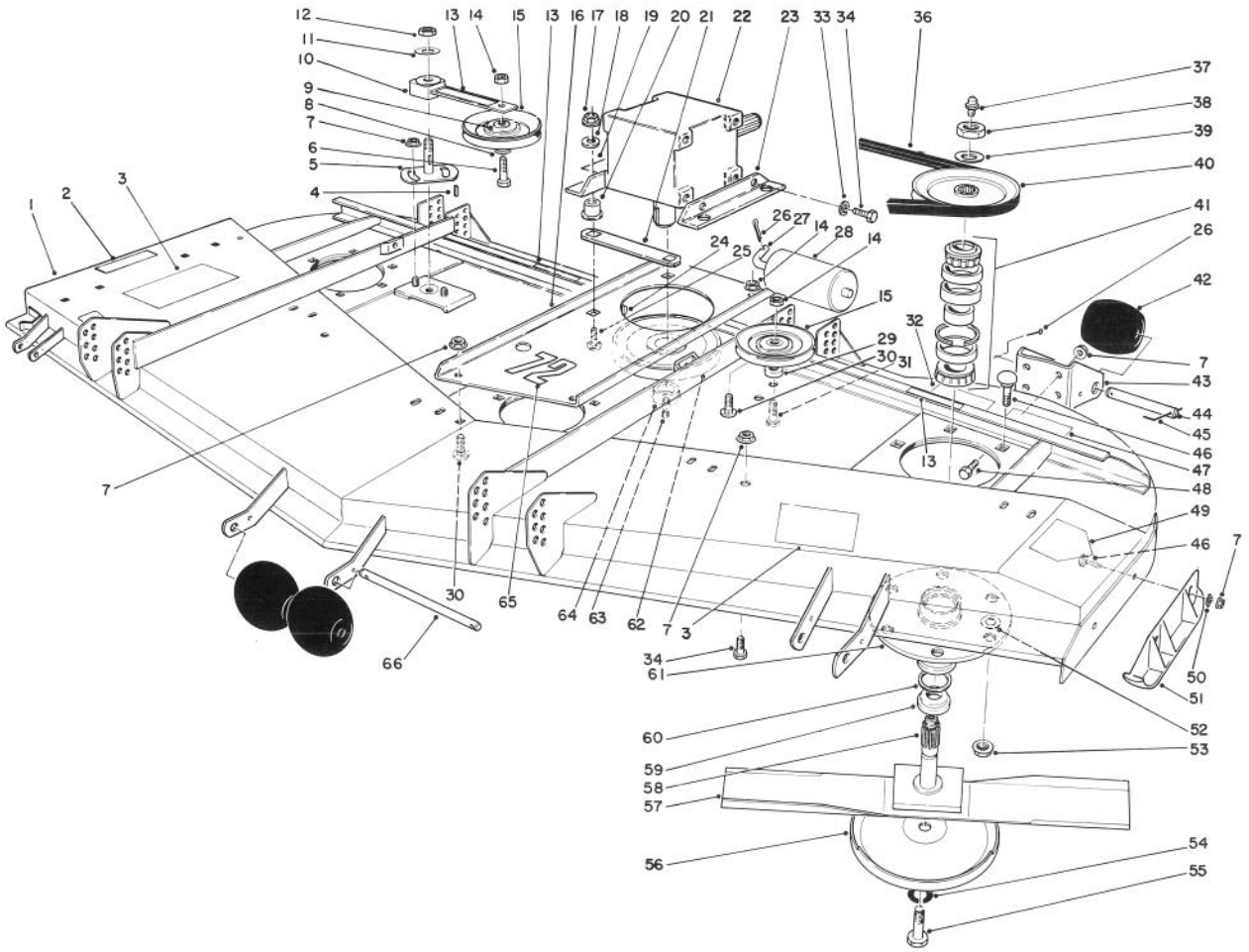



T-0562

# REAR WEIGHT

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| †1 | 325-8 | Screw - Cap Hex .Hd. | 2 |
| †2 | 3253-7 | Washer - Lock | 2 |
| †3 | 24-5790 | Weight - Rear | 1 |
| †4 | 57-4230 | Spacer | 2 |
| †5 | 3217-9 | Nut - Hex. | 2 |

†One weight required on Groundsmaster 220D with 62" Cutting Unit. Parts must be ordered separately.



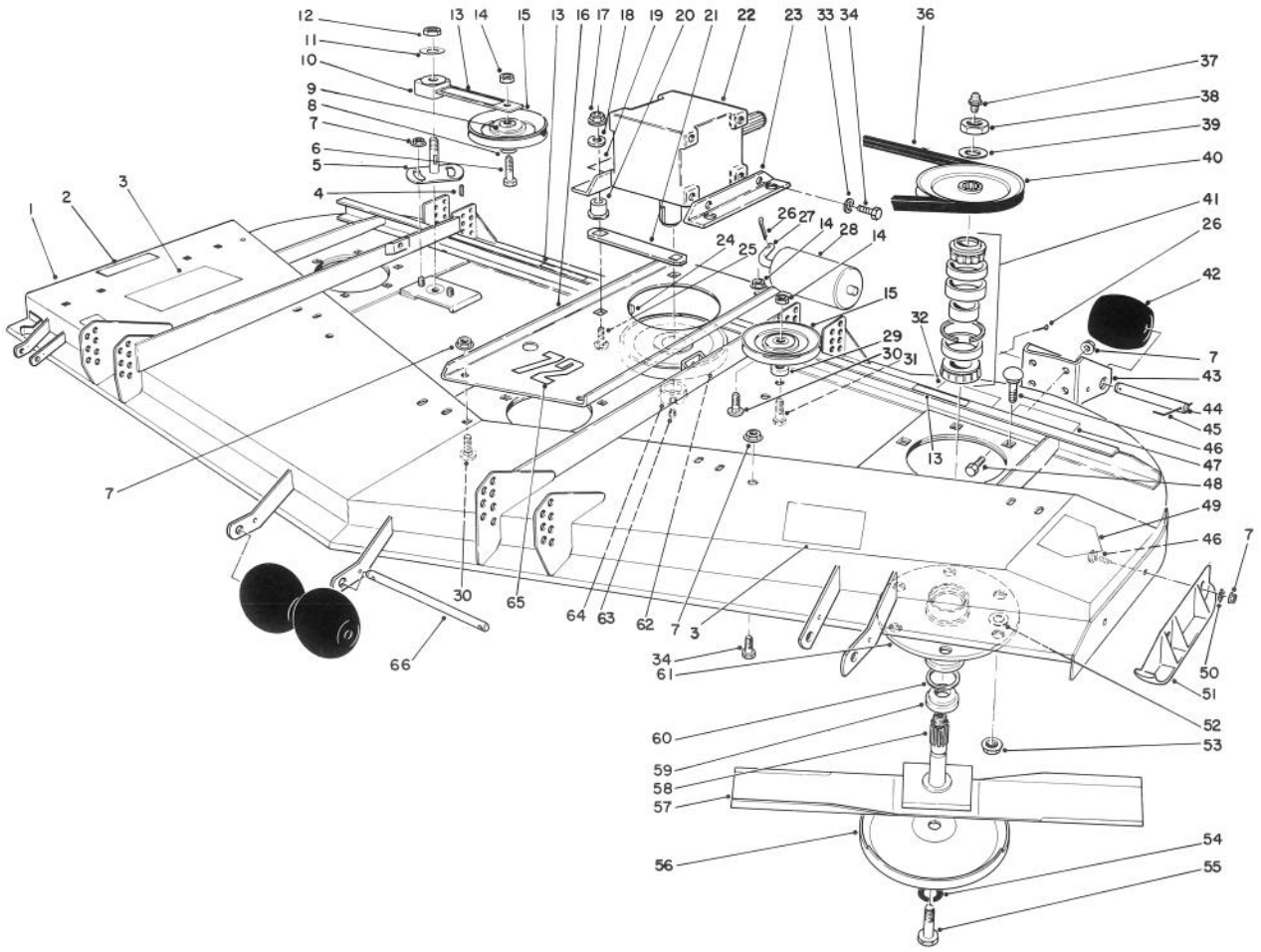
T-0579

# 72" CUTTING UNIT MODEL NO. 30575

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 57-0300 | Housing | 1 |
| 2 | 66-6380 | Decal - Deflector Missing | 1 |
| 3 | 66-1340 | Decal - Danger | 2 |
| 4 | 5-1077 | Key - Square | 1 |
| 5 | 44-6300 | Idler Plate | 1 |
| 6 | 3211-8 | Screw - Cap Hex. Hd. | 1 |
| 7 | 3290-357 | Nut - Lock | 14 |
| 8 | 65-5950 | Bushing - Pulley | 2 |
| 9 | 7-0081 | Washer - Special | 2 |
| 10 | 27-8580 | Assembly - Idler Socket & Bushing | 1 |
| 11 | 3256-27 | Washer - Flat | 1 |
| 12 | 3296-33 | Nut - Lock | 1 |
| 13 | 67-5360 | Decal - Shield Missing | 3 |
| 14 | 3296-5 | Nut - Lock | 2 |
| 15 | 65-5940 | Pulley - Idler | 2 |
| 16 | 68-8530 | Base - Gear Box | 1 |
| 17 | 32153-2 | Nut - Lock | 4 |
| 18 | 63-8410 | Washer-Lock | 4 |
| 19 | 70-2560 | Decal - Lube | 1 |
| 20 | 63-9750 | Mount - Isolation | 4 |
| 21 | 68-9890 | Cover - Gear Box, Front | 1 |
| 22 | 68-6810 | Gear Box | 1 |
| 23 | 68-8560 | Bracket - Gear Box | 2 |
| 24 | 3257-5 | Key - Woodruff | 1 |
| 25 | 3231-26 | Bolt - Carriage | 4 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 26 | 3272-11 | Pin - Cotter | 7 |
| 27 | 40-0340 | Shaft - Rear Roller | 2 |
| 28 | 36-1740 | Roller - Deck | 2 |
| 29 | 44-6390 | Spacer | 1 |
| 30 | 3231-27 | Bolt - Carriage | 4 |
| 31 | 3211-9 | Screw - Cap Hex. Hd. | 1 |
| 32 | 68-8340 | Decal - Blade Bolt Torque | 1 |
| 33 | 3253-21 | Washer - Lock | 4 |
| 34 | 323-4 | Screw - Cap Hex. Hd. | 6 |
| 36 | 57-0240 | V-Belt | 1 |
| 37 | 302-2 | Fitting - Grease | 3 |
| 38 | 32146-20 | Nut - Hex. Jam | 3 |
| 39 | 7-4150 | Washer | 3 |
| 40 | 57-0560 | Pulley | 3 |
| 41 | 46-8530 | Assembly - Bearing | 3 |
| 42 | 29-4820 | Roller | 6 |
| 43 | 57-0580 | Bracket - Roller Left Rear | 1 |
| * | 57-0590 | Bracket - Roller Right Rear | 1 |
| 44 | 57-0680 | Shaft - Roller | 4 |
| 45 | 57-0690 | Pin - Cotter, Special | 5 |
| 46 | 3231-22 | Bolt - Carriage | 20 |
| 47 | 68-7270 | Decal - Rear Weight 70# | 1 |
| 48 | 323-7 | Screw - Cap Hex. Hd. | 4 |
| 49 | 43-8480 | Decal - Danger | 1 |
| 50 | 3290-224 | Washer - Lock | 2 |
| 51 | 57-0570 | Skid | 1 |

*Not Illustrated



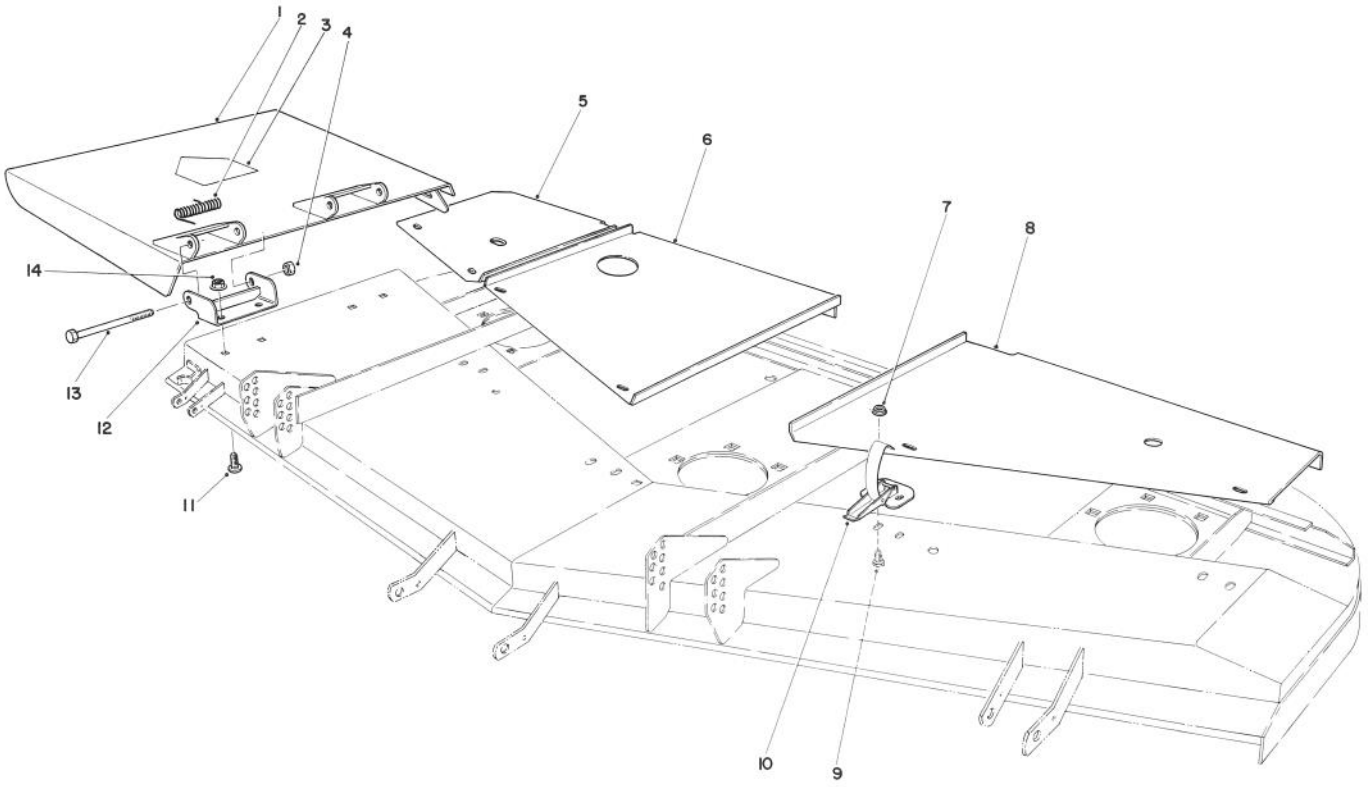

T-0579

# 72" CUTTING UNIT MODEL NO. 30575 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 52 | 3256-24 | Washer - Flat | A/R |
| 53 | 32128-21 | Nut - Flange | 18 |
| 54 | 67-5770 | Washer | 3 |
| 55 | 44-2200 | Screw - Cap, Blade | 3 |
| 56 | 72-9361 | Cup - Anti-Scalp | 3 |
| 57 | 57-0250 | Blade | 3 |
| 58 | 27-0920 | Spindle - Shaft | 3 |
| 59 | 27-0950 | Spacer - Spindle Bearing | 3 |
| 60 | 253-139 | Seal - Wave | 6 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 61 | 61-4160 | Housing - Spindle | 3 |
| 62 | 63-9900 | Pulley - Gear Box | 1 |
| 63 | 3245-9 | Screw - Set, Socket Hd. | 2 |
| 64 | 27-6140 | Bushing - Taper Lock (Incl. Ref. #63) | 1 |
| 65 | 57-0280 | Decal - 72 | 1 |
| 66 | 40-6400 | Shaft - Roller | 1 |
| * | 57-0260 | Assy. - Spindle Housing (Incl. Ref. #37-41 & 58-61) | 3 |

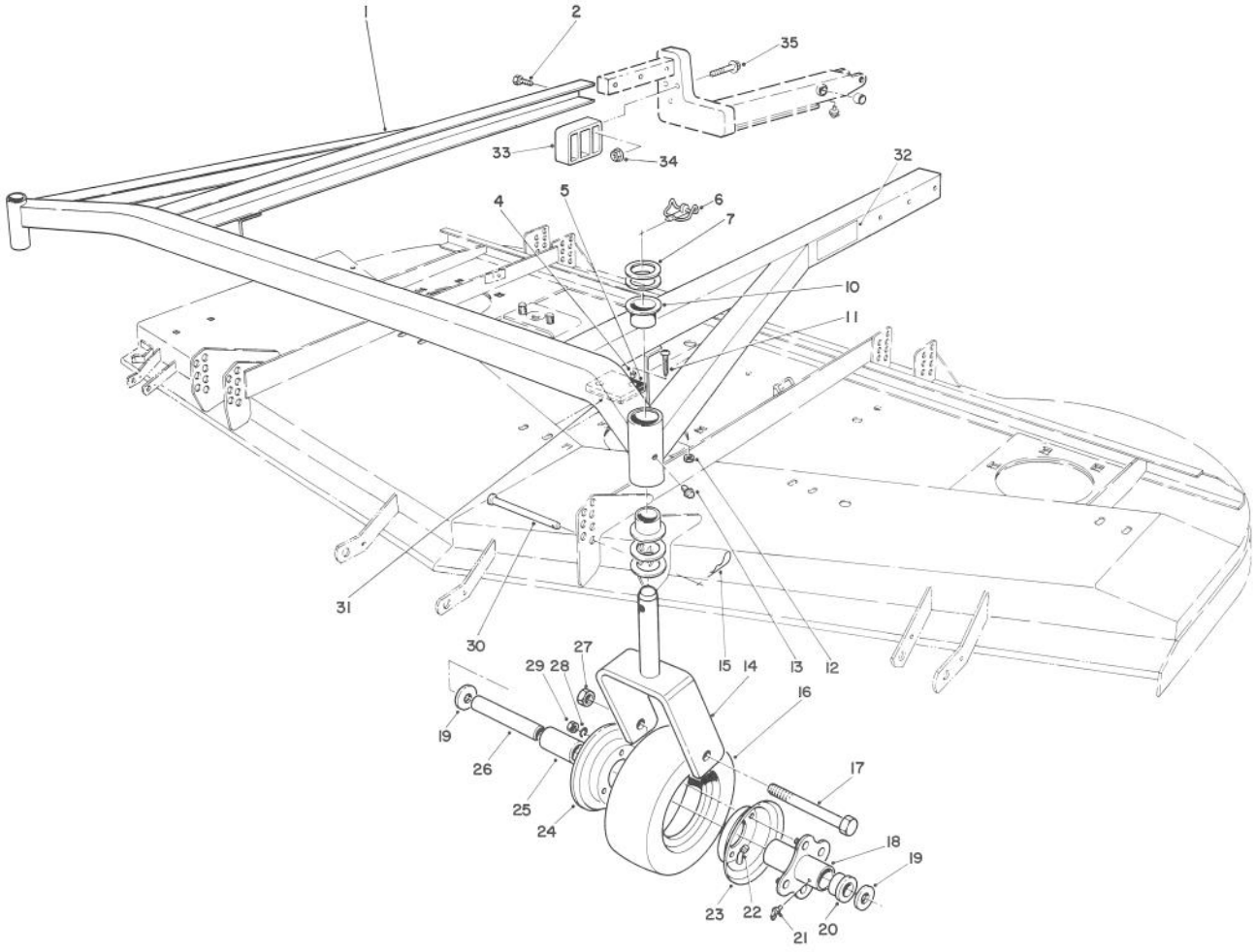
*Not Illustrated




T-0589

# 72" CUTTING UNIT MODEL NO. 30575 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 14-0909 | Deflector Assembly (Incl. Ref. #3) | 1 |
| 2 | 51-1550 | Spring | 2 |
| 3 | 43-8480 | Decal - Danger | 1 |
| 4 | 32153-5 | Nut - Lock | 2 |
| 5 | 57-0230 | Cover - R.H. | 1 |
| 6 | 57-0210 | Cover - Center | 1 |
| 7 | 32128-17 | Nut - Lock | 12 |
| 8 | 57-0220 | Cover - L.H. | 1 |
| 9 | 3290-321 | Screw - Hex Slotted Hd. | 12 |
| 10 | 249-21 | Latch - Draw | 6 |
| 11 | 3231-27 | Bolt - Carriage | 4 |
| 12 | 51-1530 | Bracket - Hinge | 2 |
| 13 | 325-17 | Screw - Cap Hex. Hd. | 2 |
| 14 | 3290-357 | Nut - Flange | 4 |



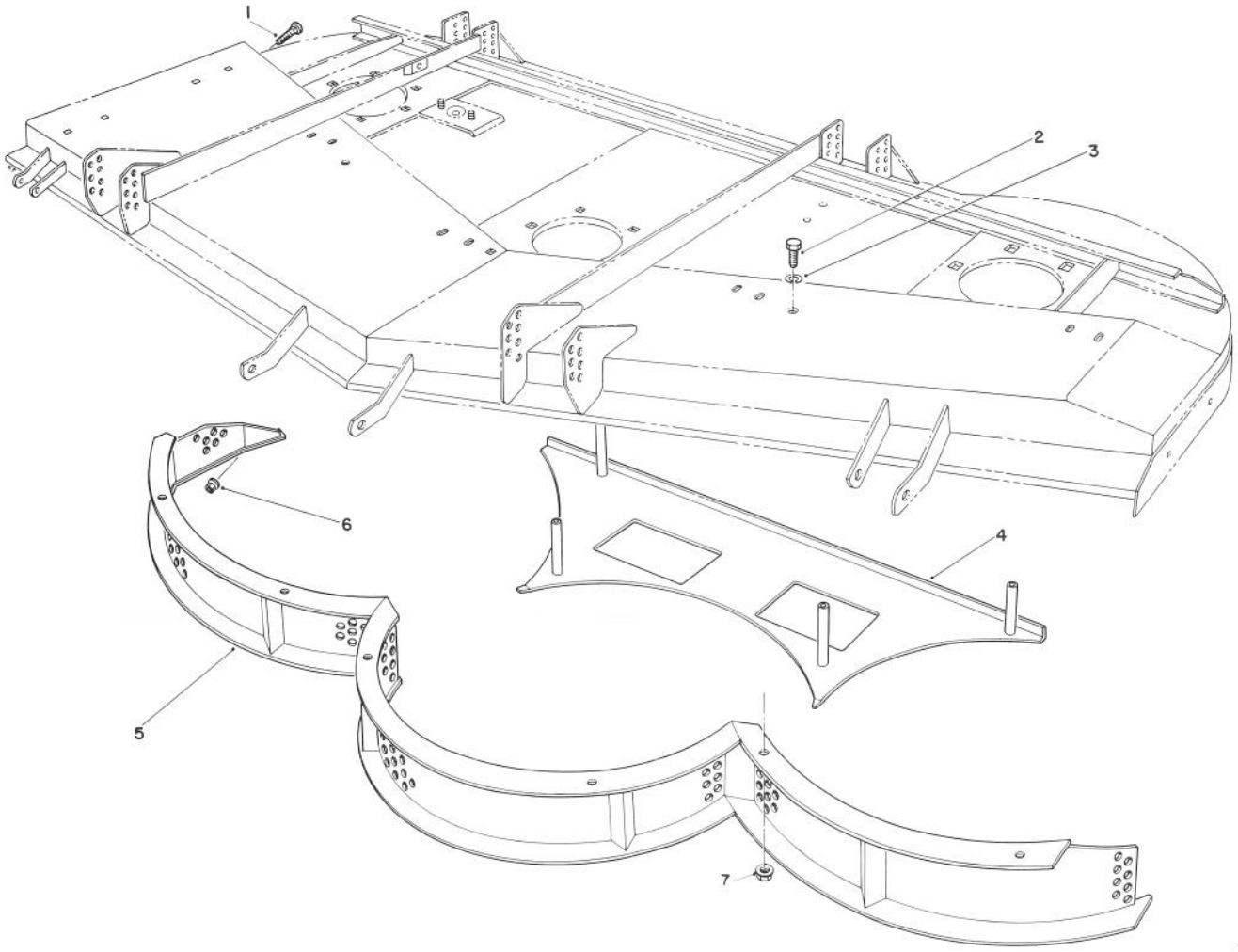

T-1252

# 72" CUTTING UNIT MODEL NO. 30575 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 83-4570 | Carrier Frame (Incl. Ref. #10) | 1 |
| 2 | 325-32 | Screw - Cap Hex. Hd. | 6 |
| 4 | 40-9520 | Spacer - Split | 4 |
| 5 | 40-0330 | Cushion - Rubber | 2 |
| 6 | 3290-384 | Pin - Lynch | 2 |
| 7 | 3-6781 | Washer - Thrust | 8 |
| 10 | 28-9290 | Bushing - Special | 4 |
| 11 | 32122-28 | Screw - Mach. Truss Hd. | 4 |
| 12 | 3296-2 | Nut - Lock | 4 |
| 13 | 302-5 | Fitting - Grease | 2 |
| 14 | 68-8900 | Fork - Castor | 2 |
| 15 | 3290-355 | Pin - Hair, Cotter | 4 |
| 16 | 68-8960 | Tire | 2 |
| 17 | 325-19 | Screw - Cap Hex. Hd. | 2 |
| 18 | 68-8940 | Hub - Center | 2 |
| 19 | 3256-6 | Washer - Flat | 4 |
| 20 | 62-5580 | Bushing | 4 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 21 | 302-61 | Fitting - Grease | 2 |
| 22 | 68-8950 | Tube w/Valve | 2 |
| 23 | 68-8920 | Wheel Half - Female | 2 |
| 24 | 68-8930 | Wheel Half - Male | 2 |
| 25 | 62-5570 | Bearing - Roller | 2 |
| 26 | 68-8980 | Bushing - Spanner | 2 |
| 27 | 32153-5 | Nut - Lock | 2 |
| 28 | 3253-4 | Washer - Lock | 8 |
| 29 | 3217-6 | Nut - Hex. | 8 |
| 30 | 283-55 | Pin - Clevis | 4 |
| 31 | 42-6200 | Shim - Cushion | A/R |
| 32 | 68-8360 | Decal - Height Of Cut | 1 |
| 33 | 83-4520 | Cradle - W.A. | 2 |
| 34 | 32128-40 | Nut - Flange | 6 |
| 35 | 3234-19 | Screw - Flange Hd. | 6 |
| * | 13-3869 | Assembly - Castor Wheel (Incl. Ref. #16 -18, 20-25 & 28-29) | 1<br>2 |

*Not Illustrated

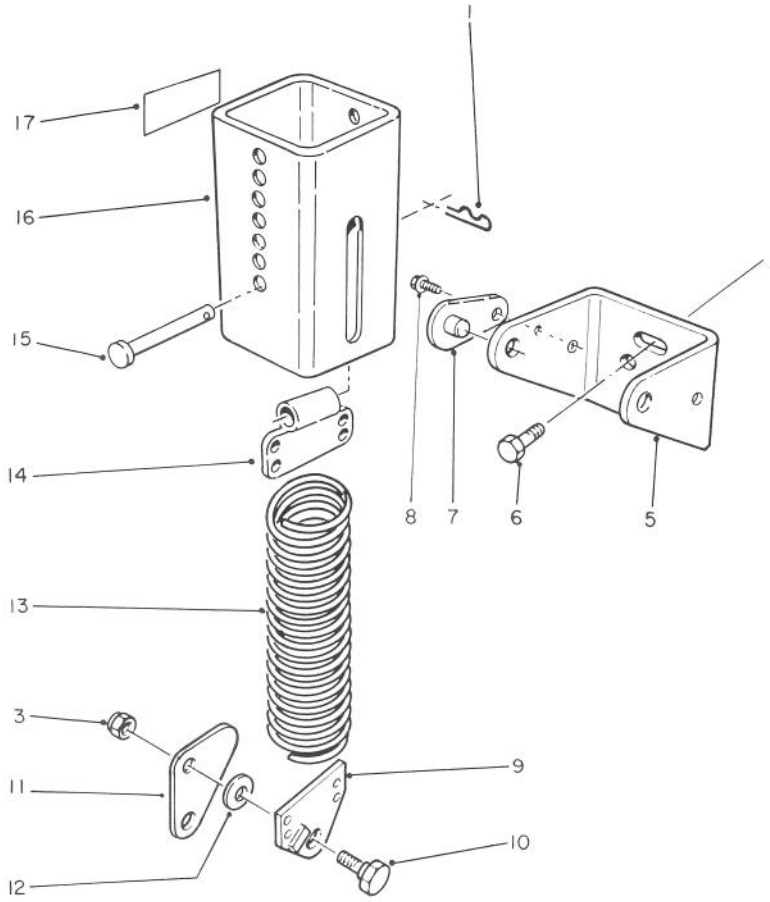



T-0706

# 72" MULCHER KIT MODEL NO. 30779 (Optional)
# For Cutting Unit Model No. 30575

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3230-2 | Bolt - Carriage | 1 |
| 2 | 323-4 | Screw - Cap Hex. Hd. | 10 |
| 3 | 3253-21 | Washer - Lock | 10 |
| 4 | 57-0140 | Shelf - W.A. | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 5 | 57-0030 | Screen - W.A. | 1 |
| 6 | 32128-20 | Nut - Flange | 1 |
| 7 | 3290-357 | Nut - Flange | 6 |



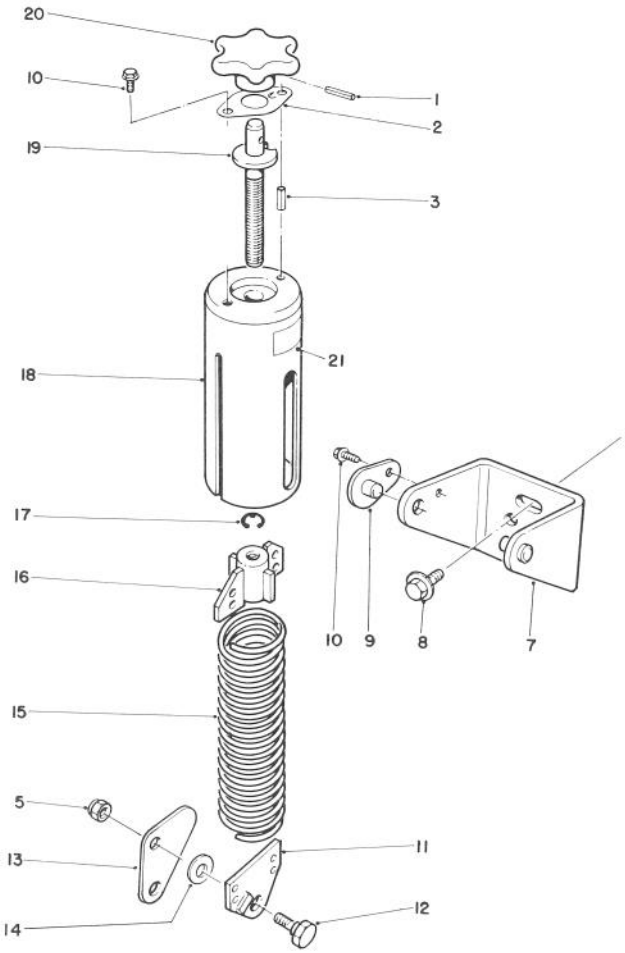

T-1217

# 72" COUNTER BALANCE KIT MODEL NO. 30714*

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3290-355 | Pin - Hair Cotter | 2 |
| 3 | 3296-44 | Nut - Lock | 4 |
| 5 | 66-8230 | Bracket - Mounting | 2 |
| 6 | 3234-11 | Screw - Hex. Flange Hd. | 4 |
| 7 | 70-7920 | Lock Pin Assembly | 4 |
| 8 | 12-3270 | Screw - Self Tapping | 4 |
| 9 | 66-8420 | End - Spring | 2 |
| 10 | 46-3380 | Bolt - Shoulder | 4 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 11 | 66-8440 | Link - Knee | 2 |
| 12 | 3256-24 | Washer - Flat | 4 |
| 13 | 66-8390 | Spring - Extension | 2 |
| 14 | 70-7940 | End - Spring | 2 |
| 15 | 283-69 | Pin - Clevis | 2 |
| 16 | 70-7970 | Spring Cover Assembly | 2 |
| 17 | 55-4300 | Decal - Caution | 4 |

*Furnished with 72" cutting unit model no. 30575.



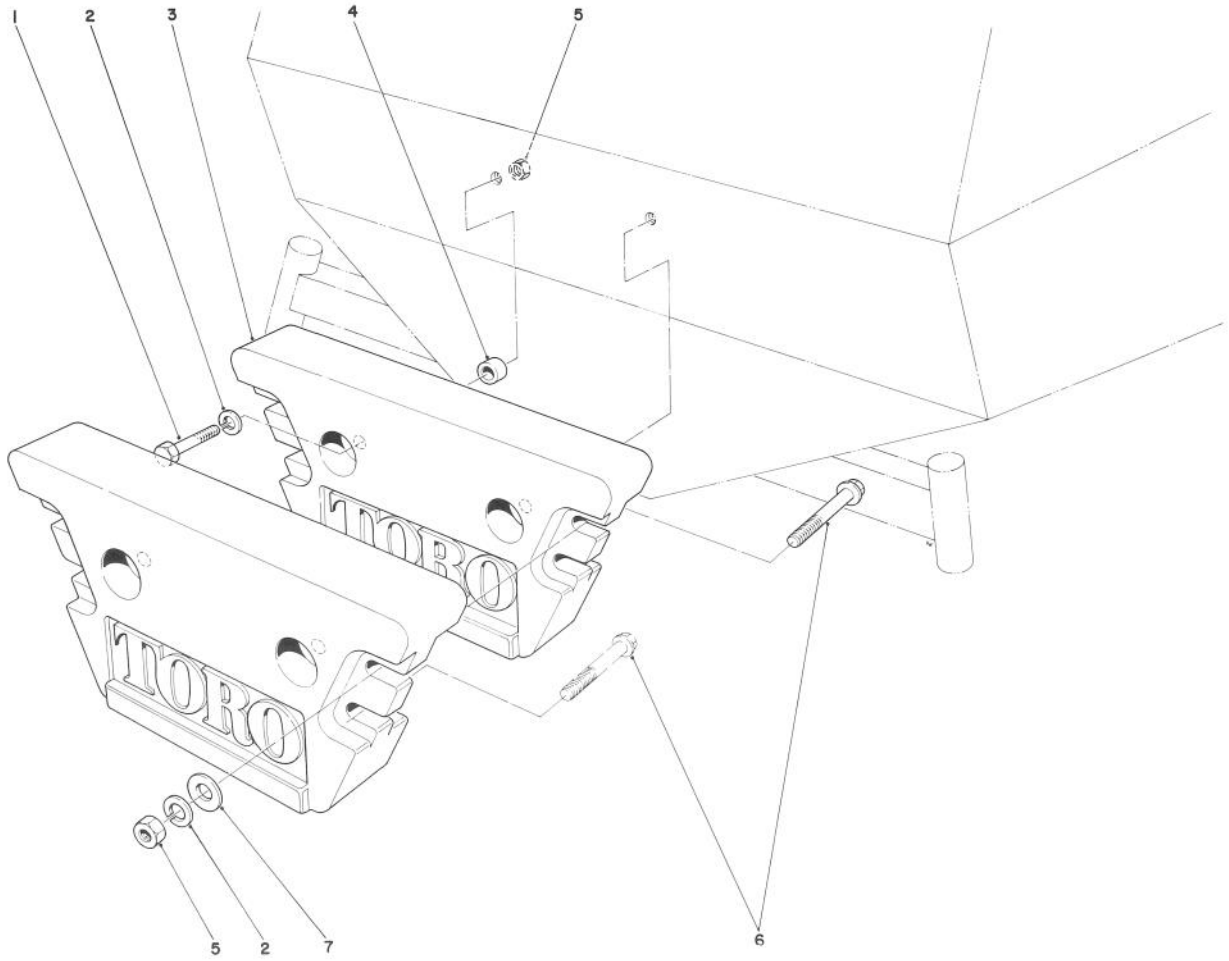

T-1218

# 72" WEIGHT TRANSFER KIT MODEL NO. 30704

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 32121-12 | Pin - Roll | 2 |
| 2 | 66-8330 | Spring - Detent | 2 |
| 3 | 32121-13 | Pin - Roll | 2 |
| 5 | 3296-44 | Nut - Lock | 4 |
| 7 | 66-8220 | Bracket | 2 |
| 8 | 3234-11 | Screw - Hex. Flange Hd. | 4 |
| 9 | 66-8250 | Pin - Lock | 2 |
| 10 | 12-3270 | Screw - Self-Tap | 2 |
| 11 | 66-8420 | End - Spring | 2 |
| 12 | 46-3380 | Bolt - Shoulder | 4 |
| 13 | 66-8440 | Link - Knee | 2 |
| 14 | 3256-24 | Washer - Flat | 4 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 15 | 66-8390 | Spring - Heavy Duty | 2 |
| 16 | 66-8340 | End - Spring | 2 |
| 17 | 32120-47 | E-Ring | 2 |
| 18 | 66-8300 | Assembly - Cover | 2 |
| 19 | 66-8270 | Shaft | 2 |
| 20 | 59-4380 | Knob | 2 |
| 21 | 55-4300 | Decal - Caution | 4 |
| * | 66-8400 | Counterbalance Assembly (Incl. Ref. #1-3, 10, 11 & 15-21) | 2 |

*Not Illustrated



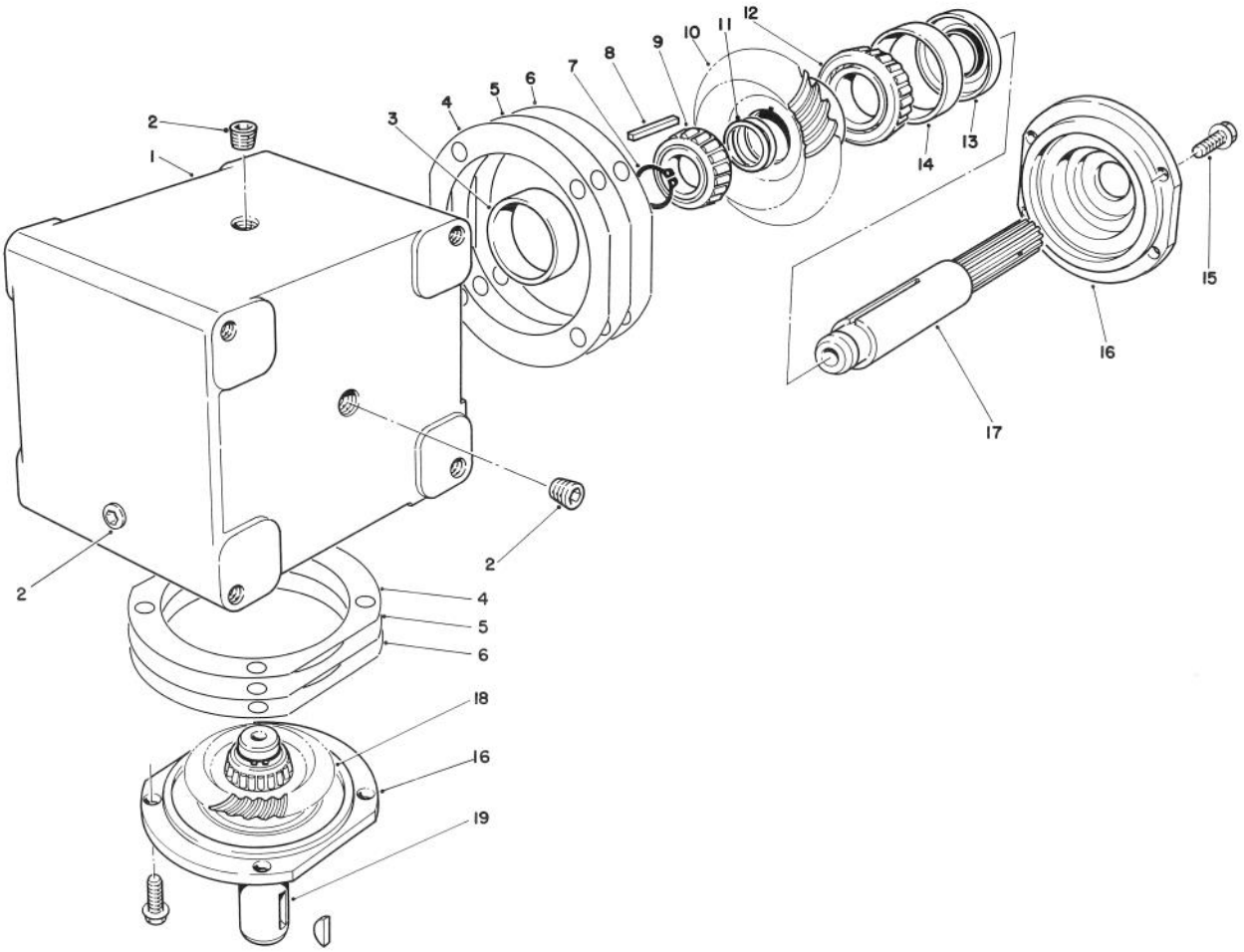

T-0630

# †REAR WEIGHT KIT NO. 24-5780

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 325-8 | Screw - Cap Hex. Hd. | 2 |
| 2 | 3253-7 | Washer - Lock | 6 |
| 3 | 24-5790 | Weight - Rear | 2 |
| 4 | 57-4230 | Spacer | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 5 | 3217-9 | Nut - Hex. | 6 |
| 6 | 325-14 | Screw - Cap Hex. Hd. | 4 |
| 7 | 3256-26 | Washer - Flat | 8 |

†One kit (2 weights) required on Groundsmaster 220D with 72" Cutting Unit.

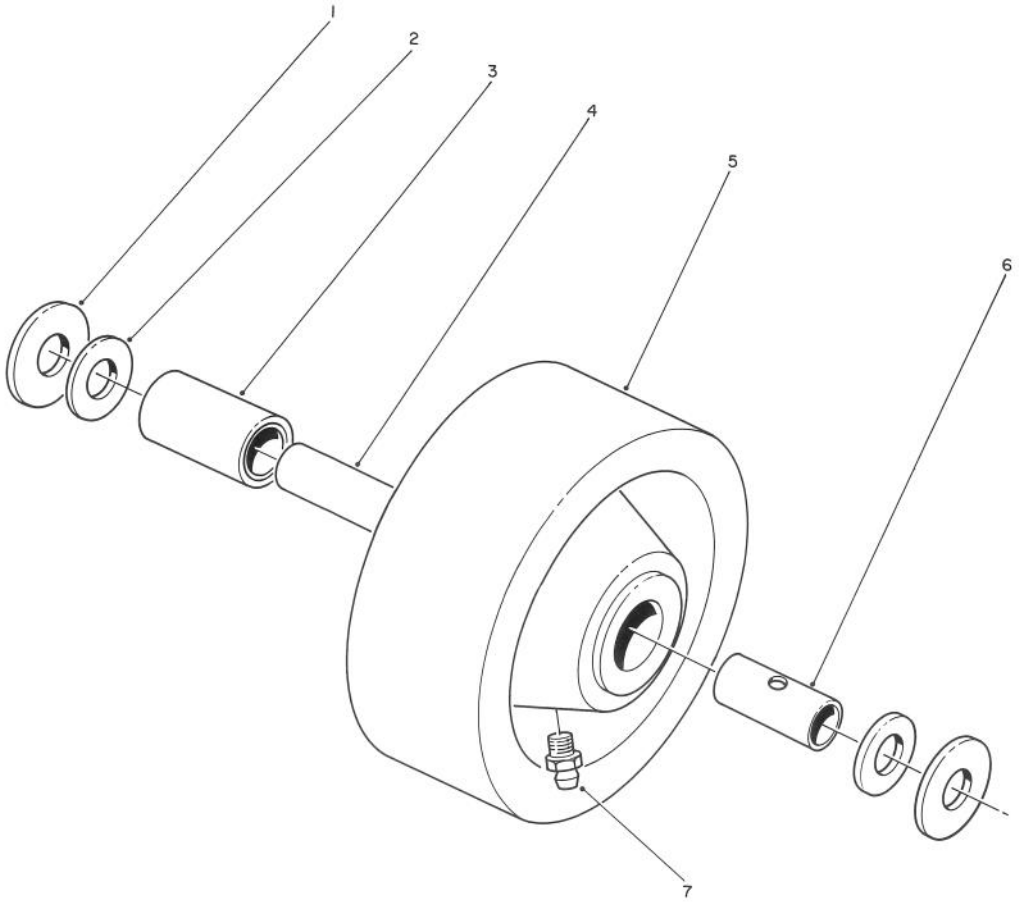



T-0977

# GEAR BOX ASSEMBLY NO. 68-6810

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 68-7030 | Housing | 1 |
| 2 | 62-3490 | Plug - Pipe (Solid) | 4 |
| 3 | 62-3360 | Cup - Bearing | 2 |
| 4 | 62-3420 | Gasket (.015) | A/R |
| 5 | 62-3430 | Gasket (.005) | A/R |
| 6 | 62-3440 | Gasket (.003) | A/R |
| 7 | 68-7070 | Ring - Retaining | 2 |
| 8 | 62-3380 | Key | 2 |
| 9 | 62-3370 | Cone - Bearing | 2 |
| 10 | 68-7080 | Gear | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 11 | 72-9370 | Shim (.020) | 4 |
| 12 | 62-3330 | Cone - Gear | 1 |
| 13 | 62-3400 | Seal | 2 |
| 14 | 62-3340 | Cup - Bearing | 2 |
| 15 | 62-3310 | Screw - Cap | 8 |
| 16 | 62-3410 | Cap | 2 |
| 17 | 68-7040 | Shaft | 1 |
| 18 | 68-7060 | Gear | 1 |
| 19 | 68-7050 | Shaft | 1 |

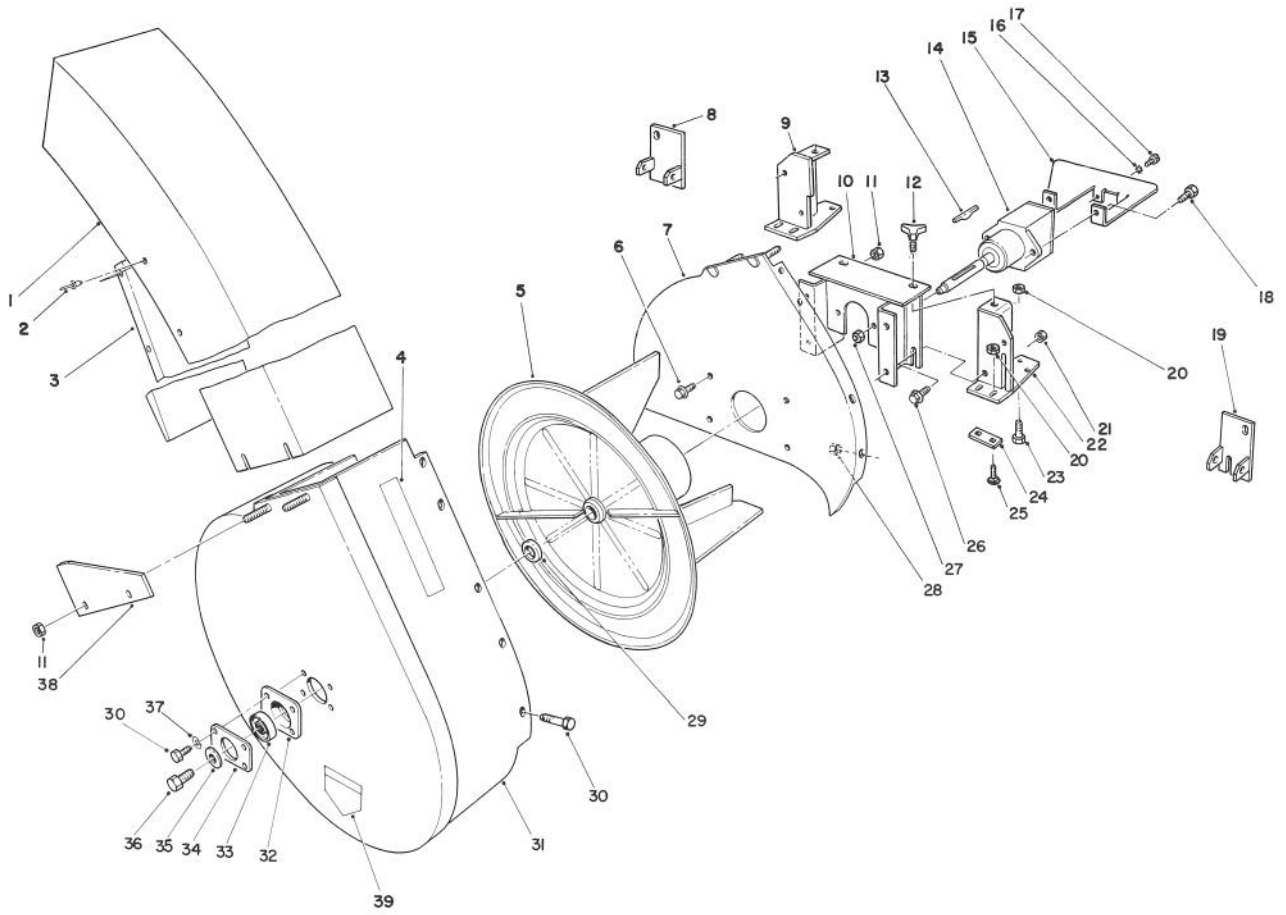



T-0633

# PHENOLIC WHEEL ASSEMBLY NO. 27–1050 (Optional)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 27–1170 | Washer – Thrust | 2 |
| 2 | 27–1180 | Retainer – Bearing | 2 |
| 3 | 27–121 0 | Bearing – Roller | 1 |
| †4 | 68–8980 | Bushing – Spanner | 1 |
| 5 | 27–1190 | Wheel – Caster | 1 |
| 6 | 27–1200 | Bushing – Spanner | 1 |
| 7 | 302–55 | Fitting – Grease | 1 |

†Must be ordered separately for use with 1/2" bolt.

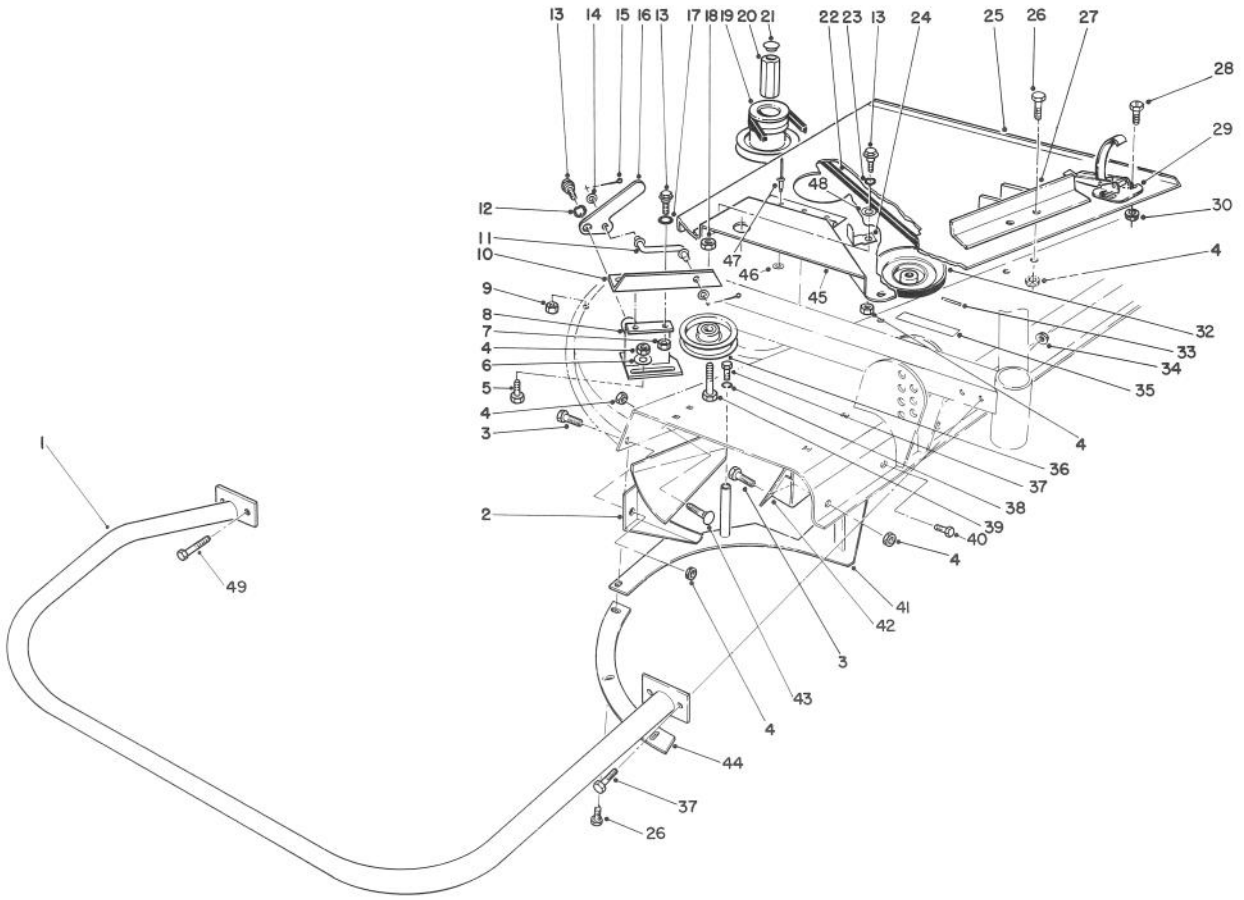


T-0601

# 52" BLOWER KIT MODEL NO. 30502 (Optional)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 44-5300 | Assembly - Chute (Incl. Ref. #2 & 3) | 1 |
| 2 | 3290-409 | Rivet | 8 |
| 3 | | Deflector - Chute | 1 |
| 4 | 82-5510 | Decal - Warning | 1 |
| 5 | 56-4780 | Impeller | 1 |
| 6 | 3234-14 | Screw - Flange | 4 |
| 7 | 59-5070 | Plate - Mounting | 1 |
| 8 | 59-4980 | Bracket - Deflector L.H. | 1 |
| 9 | 59-5050 | Bracket - L.H. | 1 |
| 10 | 59-5140 | Mount - Blower | 1 |
| 11 | 3296-29 | Nut - Lock | 8 |
| 12 | 62-6520 | Knob | 2 |
| 13 | 3257-40 | Key - Hi Pro | 1 |
| 14 | 53-4530 | Assembly - Gear Box | 1 |
| 15 | 59-5150 | Cover - Gear Box | 1 |
| 16 | 3255-17 | Washer - Lock | 2 |
| 17 | 3290-134 | Screw - Cap Hex. Hd. | 2 |
| 18 | 323-7 | Screw - Cap Hex. Hd. | 2 |
| 19 | 59-5000 | Bracket - Deflector R.H. | 1 |
| 20 | 32152-1 | Nut - Lock | 6 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 21 | 3218-3 | Nut - Jam | 2 |
| 22 | 59-5090 | Bracket - R.H. | 1 |
| 23 | 322-3 | Screw - Cap Hex. Hd. | 2 |
| 24 | 44-5460 | Plate - Bracket | 2 |
| 25 | 3230-1 | Bolt - Carriage | 4 |
| 26 | 3234-11 | Screw - Flange | 2 |
| 27 | 3296-44 | Nut - Lock | 2 |
| 28 | 3296-42 | Nut - Lock | 9 |
| 29 | 63-9710 | Spacer - Bearing | 1 |
| 30 | 321-3 | Screw - Cap Hex. Hd. | 13 |
| 31 | 13-0269 | Housing - Blower (Incl. Ref. #4 & 39) | 1 |
| 32 | 37-6730 | Cup - Bearing | 1 |
| 33 | 38-7820 | Bearing - Ball | 1 |
| 34 | 63-9700 | Plate - Cover | 1 |
| 35 | 43-0940 | Spacer - Blower Hub | 1 |
| 36 | 3235-22 | Screw - Cap Hex. Hd. | 1 |
| 37 | 3253-3 | Washer - Lock | 4 |
| 38 | 43-0960 | Bracket - Chute | 1 |
| 39 | 43-8480 | Decal - Danger | 2 |




T-0602A

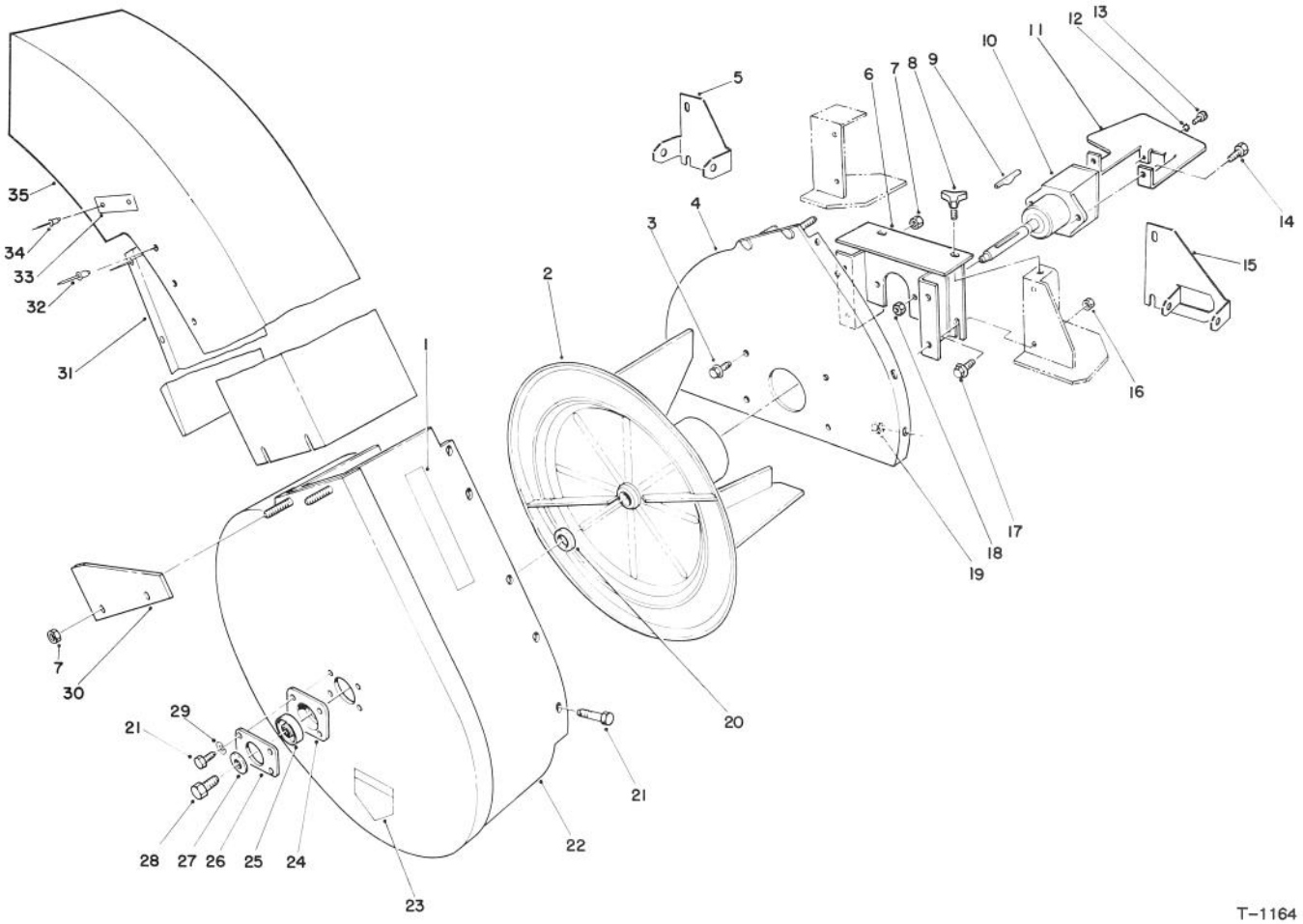
# 52" BLOWER KIT MODEL NO. 30502 (Optional) (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 70-8050 | Bumper | 1 |
| 2 | 43-1060 | Deflector - Rear | 1 |
| 3 | 322-4 | Screw - Cap Hex. Hd. | 2 |
| 4 | 32152-1 | Nut - Lock | 10 |
| 5 | 322-3 | Screw - Cap Hex. Hd. | 3 |
| 6 | 3256-56 | Washer - Flat | 3 |
| 7 | 3296-29 | Nut - Hex. | 2 |
| 8 | 59-4920 | Bracket - Idler Mounting | 1 |
| 9 | 32152-4 | Nut - Lock | 5 |
| 10 | 59-4930 | Slide - Idler | 1 |
| 11 | 59-4940 | Rod - Idler | 1 |
| 12 | 3290-211 | Washer - Spring | 1 |
| 13 | 19-1470 | Bolt - Shoulder | 4 |
| 14 | 3256-23 | Washer - Flat | 2 |
| 15 | 3272-6 | Pin - Cotter | 2 |
| 16 | 56-4900 | Lever - Idler | 1 |
| 17 | 23-1120 | Washer - Flat | 2 |
| 18 | 3296-44 | Nut - Hex. | 1 |
| 19 | 59-5170 | Pulley (Splined) | 1 |
| 20 | 59-5190 | Nut - Pulley | 1 |
| 21 | 59-5310 | Cover - Nut | 1 |
| 22 | 59-5270 | V-Belt | 1 |
| 23 | 3290-211 | Washer - Spring | 1 |
| 24 | 59-5290 | Latch | 1 |
| 25 | 77-0180 | Assembly - Cover, Right | 1 |
| 26 | 321-4 | Screw - Cap Hex. Hd. | 7 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 27 | 77-0160 | Bracket - Spring | 1 |
| 28 | 3290-321 | Screw - Machine | 4 |
| 29 | 249-21 | Latch - Draw | 2 |
| 30 | 32128-17 | Nut - Flange | 4 |
| 31 | 32153-4 | Nut - Lock | 2 |
| 32 | 56-4810 | Pulley - Gear Box | 1 |
| 33 | 32121-8 | Pin - Roll | 1 |
| 34 | 32128-43 | Nut - Lock | 2 |
| 35 | 43-1120 | Decal - Warning | 1 |
| 36 | 56-4920 | Pulley - Idler | 1 |
| 37 | 323-6 | Screw - Cap Hex. Hd. | 6 |
| 38 | 3253-21 | Washer - Lock | 4 |
| 39 | 323-7 | Screw - Cap Hex. Hd. | 1 |
| 40 | 322-2 | Screw - Cap Hex. Hd. | 2 |
| 41 | 44-7770 | Shelf - Rear | 1 |
| 42 | 67-7540 | Deflector - Front | 1 |
| 43 | 3230-1 | Bolt - Carriage | 2 |
| 44 | 44-7780 | Shelf - R.H. | 1 |
| 45 | 77-0130 | Cover - Pulley | 1 |
| 46 | 3256-13 | Washer - Flat | 3 |
| 47 | 3290-55 | Rivet - Pop | 3 |
| 48 | 3256-4 | Washer - Flat | 1 |
| 49 | 325-32 | Screw - Cap Hex. Hd. | 2 |
| * | 44-5480 | Blade - High Sail (18") (Optional) | 1 |
| *† | 32128-23 | Nut - Flange | 2 |

*Not Illustrated

†Required on older units for mounting Bumper No. 70-8050 to carrier frame.




T-1164

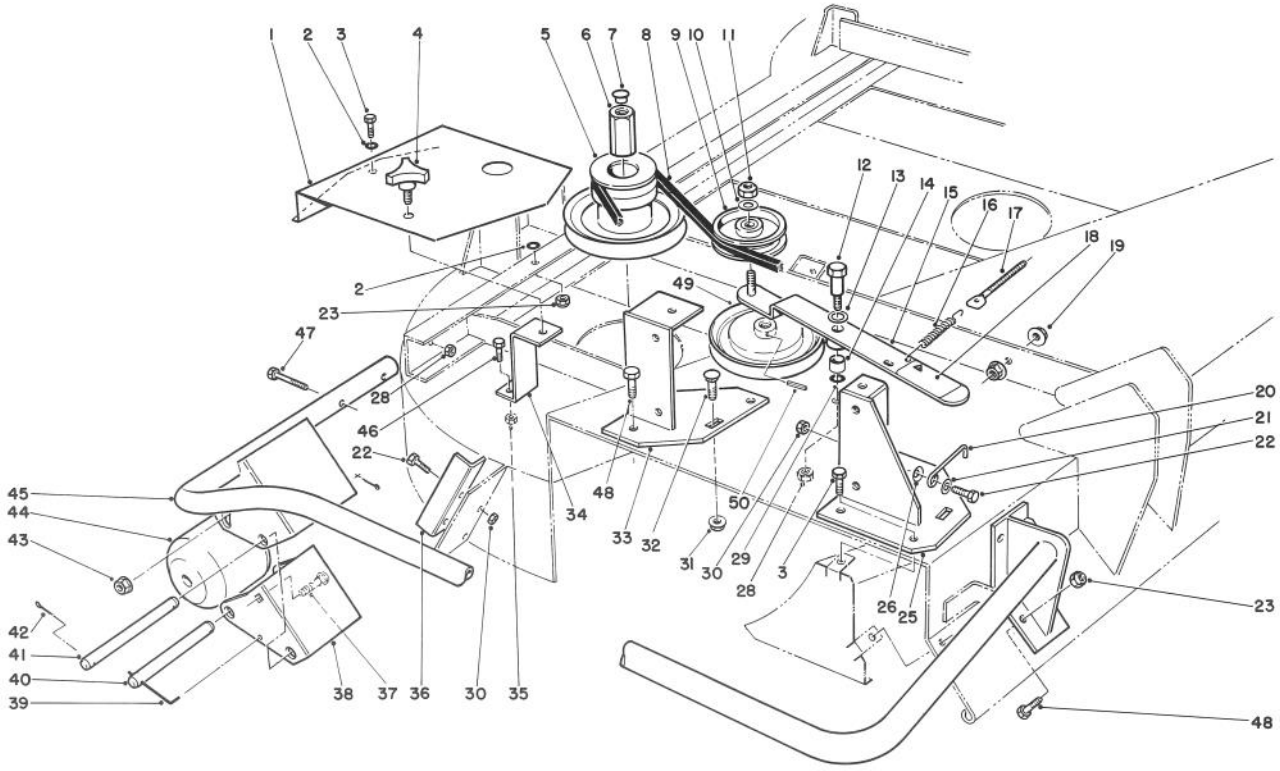
# 62" BLOWER KIT MODEL NO. 30503 (Optional)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 82-5510 | Decal - Warning | 1 |
| 2 | 56-4780 | Impeller | 1 |
| 3 | 3234-14 | Screw - Flange Hd. | 4 |
| 4 | 77-5820 | Plate W.A. - Mounting | 1 |
| 5 | 80-2820 | Bracket - Pivot, L.H. | 1 |
| 6 | 77-5440 | Mount - Blower W.A. | 1 |
| 7 | 3296-29 | Nut - Lock | 8 |
| 8 | 62-6520 | Knob | 2 |
| 9 | 3257-40 | Key - Hi Pro | 1 |
| 10 | 53-4530 | Gear Box Assembly | 1 |
| 11 | 77-5630 | Cover - Gear Box | 1 |
| 12 | 3255-17 | Washer - Lock | 2 |
| 13 | 3290-134 | Screw - Cap Hex. Hd. | 2 |
| 14 | 323-7 | Screw - Cap Hex. Hd. | 2 |
| 15 | 80-2810 | Bracket - Pivot R.H. | 1 |
| 16 | 3218-3 | Nut - Jam | 2 |
| 17 | 3234-11 | Screw - Flange Hd. | 2 |
| 18 | 3296-44 | Nut - Lock | 2 |
| 19 | 3296-42 | Nut - Lock | 9 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 20 | 63-9710 | Spacer - Bearing | 2 |
| 21 | 321-3 | Screw - Cap Hex. Hd. | 13 |
| 22 | 13-0269 | Housing - Blower (Incl. Ref. #1 & 23) | 1 |
| 23 | 43-8480 | Decal - Danger | 1 |
| 24 | 37-6730 | Cup - Bearing | 1 |
| 25 | 38-7820 | Bearing - Ball | 1 |
| 26 | 63-9700 | Cover - Plate | 1 |
| 27 | 43-0940 | Spacer - Hub, Blower | 1 |
| 28 | 3235-22 | Screw - Cap Hex. Hd. | 1 |
| 29 | 3253-3 | Washer - Lock | 4 |
| 30 | 43-0960 | Bracket - Chute | 2 |
| 31 | | Deflector - Chute | 1 |
| 32 | 3290-409 | Rivet | 6 |
| 33 | 80-4670 | Plate | 2 |
| 34 | 3290-271 | Rivet | 4 |
| 35 | 80-3720 | Chute Assembly (Incl. Ref. #32-34) | 1 |
| *† | 66-8390 | Spring - Heavy Duty | 1 |

*Not Illustrated

†Heavy duty spring no. 66-8390 used on discharge side of cutting unit with blower.

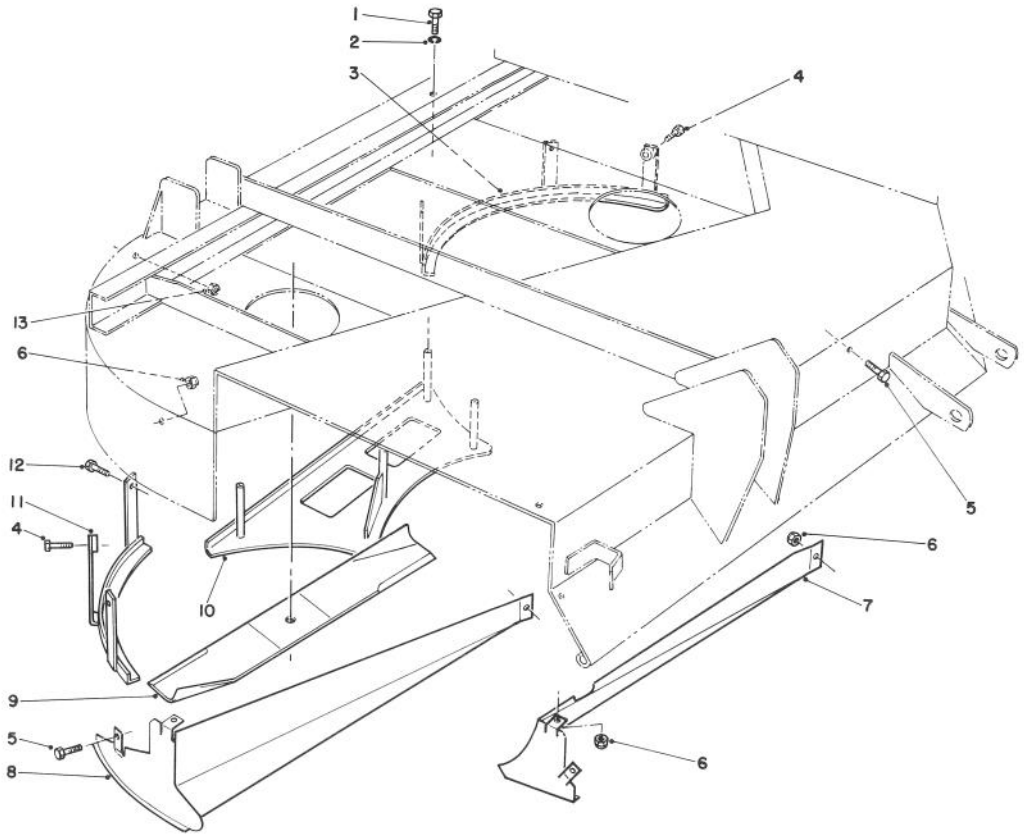



T-1167A

# 62" BLOWER KIT MODEL NO. 30503 (Optional) (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 77-5620 | Cover - Deck, R.H. | 1 |
| 2 | 3256-23 | Washer - Flat | 2 |
| 3 | 322-5 | Screw - Cap Hex. Hd. | 2 |
| 4 | 62-6520 | Knob | 1 |
| 5 | 77-5420 | Pulley W.A. - Splined | 1 |
| 6 | 59-5190 | Nut - Pulley | 1 |
| 7 | 59-5310 | Cover - Nut | 1 |
| 8 | 80-3590 | V-Belt | 1 |
| 9 | 56-4920 | Pulley - Idler | 1 |
| 10 | 3256-38 | Washer - Flat | 1 |
| 11 | 3296-59 | Nut - Lock | 1 |
| 12 | 80-3250 | Screw - Pivot | 1 |
| 13 | 257-10 | Washer | 1 |
| 14 | 256-206 | Bushing | 1 |
| 15 | 80-3310 | Assembly - Arm (Incl. Ref. #14 & 18) | 1 |
| 16 | 37-8880 | Spring | 1 |
| 17 | 80-3560 | Rod - Threaded | 1 |
| 18 | 55-4300 | Decal | 1 |
| 19 | 32128-20 | Nut - Flange | 2 |
| 20 | 80-3570 | Hook | 1 |
| 21 | 3256-22 | Washer - Flat | 1 |
| 22 | 321-4 | Screw - Cap Hex. Hd. | 3 |
| 23 | 3296-29 | Nut - Lock | 9 |
| 25 | 77-5520 | Bracket W.A. - R.H. | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 26 | 3290-451 | Washer - Belleville | 1 |
| 28 | 3296-39 | Nut - Lock | 3 |
| 29 | 257-9 | Washer - Thrust | 1 |
| 30 | 3296-42 | Nut - Lock | 3 |
| 31 | 3290-357 | Nut - Flange | 4 |
| 32 | 3231-27 | Bolt - Carriage | 4 |
| 33 | 77-5560 | Bracket W.A. - L.H. | 1 |
| 34 | 77-5600 | Support - Cover | 1 |
| 35 | 32146-18 | Nut | 2 |
| 36 | 80-3550 | Stop - Deflector | 1 |
| 37 | 3231-22 | Bolt - Carriage | 2 |
| 38 | 80-3450 | Bracket - Roller | 1 |
| 39 | 80-3230 | Pin - Special | 1 |
| 40 | 80-3440 | Shaft - Roller | 1 |
| 41 | 80-3200 | Shaft | 1 |
| 42 | 3272-11 | Pin - Cotter | 3 |
| 43 | 32128-43 | Nut - Lock | 2 |
| 44 | 80-3580 | Roller | 1 |
| 45 | 77-6940 | Bumper W.A. | 1 |
| 46 | 3290-134 | Screw - Cap Hex. Hd. | 2 |
| 47 | 323-19 | Screw - Cap Hex. Hd. | 2 |
| 48 | 322-3 | Screw - Cap Hex. Hd. | 8 |
| 49 | 56-4810 | Pulley - W.A. Gear Box | 1 |
| 50 | 32121-8 | Pin - Roll | 1 |

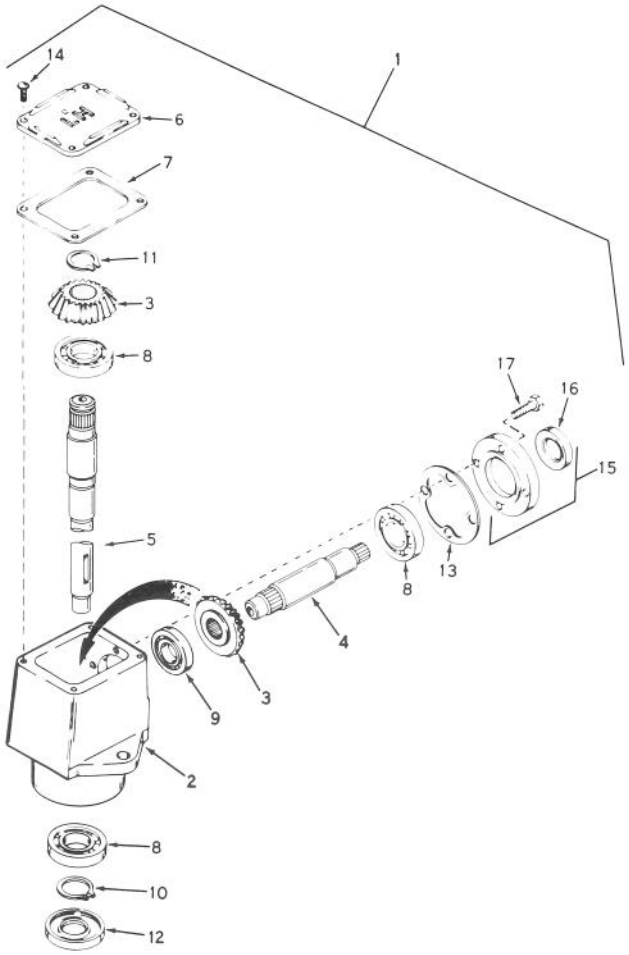



T-1165

# 62" BLOWER KIT MODEL 30503 (Optional)(Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 323-6 | Screw - Cap Hex. Hd. | 4 |
| 2 | 3253-21 | Washer - Lock | 4 |
| 3 | 77-5930 | Shelf W.A. - Bottom, Left | 1 |
| 4 | 321-6 | Screw - Cap Hex. Hd. | 3 |
| 5 | 322-2 | Screw - Cap Hex. Hd. | 5 |
| 6 | 3296-29 | Nut - Lock | 6 |
| 7 | 77-5740 | Deflector W.A. - Front | 1 |
| 8 | 77-5670 | Deflector W.A. - Rear | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 9 | 77-6710 | Blade | 3 |
| 10 | 77-5640 | Shelf W.A. - Rear | 1 |
| 11 | 77-5850 | Shelf W.A. - Right | 1 |
| 12 | 321-4 | Screw - Cap Hex. Hd. | 3 |
| 13 | 3296-42 | Nut - Lock | 6 |

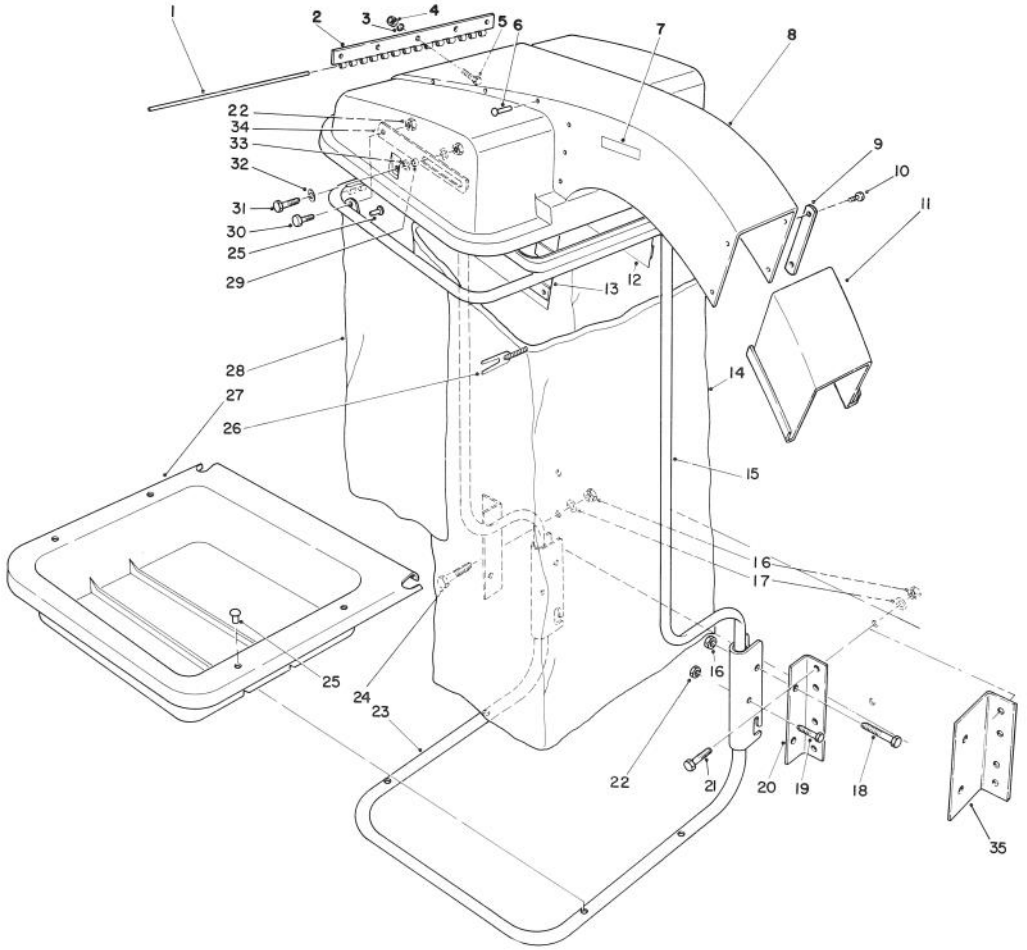



T-1168-90

# GEAR BOX ASSEMBLY 53-4530

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 794402 | Assembly - Head, L.H. (Incl. Ref.#2-15) | 1 |
| 2 | 770026A | Housing - Right Angle Drive | 1 |
| 3 | 778046 | Gear - Miter | 2 |
| 4 | 776250 | Shaft - Input | 1 |
| 5 | 776249 | Shaft - Output | 1 |
| 6 | 772035 | Cover | 1 |
| 7 | 788028 | Gasket - Cover | 1 |
| 8 | 780034 | Bearing - Ball | 3 |
| 9 | 780024 | Bearing - Ball | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 10 | 788019 | Ring - Snap | 1 |
| 11 | 788018 | Ring - Snap | 1 |
| 12 | 788029 | Seal - Oil | 1 |
| 13 | 788030 | Gasket - Cap | 1 |
| 14 | 792025 | Screw - Rd. Hd. Self-Tap. | 4 |
| 15 | 786029 | Assy. - Cap/Seal Retainer (Incl. Ref.#16 & 17) | 1 |
| 16 | 788031 | Seal - Oil | 1 |
| 17 | 792026 | Screw - Cap Hex. Hd. | 4 |




T-0603

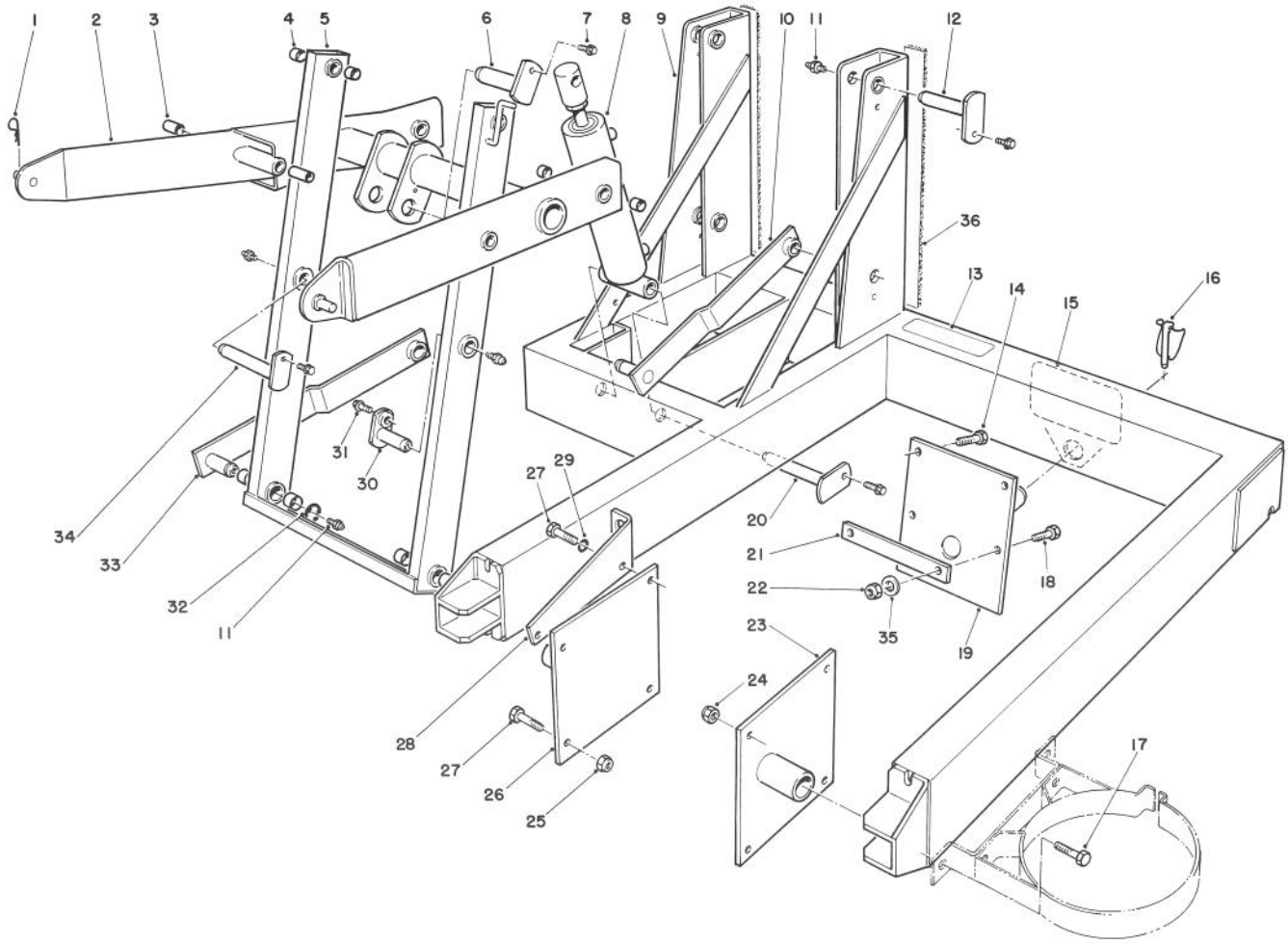
# 9 CU. FT. HOPPER KIT MODEL NO. 30504 (Optional)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 43-1000 | Pin - Hinge, Hood | 1 |
| 2 | 43-0610 | Hinge - Half | 1 |
| 3 | 3256-14 | Washer - Flat | 5 |
| 4 | 3296-2 | Nut - Lock | 5 |
| 5 | 3290-134 | Screw - Mach. Hex. Hd. | 5 |
| 6 | 3290-412 | Rivet - Pop | 14 |
| 7 | 43-1100 | Decal - Caution | 2 |
| 8 | 13-1649 | Hood Assembly (Incl. Ref. #7) | 1 |
| 9 | 67-1730 | Plate - Nut | 2 |
| 10 | 3274-31 | Screw - Button Head | 4 |
| 11 | 77-0680 | Extension - Snout | 1 |
| 12 | 43-0600 | Screen - Left Hand | 1 |
| 13 | 43-0570 | Screen - Right Hand | 1 |
| 14 | 43-0990 | Bag - Cloth 32" (7 bushel capacity) | 1 |
| * | 43-0980 | Bag - Cloth 38" (10 bushel capacity) (Optional) | 1 |
| 15 | 67-7500 | Upper Support Tube Assy. (Incl. Ref. #25 & 28) | 1 |
| 16 | 32152-2 | Nut - Lock | 12 |
| 17 | 3256-3 | Washer - Flat | 8 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 18 | 323-11 | Screw - Cap Hex. Hd. | 4 |
| 19 | 322-11 | Screw - Cap Hex. Hd. | 2 |
| 20 | 43-1010 | Bracket - Frame (For use with 52" Blower) | 4 |
| 21 | 323-7 | Screw - Cap Hex. Hd. | 7 |
| 22 | 32152-1 | Nut - Lock | 6 |
| 23 | 43-0720 | Lower Support Tube Assy. (Incl. Ref. #25 & 27) | 1 |
| 24 | 323-10 | Screw - Cap Hex. Hd. | 1 |
| 25 | 3290-409 | Rivet - Pop | 21 |
| 26 | 3-2781 | Retainer - Cord | 1 |
| *† | 36-7770 | Retainer - Cord (Optional) | 1 |
| 27 | | Tray - Lower | 1 |
| 28 | | Skirt - Bagging Frame | 1 |
| 29 | 43-1020 | Spacer - Pivot Arm | 2 |
| 30 | 322-3 | Screw - Cap Hex. Hd. | 2 |
| 31 | 322-4 | Screw - Cap Hex. Hd. | 2 |
| 32 | 3256-56 | Washer - Flat | 2 |
| 33 | 3256-57 | Washer - Fender | 4 |
| 34 | 43-1051 | Stop - Hood | 2 |
| 35 | 76-1990 | Bracket - Frame (For use with 62" Blower) | 4 |
| * | 44-9720 | Template - Bracket | 1 |

*Not Illustrated

†For use with 30 Gallon Plastic Bag.



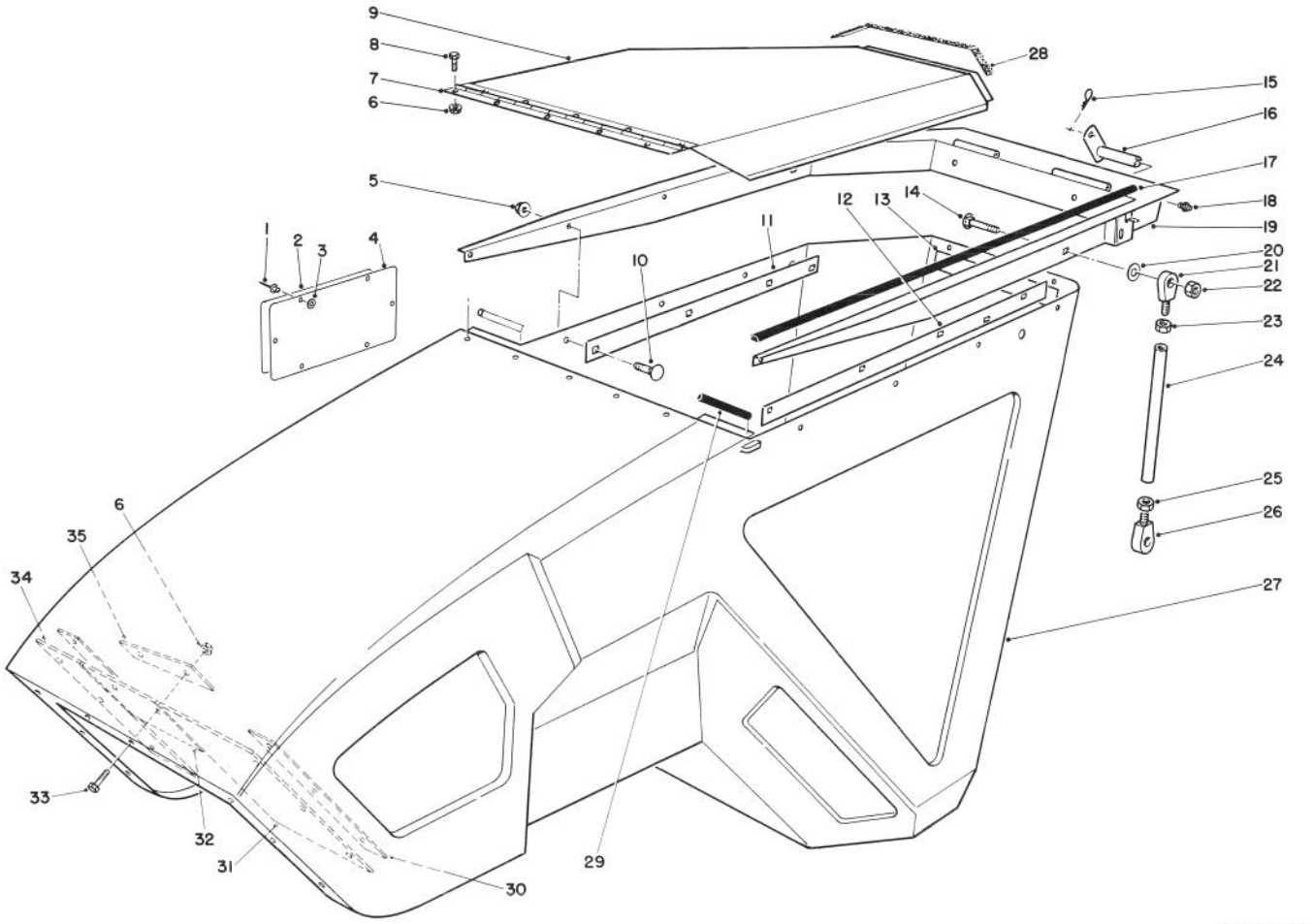

T-1159

# 15 CU. FT. HOPPER KIT MODEL 30505 (Optional)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3290-355 | Pin - Cotter, Hair | 2 |
| 2 | 77-6740 | Arm W.A. - Lift, Main (Incl. Ref. #3 & 4) | 1 |
| 3 | 256-77 | Bushing | 2 |
| 4 | 256-76 | Bushing | 14 |
| 5 | 77-6750 | Arm W.A. (Incl Ref. #4) | 1 |
| 6 | 77-6560 | Pin - Mount, Cylinder | 1 |
| 7 | 12-3270 | Screw - Hex. Washer Hd. | 6 |
| 8 | 77-5950 | Cylinder - Lift | 1 |
| 9 | 77-6000 | Frame W.A. - Main (Inc. Ref. #13, 15 & 36) | 1 |
| 10 | 77-6360 | Arm W.A. - L.H., Lower (Incl. Ref. #11) | 1 |
| 11 | 302-5 | Fitting - Grease | 8 |
| 12 | 77-6600 | Pin (Incl. Ref. #11) | 4 |
| 13 | 80-4650 | Decal | 1 |
| 14 | 325-5 | Screw - Cap Hex. Hd. | 2 |
| 15 | 62-5550 | Decal - Toro | 1 |
| 16 | 3290-384 | Pin - Disconnect | 1 |
| 17 | 322-6 | Screw - Cap Hex. Hd. | 4 |
| 18 | 325-6 | Screw - Cap Hex. Hd. | 2 |
| 19 | 77-6160 | Bracket W.A. - Rear | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 20 | 77-6561 | Pin | 1 |
| 21 | 77-6690 | Strap | 2 |
| 22 | 3296-25 | Nut - Lock | 4 |
| 23 | 77-6240 | Bracket W.A. - Side, L.H. | 1 |
| 24 | 3296-29 | Nut - Lock | 4 |
| 25 | 32152-2 | Nut | 2 |
| 26 | 77-6210 | Bracket W.A. -Side, R.H. | 1 |
| 27 | 323-6 | Screw - Cap Hex. Hd. | 4 |
| 28 | 77-6670 | Bracket - Coupler | 1 |
| 29 | 3253-5 | Washer - Lock | 2 |
| 30 | 77-6602 | Pin (Incl. Ref. #11) | 1 |
| 31 | 49-2040 | Screw - Hex. Washer Hd. | 2 |
| 32 | 32151-48 | Ring - Retaining | 2 |
| 33 | 77-6390 | Arm W.A. - Lower, R.H. (Incl. Ref. #11) | 1 |
| 34 | 77-6601 | Pin (Incl. Ref. #11) | 1 |
| 35 | 3256-26 | Washer - Flat | 2 |
| 36 | 82-5880 | Bumper | 2 |
| * | 80-4660 | Decal - Warning | 1 |

*Not Illustrated



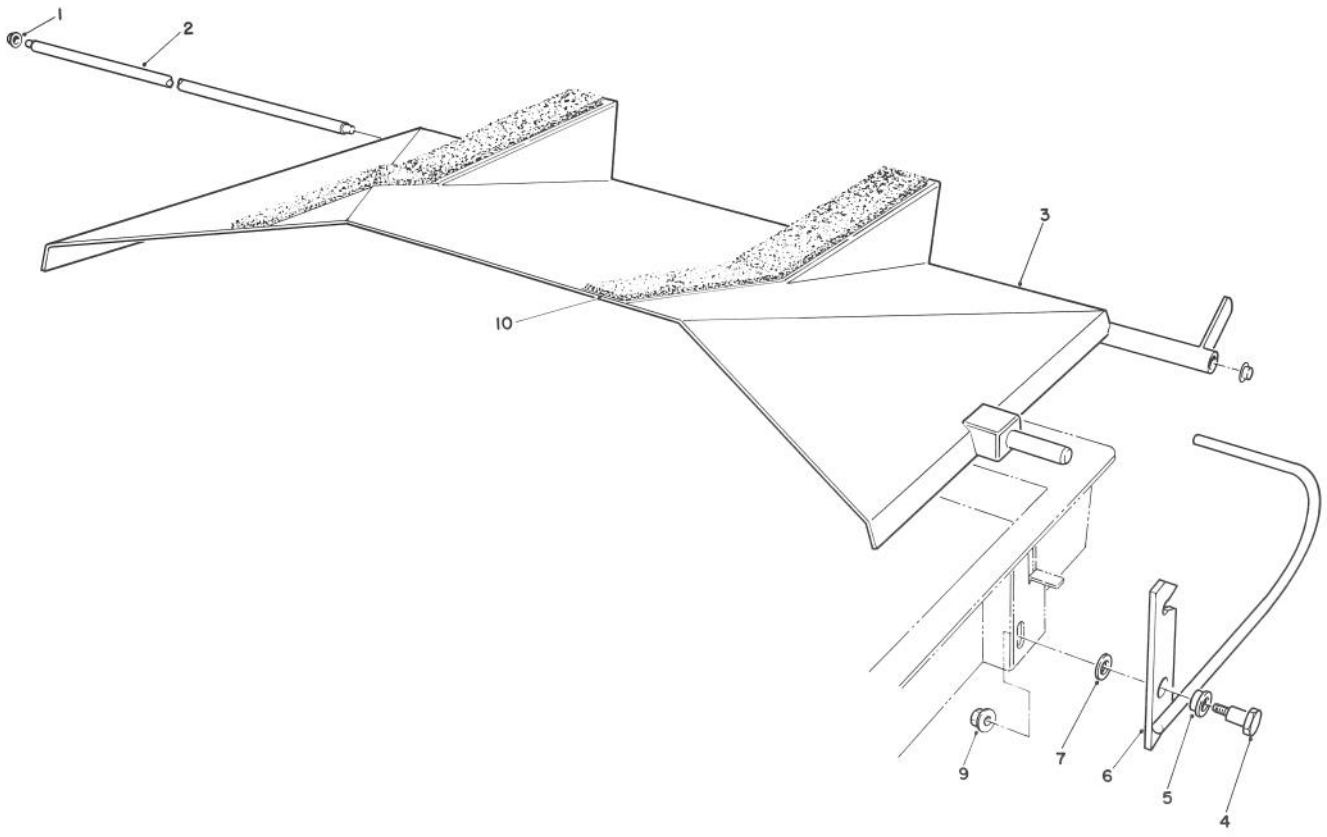

T-1160-90

# 15 CU. FT. HOPPER KIT MODEL 30505 (Optional)(Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3290-415 | Rivet - Pop | 6 |
| 2 | 80-4760 | Decal | 1 |
| 3 | 3269-10 | Washer | 6 |
| 4 | 80-4740 | Plate | 1 |
| 5 | 32128-20 | Nut - Flange | 9 |
| 6 | 32128-17 | Nut - Flange | 18 |
| 7 | 77-6770 | Hinge | 1 |
| 8 | 3290-134 | Screw - Cap Hex. Hd. | 10 |
| 9 | 77-6520 | Cover - Hopper, Front | 1 |
| 10 | 3230-2 | Bolt - Carriage | 9 |
| 11 | 77-6651 | Plate - Backup | 1 |
| 12 | 77-6650 | Plate - Backup | 1 |
| 13 | 77-6660 | Plate - Backup | 1 |
| 14 | 3233-14 | Bolt - Carriage | 2 |
| 15 | 3290-467 | Pin - Hair, Cotter | 2 |
| 16 | 77-6600 | Pin (Incl. Ref. #18) | 2 |
| 17 | 82-5861 | Seal - Left | 1 |
| * | 82-5860 | Seal - Right | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 18 | 302-5 | Fitting - Grease | 2 |
| 19 | 77-6430 | Arm W.A. | 1 |
| 20 | 3256-26 | Washer - Flat | 2 |
| 21 | 2411-48 | Rod End | 2 |
| 22 | 3296-23 | Nut - Lock | 2 |
| 23 | 3220-5 | Nut - Jam | 2 |
| 24 | 77-6490 | Rod | 2 |
| 25 | 3220-12 | Nut - Jam, L.H. Thd. | 2 |
| 26 | 2411-49 | Rod End - L.H. Thd. | 2 |
| 27 | 77-6510 | Hopper | 1 |
| 28 | 82-5850 | Seal - Cover, Rear | 1 |
| 29 | 82-5851 | Seal - Side | 2 |
| 30 | 82-5840 | Flat - Long | 2 |
| 31 | 82-5820 | Shield - Wide | 1 |
| 32 | 82-5810 | Shield - Top | 1 |
| 33 | 32105-12 | Screw - Cap Hex. Hd. | 8 |
| 34 | 82-5821 | Shield - Narrow | 1 |
| 35 | 82-5830 | Flat - Short | 1 |

*Not Illustrated

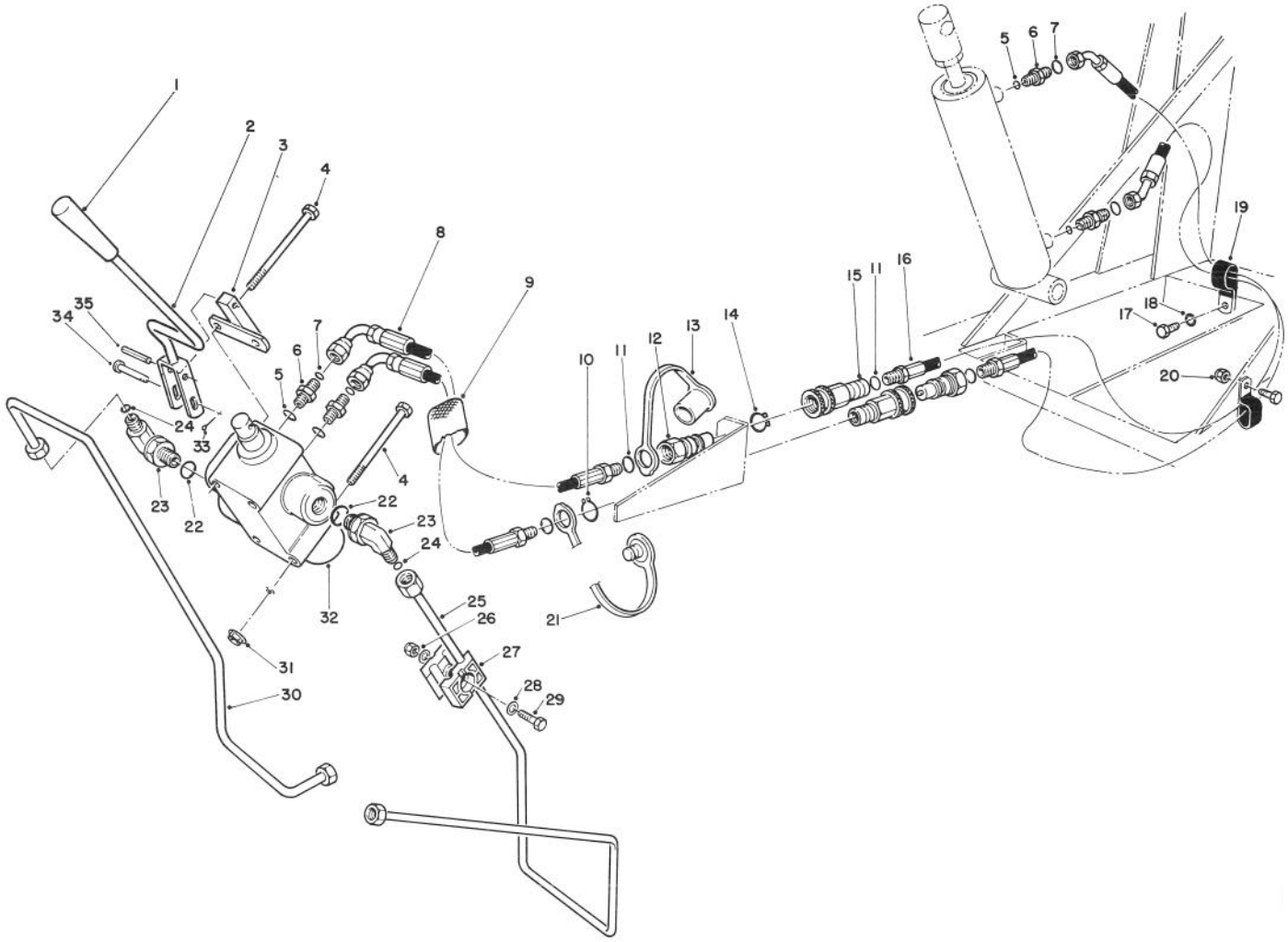



T-1169

# 15 CU. FT. HOPPER KIT MODEL 30505 (Optional)(Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 32112-1 | Retainer - Cap | 2 |
| 2 | 77-6540 | Pin - Hinge | 1 |
| 3 | 77-6530 | Cover - Rear | 1 |
| 4 | 28-0504 | Bolt - Shoulder | 1 |
| 5 | 256-284 | Bushing | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 6 | 77-6890 | Latch (Incl. Ref. #5) | 1 |
| 7 | 80-4980 | Washer - Flat | 1 |
| 9 | 32128-20 | Nut - Lock | 1 |
| 10 | 82-5870 | Foam | 2 |

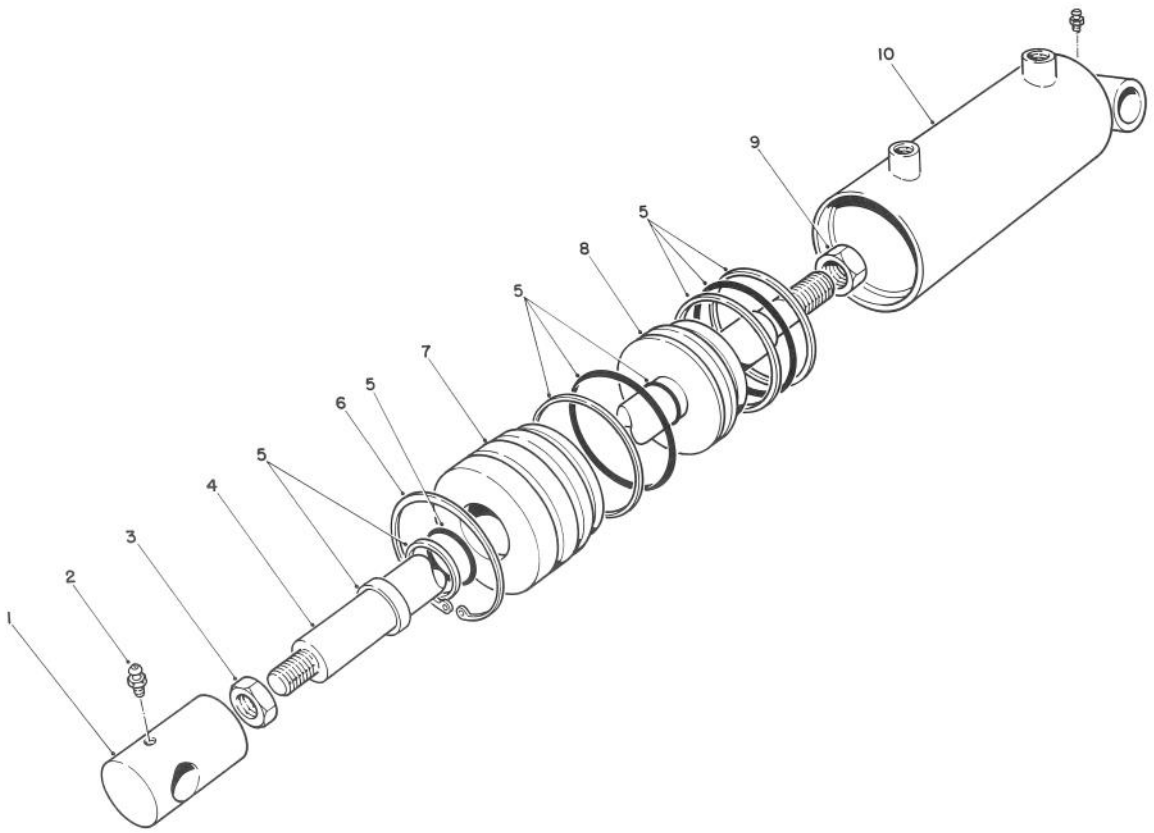


# 15 CU. FT. HOPPER KIT MODEL 30505 (Optional)(Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 233-39 | Knob - Handle | 1 |
| 2 | 80-3490 | Handle W.A. | 1 |
| 3 | 80-3360 | Lever W.A. - Pivot | 1 |
| 4 | 321-14 | Screw - Cap Hex. Hd. | 3 |
| 5 | 237-78 | O-Ring | 4 |
| 6 | 340-92 | Fitting | 4 |
| 7 | 237-21 | O-Ring | 4 |
| 8 | 77-5960 | Assembly - Hose | 2 |
| 9 | 56-7982 | Protector - Sleeve | 1 |
| 10 | 32151-83 | Ring - Retaining | 1 |
| 11 | 237-42 | O-Ring | 4 |
| 12 | 63-1240 | Nipple - Quick Disconnect | 2 |
| 13 | 353-985 | Cap - Dust | 1 |
| 14 | 32151-79 | Ring - Retaining | 1 |
| 15 | 63-1220 | Coupler - Quick Disconnect | 2 |
| 16 | 77-5970 | Assembly - Hose | 2 |
| 17 | 322-3 | Screw - Cap Hex. Hd. | 2 |
| 18 | 3253-4 | Washer - Lock | 1 |
| 19 | 2412-105 | Clamp - Tube, Double | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 20 | 3296-29 | Nut - Lock | 1 |
| 21 | 353-984 | Plug - Dust | 1 |
| 22 | 237-79 | O-Ring | 2 |
| 23 | 340-77 | Fitting | 2 |
| 24 | 237-22 | O-Ring | 2 |
| 25 | 77-5980 | Assembly - Tube | 1 |
| 26 | 3296-8 | Nut - Lock | 1 |
| 27 | 56-7973 | Clamp | 2 |
| 28 | 3256-22 | Washer - Flat | 2 |
| 29 | 321-8 | Screw - Cap Hex. Hd. | 1 |
| 30 | 77-5990 | Assembly - Tube | 1 |
| 31 | 32128-33 | Nut - Flange Hd. | 3 |
| 32 | 43-1950 | Assembly - Valve | 1 |
| 33 | 3272-4 | Pin - Cotter | 1 |
| 34 | 283-17 | Pin - Clevis | 1 |
| 35 | 32121-5 | Pin - Roll | 1 |
| *36 | 80-4640 | Decal - Valve Operation | 1 |
| 37 | 80-4900 | Kit - Auxiliary Valve (Incl. Ref. #1-15 & 21-36) | 1 |

*Not Illustrated

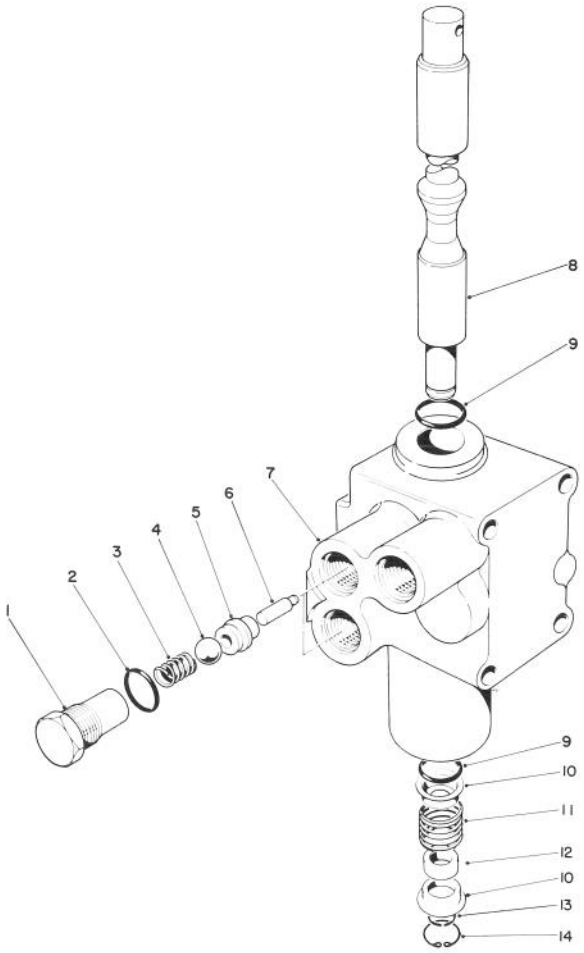



T-1161

# 15 CU. FT. HOPPER KIT MODEL 30505 (Optional)(Continued)
# CYLINDER ASSEMBLY NO. 77-5950

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 77-6980 | Clevis | 1 |
| 2 | 302-55 | Fitting - Grease | 2 |
| 3 | 77-6990 | Nut | 1 |
| 4 | 77-6960 | Shaft | 1 |
| 5 | 67-5500 | Kit - Repair | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 6 | 67-5470 | Ring - Retaining | 1 |
| 7 | 67-5460 | Head | 1 |
| 8 | 67-5450 | Piston | 1 |
| 9 | 60-9760 | Nut - Hex. | 1 |
| 10 | 77-6970 | Barrel | 1 |

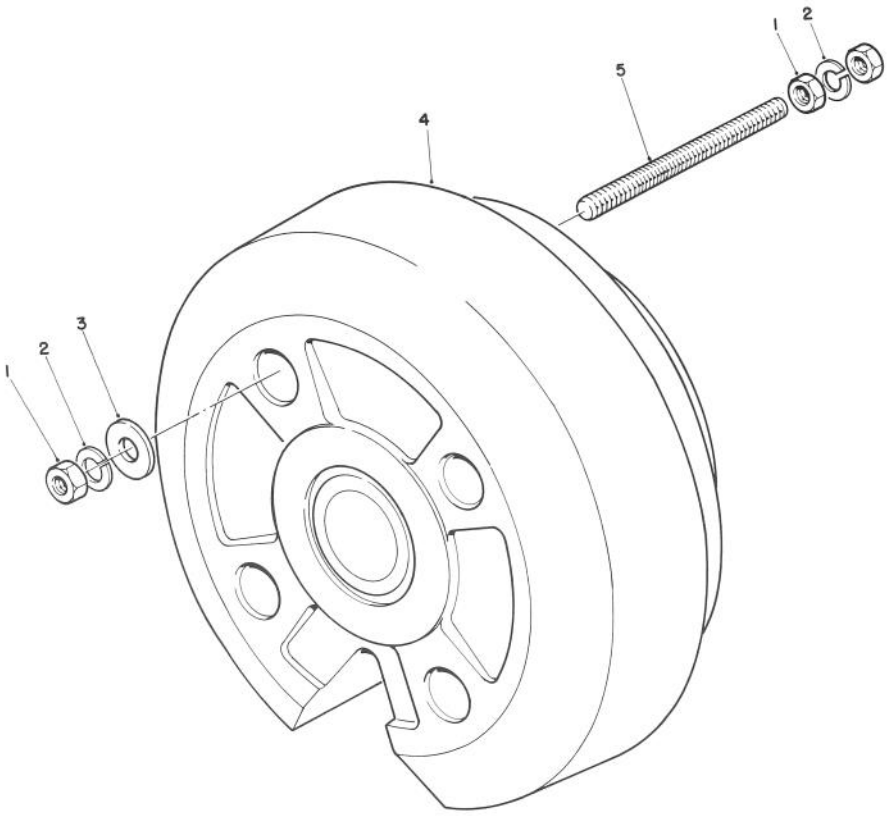



T-0236

# 15 CU. FT. HOPPER KIT MODEL 30505 (Optional)(Continued)
# CONTROL VALVE NO. 43-1950

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 22-8330 | Plug | 2 |
| 2 | 237-42 | O-Ring | 2 |
| 3 | 22-8340 | Spring | 2 |
| 4 | 22-8350 | Ball | 2 |
| 5 | 22-8370 | Seat - Check Valve | 2 |
| 6 | 22-8360 | Pin - Cam | 2 |
| 7 | 43-1730 | Body | 1 |

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

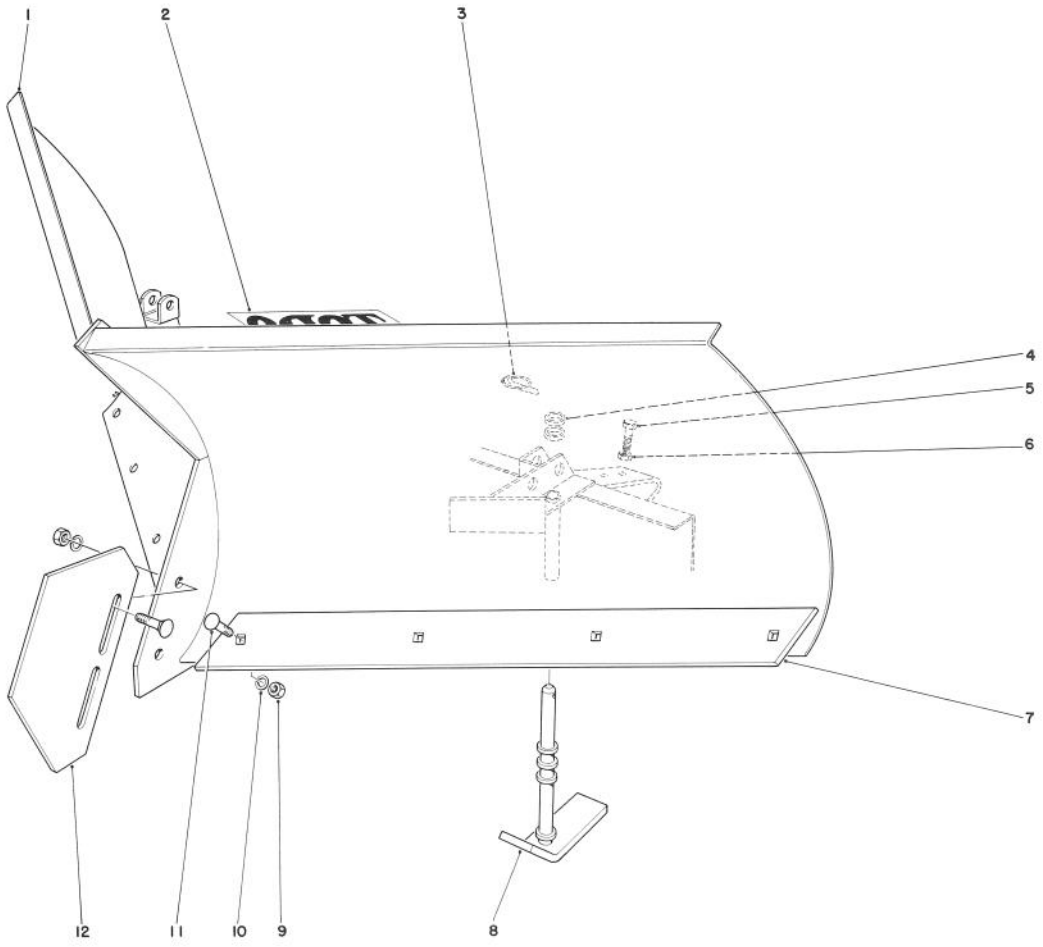



T-1163

# 15 CU. FT. HOPPER KIT MODEL 30505 (Optional)(Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | | Nut - Hex | 6 |
| 2 | | Washer - Lock | 4 |
| 3 | | Washer - Flat | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 4 | 77-6700 | Weight - Wheel 75# (Incl. Ref. #1-3 & 5) | 1 |
| 5 | | Rod - Threaded | 2 |

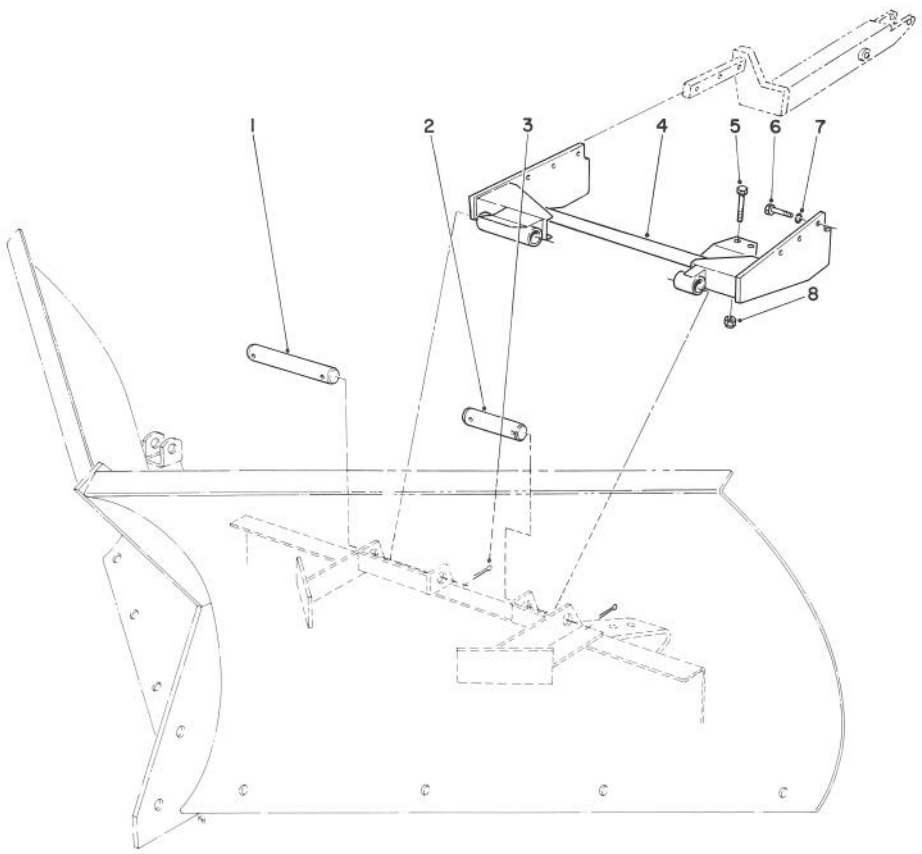



T-0452

# V-PLOW KIT MODEL NO. 30750 (Optional)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 23-9960 | V-Plow | 1 |
| 2 | 66-6140 | Decal | 1 |
| 3 | 3290-243 | Pin - Lynch | 2 |
| 4 | 20-4370 | Spacer - Tubes | 10 |
| 5 | 325-6 | Screw - Cap Hex. Hd. | 1 |
| 6 | 3218-5 | Nut - Jam | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 7 | 24-5570 | Blade - Scraper | 2 |
| 8 | 24-5540 | Skid | 2 |
| 9 | 3217-9 | Nut - Hex. | 10 |
| 10 | 3253-7 | Washer - Lock | 10 |
| 11 | 3233-2 | Bolt - Carriage | 10 |
| 12 | 24-5530 | Skid - Nose | 1 |



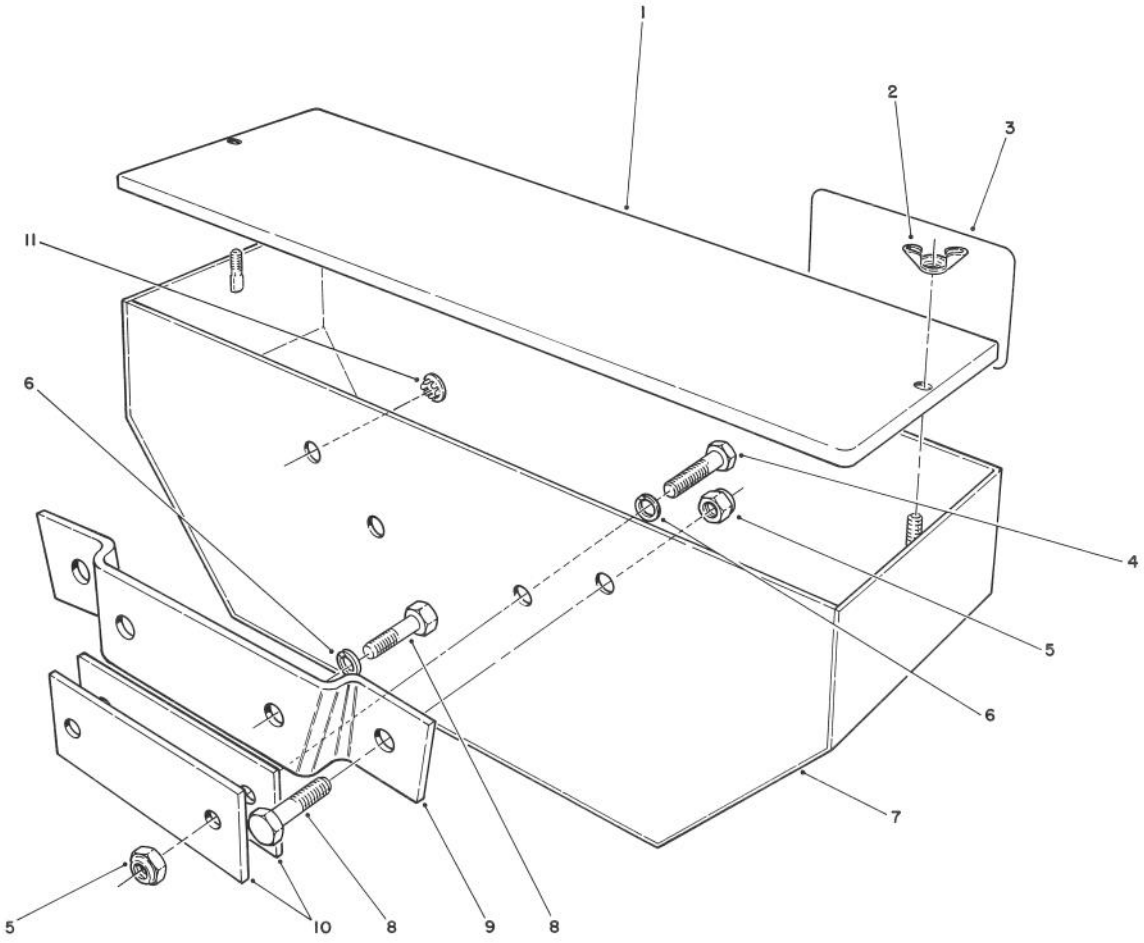

T-0902

# V-PLOW INSTALLATION KIT MODEL NO. 30749 (Optional)*

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 28-5490 | Pin - R.H. | 1 |
| 2 | 25-1350 | Pin - L.H. | 1 |
| 3 | 3272-23 | Pin - Cotter | 4 |
| 4 | 72-4440 | Assembly - Arm, Push | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 5 | 322-10 | Screw - Cap Hex. Hd. | 2 |
| 6 | 325-6 | Screw - Cap Hex. Hd. | 6 |
| 7 | 3253-7 | Washer - Lock | 6 |
| 8 | 3296-29 | Nut - Lock | 2 |

*Note: Installation requires Lift Arm Assemblies 76-3080 and 76-3090.

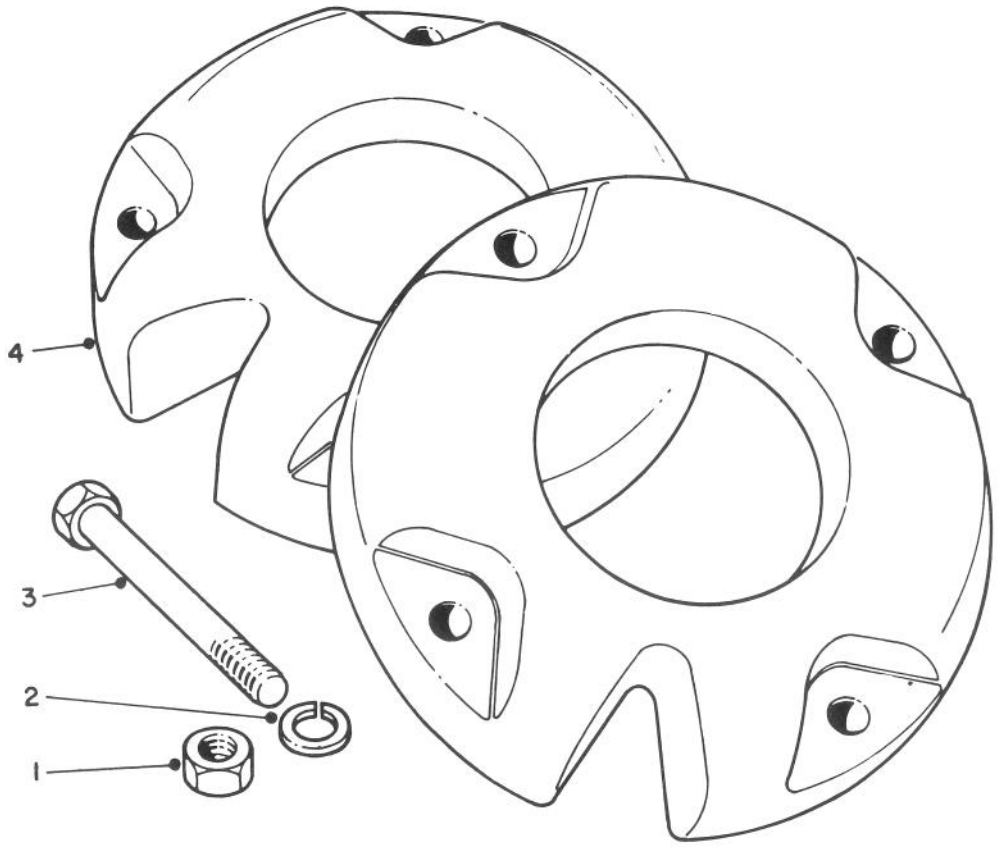



T-0404

# WEIGHT BOX KIT NO. 62-6590 (Optional)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 61-4130 | Cover - Weight Box | 1 |
| 2 | 32103-2 | Nut - Wing | 2 |
| 3 | 43-5110 | Decal | 1 |
| 4 | 325-7 | Screw - Cap Hex. Hd. (GM-220, 220D, 224, 322D & 345) | 2 |
| 5 | 3296-25 | Nut - Lock (GM-220, 220D & 224) | 4 |
| 5 | 3296-25 | Nut - Lock (GM-117, 217D, 322D & 345) | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 6 | 3253-7 | Washer - Lock (GM-117, 217D & 327) | 2 |
| 7 | 61-4090 | Box - Weight | 1 |
| 8 | 325-5 | Screw - Cap Hex. Hd. (GM-117, 217D, 220, 220D & 224) | 4 |
| 9 | 61-4140 | Bracket (GM-117, 217D, 220, 220D & 224) | 1 |
| 10 | 62-6710 | Plate (GM-322D, 327 & 345) | 2 |
| 11 | 2410-67 | Plug | 2 |




T-0457

# WHEEL WEIGHTS MODEL NO. 11–0440 (Optional)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 3218–5 | Nut | 8 |
| 2 | 3253–7 | Washer – Lock | 8 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 3 | 325–14 | Screw – Cap Hex. Hd. | 8 |
| 4 | 7–2111 | Weight – Wheel | 2 |

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## PRODUCT CHANGES

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

## IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Groundsmaster 220D has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Groundsmaster 220D, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:
1. Model and serial number of the Groundsmaster 220D.
2. Part number, description, and the quantity of part(s) desired.

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

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