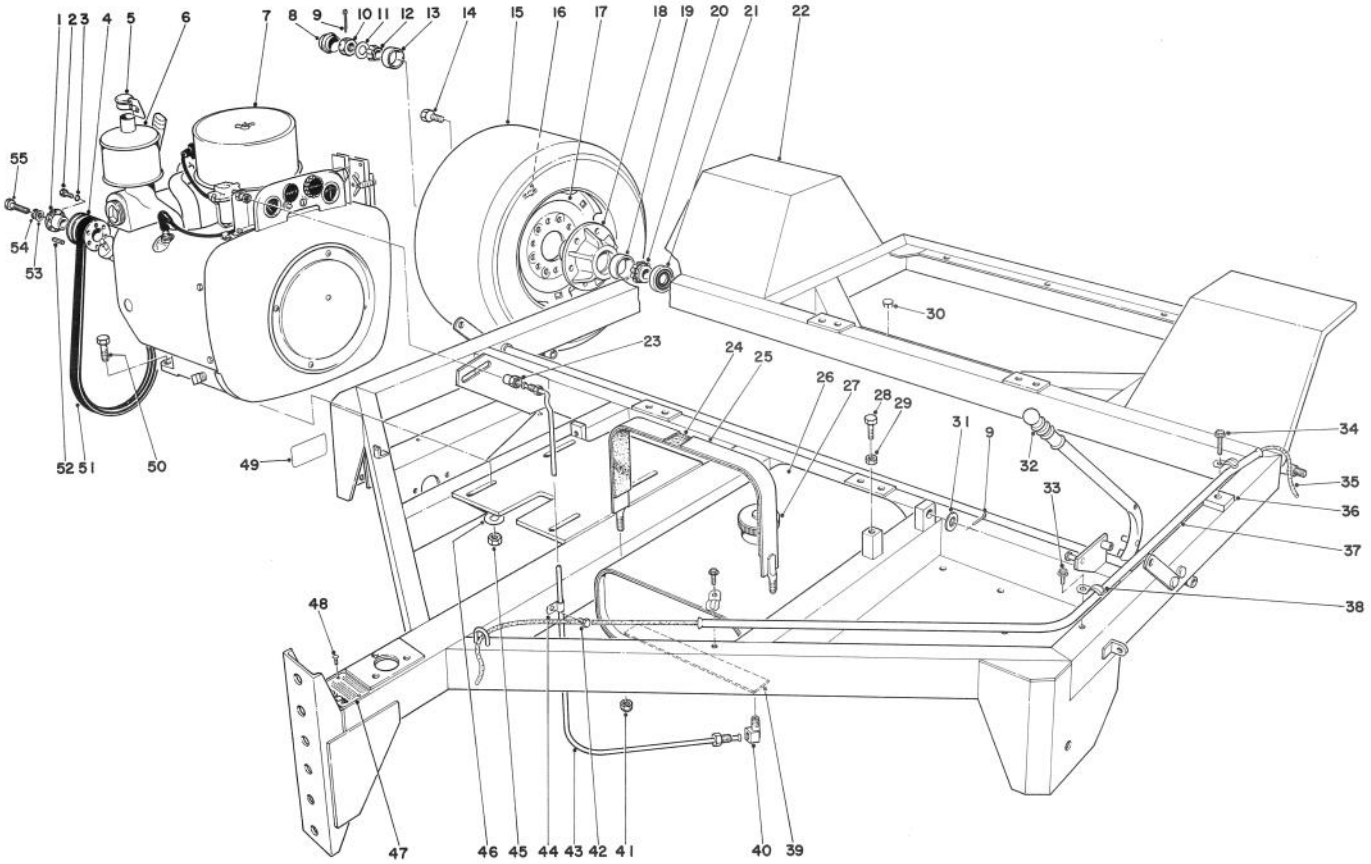
FORM NO. 3312-957 Rev A

TORO®

MODEL NO. 07073 — 70001 THRU 80001 & UP (Engine)
MODEL NO. 07174 — 70001 THRU 80001 & UP (P.T.O.)

**PARTS CATALOG**

# 66" RAKE-O-VAC® SWEEPER



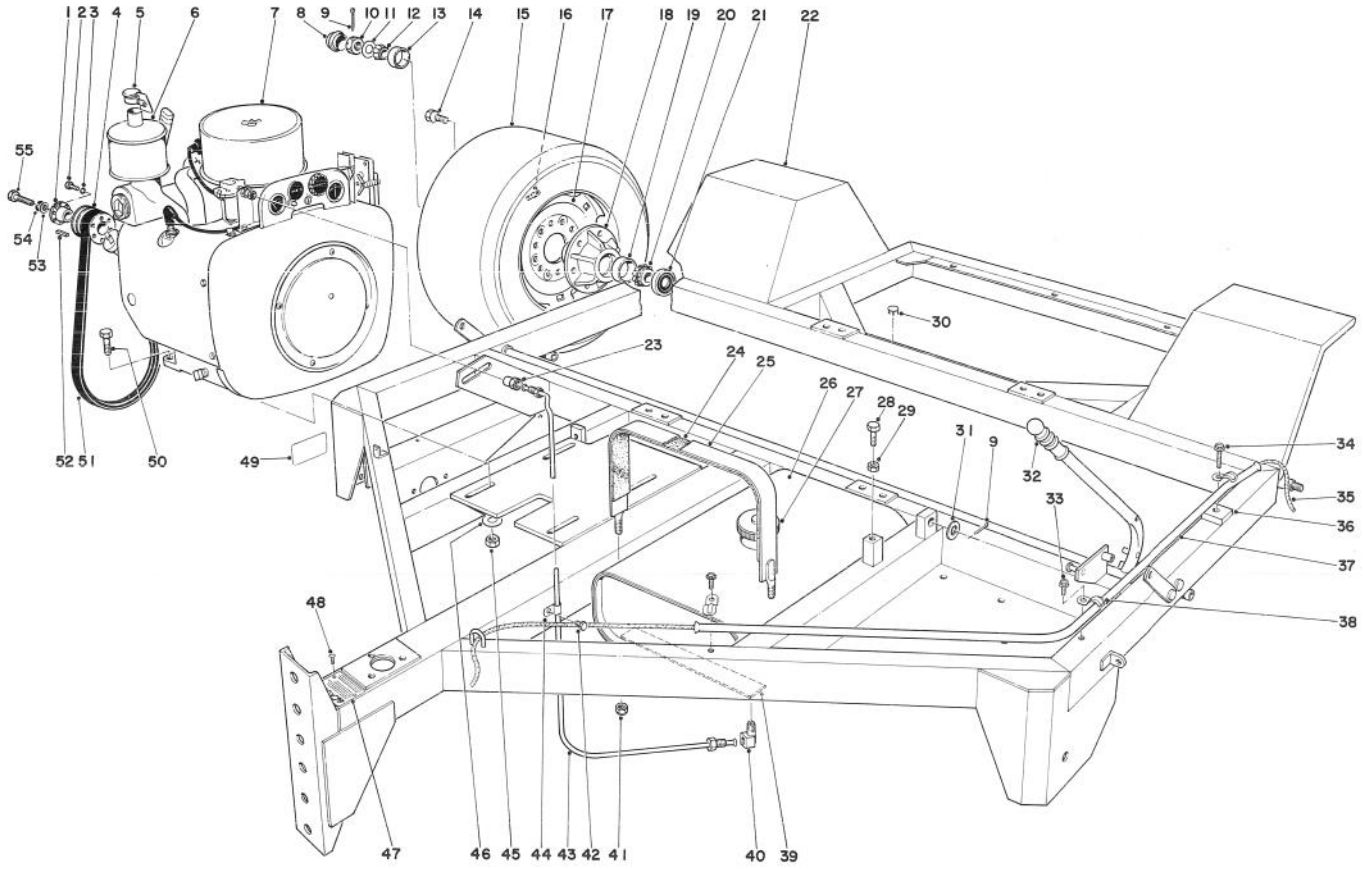

## ENGINE AND FRAME ASSEMBLY (Model 07073)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 13-3330 | Bushing (Incl. Ref. #2 & 3) | 1 |
| 2 | 321-10 | Capscrew | 3 |
| 3 | 3253-3 | Lockwasher | 3 |
| 4 | 13-3320 | Pulley | 1 |
| 5 | 13-6710 | Muffler Weather Cap | 1 |
| 6 | 13-6720 | Muffler | 1 |
| 7 | 49-4160 | Engine | 1 |
| 8 | 242-55 | Hub Cap | 2 |
| 9 | 3272-17 | Cotter Pin | 3 |
| 10 | 32136-1 | Slotted Nut | 2 |
| 11 | 3256-29 | Flat Washer | 2 |
| 12 | 254-62 | Bearing Cone | 2 |
| 13 | 254-61 | Bearing Cup | 2 |
| 14 | 217-103 | Wheel Bolt | 12 |
| 15 | 231-118 | Tire | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 16 | 232-27 | Stem-Valve | 2 |
| 17 | 62-3220 | Wheel Assembly | 2 |
| 18 | 242-54 | Hub (Incl. Ref. No's. 13 & 19) | 2 |
| 19 | 254-66 | Bearing Cup | 2 |
| 20 | 254-65 | Bearing Cone | 2 |
| 21 | 253-127 | Seal | 2 |
| 22 | 13-5000 | Main Frame | 1 |
| 23 | 353-406 | Straight Fitting | 1 |
| 24 | 13-3970 | Felt Strip | 2 |
| 25 | 13-3960 | Strap Asm. (Incl. Ref. 24) | 2 |
| 26 | 13-3930 | Gas Tank | 1 |
| 27 | 222-8 | Gas Cap | 1 |
| 28 | 323-8 | Capscrew | 1 |
| 29 | 3218-3 | Jam Nut | 1 |
| 30 | 2410-13 | Plug Button | 2 |

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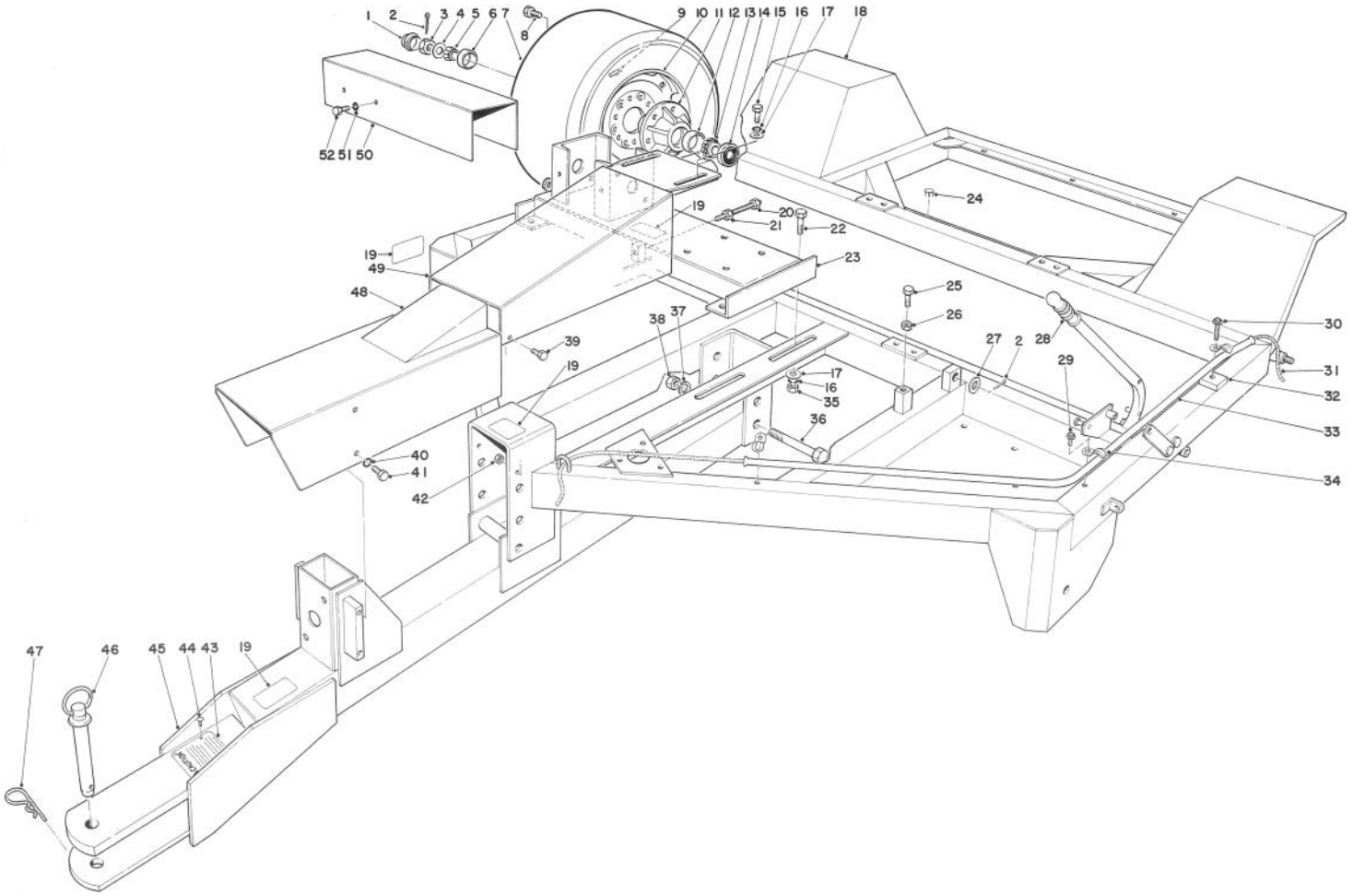
PRICE $1.00




# ENGINE AND FRAME ASSEMBLY (Model 07073) (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 31 | 3256-28 | Flat Washer | 1 |
| 32 | 235-15 | Handle Grip | 1 |
| 33 | 32104-95 | Screw, Self Tapping | 2 |
| 34 | 32104-96 | Screw, Self Tapping | 1 |
| 35 | 20-9580 | Rope | 1 |
| 36 | 13-6910 | Rope Guide Spacer | 1 |
| 37 | 13-6890 | Rope Guide | 1 |
| 38 | 2412-40 | Conduit Clamp | 3 |
| 39 | 13-3970 | Felt Strip | 2 |
| 40 | 353-407 | Tube Fitting | 1 |
| 41 | 3296-29 | Lock Nut | 4 |
| 42 | 32104-109 | Screw | 1 |
| 43 | 13-5010 | Gas Line | 1 |

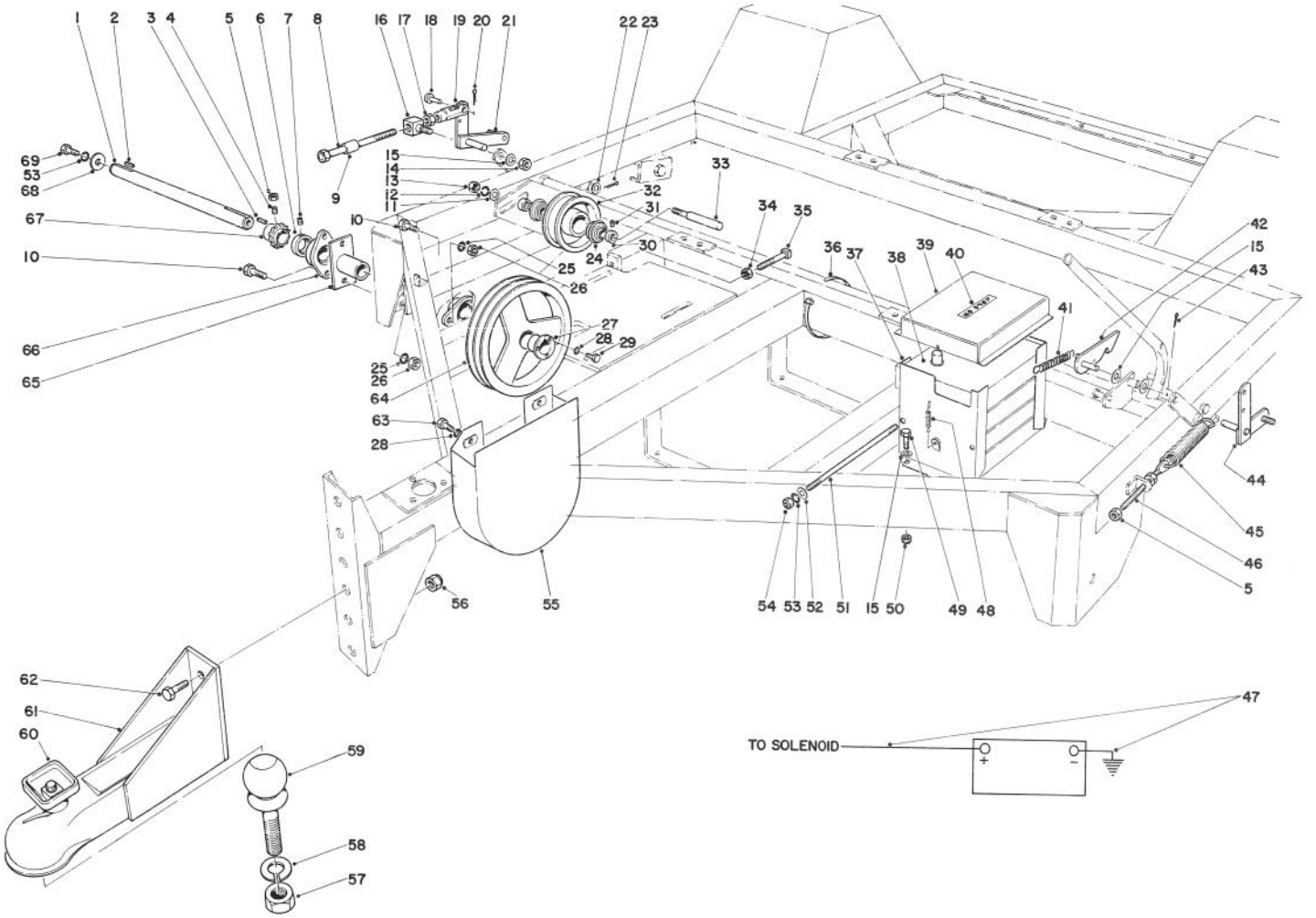
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 44 | 2412-32 | Clip | 1 |
| 45 | 3296-23 | Lock Nut | 4 |
| 46 | 3256-26 | Flat Washer | 4 |
| 47 | 13-7460 | Caution Plate | 1 |
| 48 | 3290-55 | Pop Rivet | 4 |
| 49 | 13-6470 | Decal | 1 |
| 50 | 325-7 | Capscrew | 4 |
| 51 | 13-2650 | V-Belt | 1 |
| 52 | 3-9155 | Square Key | 1 |
| 53 | 4-1920 | Washer | 1 |
| 54 | 3253-21 | Lockwasher | 1 |
| 55 | 323-10 | Capscrew | 1 |




# FRAME ASSEMBLY (Model 07174)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 242-55 | Hub Cap | 2 |
| 2 | 3272-17 | Cotter Pin | 3 |
| 3 | 32136-1 | Slotted Nut | 2 |
| 4 | 3256-29 | Flat Washer | 2 |
| 5 | 254-62 | Bearing Cone | 2 |
| 6 | 254-61 | Bearing Cup | 2 |
| 7 | 231-118 | Tire | 2 |
| 8 | 217-103 | Wheel Bolts | 12 |
| 9 | 232-27 | Stem-Valve | 2 |
| 10 | 62-3220 | Wheel Assembly | 2 |
| 11 | 242-54 | Wheel Hub (Incl. Ref. No. 6 & 12) | 2 |
| 12 | 254-66 | Bearing Cup | 2 |
| 13 | 254-65 | Bearing Cone | 2 |
| 14 | 253-127 | Seal | 2 |
| 15 | 325-3 | Capscrew | 2 |
| 16 | 3253-7 | Lockwasher | 6 |
| 17 | 3256-26 | Flat Washer | 6 |
| 18 | 13-6120 | Frame | 1 |
| 19 | 13-6470 | Caution Decal | 4 |
| 20 | 13-6240 | Adjustment Rod | 1 |
| 21 | 3218-6 | Jam Nut | 1 |
| 22 | 325-5 | Capscrew | 4 |
| 23 | 13-6000 | Gear Box Base | 1 |
| 24 | 2410-13 | Plug Button | 2 |
| 25 | 323-8 | Capscrew | 1 |
| 26 | 3218-3 | Jam Nut | 1 |

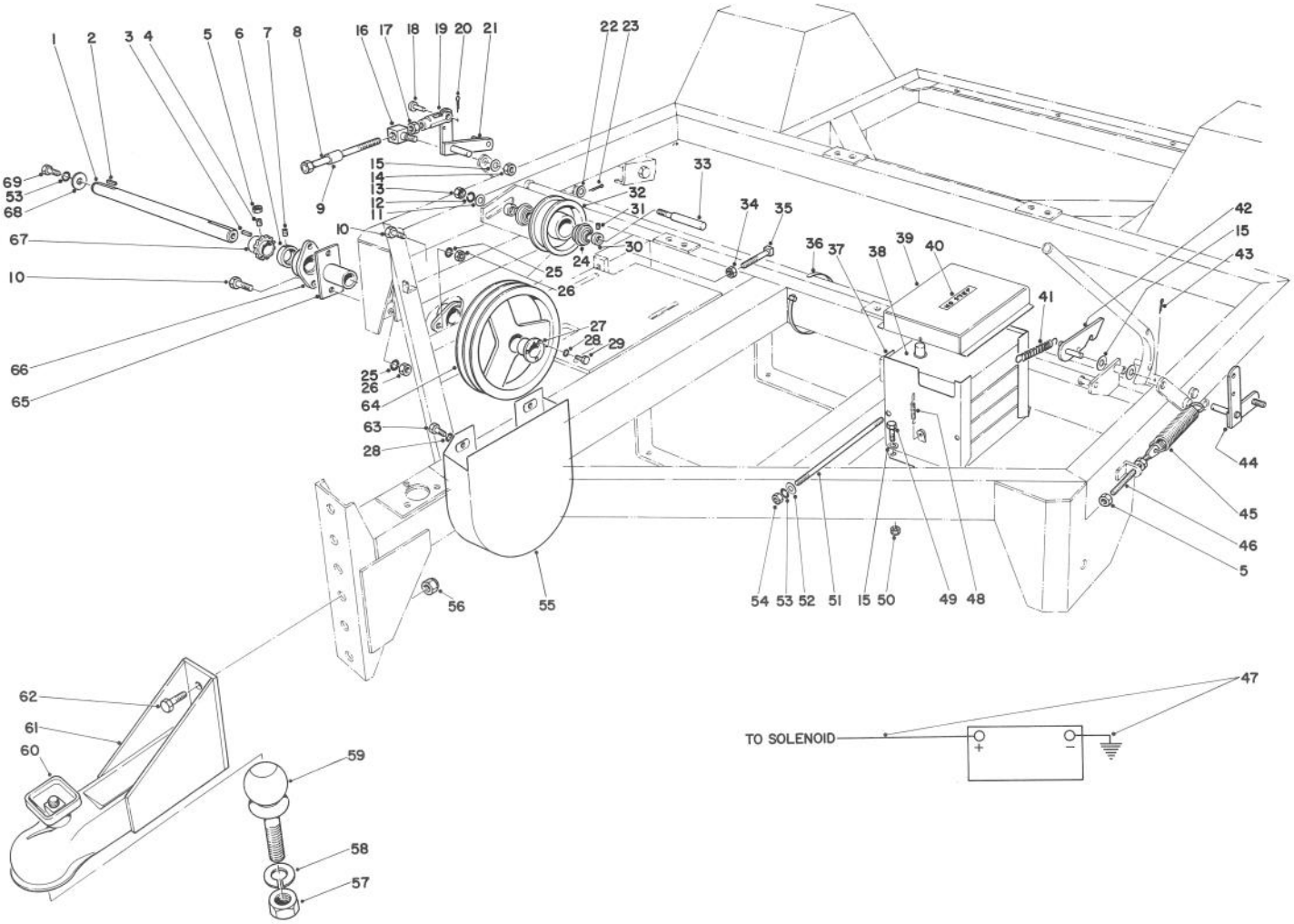
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 27 | 3256-28 | Flat Washer | 1 |
| 28 | 235-15 | Handle Grip | 1 |
| 29 | 32104-95 | Screw, Self-Tapping | 2 |
| 30 | 32104-96 | Screw, Self-Tapping | 1 |
| 31 | 20-9580 | Rope | 1 |
| 32 | 13-6910 | Rope Guide Spacer | 1 |
| 33 | 13-6890 | Rope Guide | 1 |
| 34 | 2412-40 | Conduit Clamp | 3 |
| 35 | 3217-9 | Nut | 4 |
| 36 | 328-23 | Bolt | 2 |
| 37 | 3253-9 | Lockwasher | 2 |
| 38 | 3217-12 | Nut | 2 |
| 39 | 323-5 | Capscrew | 2 |
| 40 | 3253-21 | Lockwasher | 4 |
| 41 | 323-2 | Capscrew | 4 |
| 42 | 32146-2 | Locknut | 2 |
| 43 | 13-7460 | Caution Plate | 1 |
| 44 | 3259-15 | Drive Screw | 4 |
| 45 | 13-4310 | Tongue | 1 |
| 46 | 13-6200 | Hitch Pin (Incl. Ref. 47) | 1 |
| 47 | 3290-343 | Hair Pin Cotter | 1 |
| 48 | 13-5870 | Front Shield | 1 |
| 49 | 13-5880 | Drop Shaft Shield | 1 |
| 50 | 13-5790 | Shaft Shield | 1 |
| 51 | 3256-24 | Washer | 4 |
| 52 | 323-9 | Capscrew | 4 |




# JACKSHAFT AND LIFTING MECHANISM (Model 07073)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 13-3740 | Jack Shaft | 1 |
| 2 | 13-2840 | Square Key | 1 |
| 3 | 13-6330 | Square Key | 1 |
| 4 | 3247-3 | Set Screw | 2 |
| 5 | 3218-3 | Jam Nut | 6 |
| 6 | | Locking Collar | 2 |
| 7 | | Set Screw | 2 |
| 8 | 13-6260 | Adjustment Screw | 2 |
| 9 | 13-5520 | Spacer | 2 |
| 10 | 324-7 | Capscrew | 4 |
| 11 | 3256-26 | Flat Washer | 1 |
| 12 | 3253-7 | Lockwasher | 1 |
| 13 | 3217-9 | Nut | 1 |
| 14 | 32153-2 | Lock Nut | 2 |
| 15 | 3256-24 | Flat Washer | 7 |
| 16 | 13-0100 | Pivot Block | 2 |
| 17 | 3219-3 | Nut | 2 |
| 18 | 283-2 | Clevis Pin | 2 |
| 19 | 282-22 | Clevis | 2 |
| 20 | 3272-6 | Cotter Pin | 2 |
| 21 | 13-5490 | Lifting Bell Crank R.H. | 1 |
| 22 | 3256-28 | Flat Washer | 2 |
| 23 | 3272-22 | Cotter Pin | 2 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 24 | 56-6210 | Bearing (Incl. Ref. #30 & 31) | 2 |
| 25 | 3253-6 | Lockwasher | 4 |
| 26 | 3217-8 | Lock Nut | 4 |
| 27 | 13-2680 | Bushing (Incl. Ref. #28 & 29) | 1 |
| 28 | 3253-4 | Lockwasher | 5 |
| 29 | 322-10 | Capscrew | 3 |
| 30 | | Locking Collar | 2 |
| 31 | | Set Screw | 2 |
| 32 | 13-0600 | Idler Pulley (Incl. Ref. #24) | 1 |
| 33 | 13-0510 | Idler Pin | 1 |
| 34 | 3218-5 | Nut | 1 |
| 35 | 3244-21 | Set Screw | 1 |
| 36 | 3290-336 | Locking Strap | 2 |
| 37 | 3-5967 | Battery Support | 2 |
| 38 | 55-7290 | Battery | 1 |
| 39 | 3-3175 | Battery Cover | 1 |
| 40 | 3-5582 | Decal | 1 |
| 41 | 13-0480 | Spring | 1 |
| 42 | 13-3990 | Trip Handle | 1 |
| 43 | 3272-10 | Cotter Pin | 1 |
| 44 | 13-5500 | Lifting Bell Crank L.H. | 1 |
| 45 | 13-0050 | Spring | 2 |

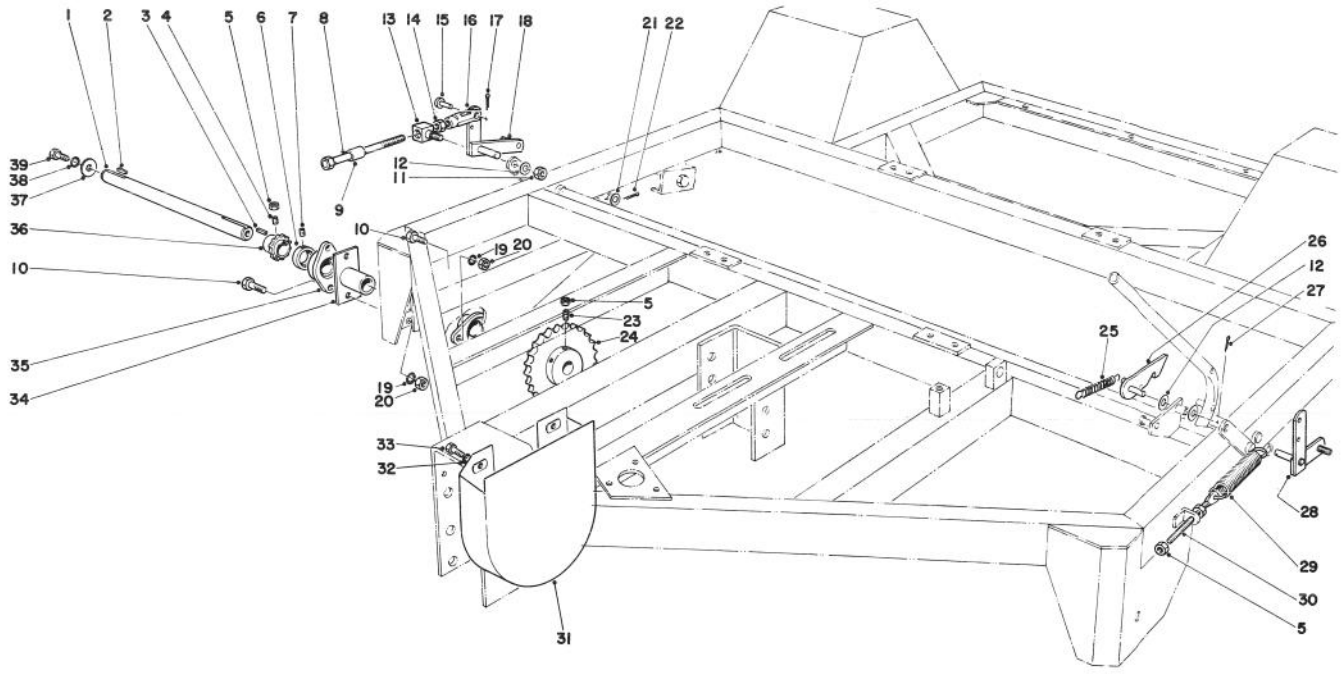



# JACKSHAFT AND LIFTING MECHANISM (Model 07073) (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 46 | 13-5530 | Spring Adjustment Rod | 2 |
| 47 | 13-6790 | Battery Cable | 2 |
| 48 | 3-8135 | Spring | 2 |
| 49 | 323-5 | Capscrew | 4 |
| 50 | 3296-39 | Lock Nut | 4 |
| 51 | 5-0678 | Battery Clamp Rod | 2 |
| 52 | 3256-22 | Flat Washer | 4 |
| 53 | 3253-3 | Lockwasher | 5 |
| 54 | 3217-5 | Nut | 4 |
| 55 | 13-4490 | Sheave Guard | 1 |
| 56 | 3296-53 | Lock Nut | 2 |
| 57 | 3217-12 | Nut | 1 |
| 58 | 3253-9 | Lockwasher | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 59 | 49-4260 | Ball | 1 |
| 60† | 13-3080 | Ball Coupler Kit | 1 |
| 61 | 13-0060 | Hitch Yoke (Incl. Ref. #57) | 1 |
| 62 | 327-6 | Capscrew | 2 |
| 63 | 322-7 | Capscrew | 2 |
| 64 | 13-2670 | Sheave | 1 |
| 65 | 63-5210 | Drive Side Spindle | 1 |
| 66 | 56-6230 | Bearing (Incl. Ref. #6 & 7) | 2 |
| 67 | 13-4340 | Sprocket | 1 |
| 68 | 13-3710 | Washer | 1 |
| 69 | 321-4 | Capscrew | 1 |

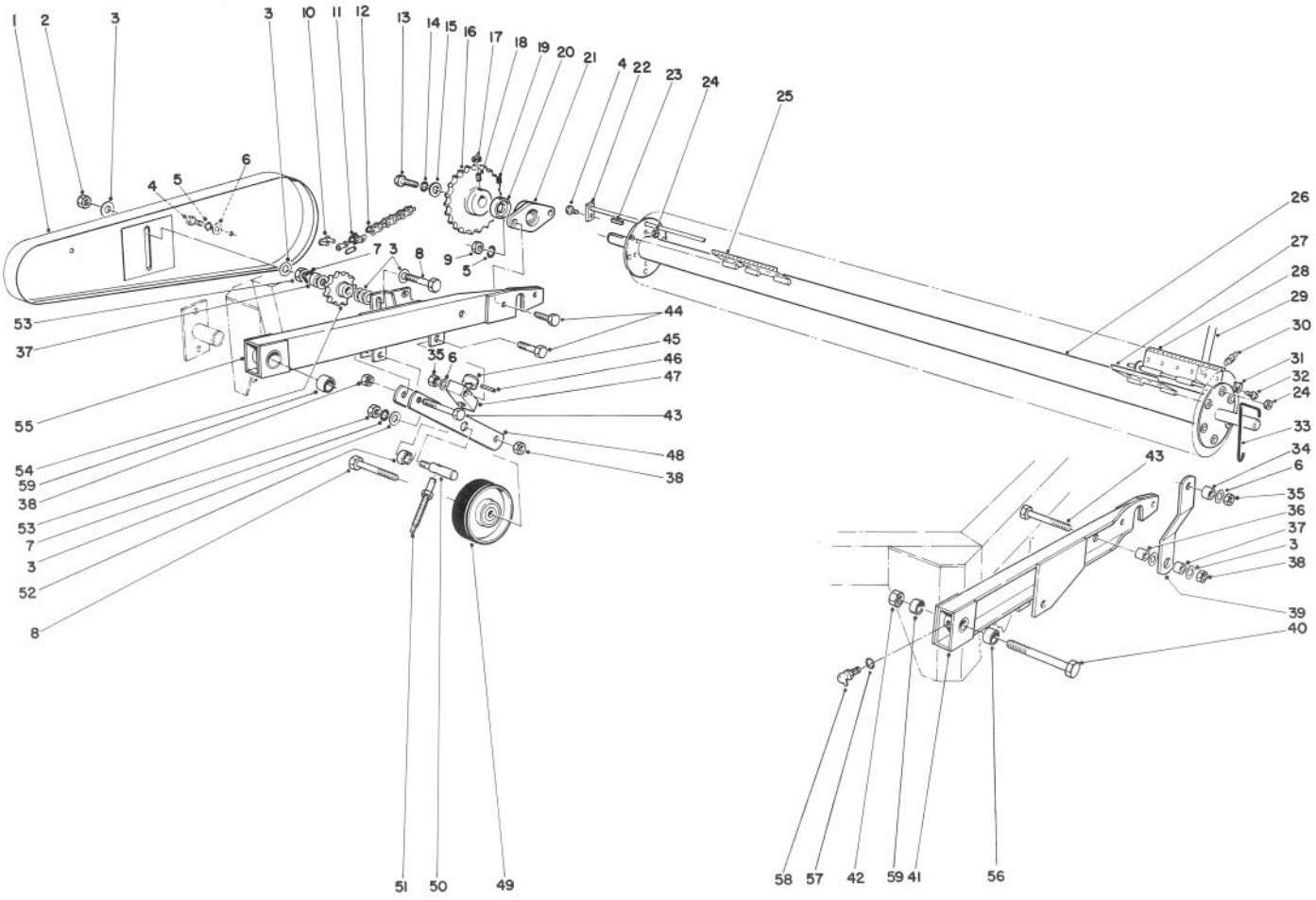
†Service Replacement Part




# JACKSHAFT AND LIFTING MECHANISM (Model 07174)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 13-3740 | Jackshaft | 1 |
| 2 | 13-2840 | Square Key | 1 |
| 3 | 5-1718 | Square Key | 1 |
| 4 | 3247-3 | Set Screw | 2 |
| 5 | 3218-3 | Jam Nut | 8 |
| 6 | | Lock Collar | 2 |
| 7 | | Set Screw | 2 |
| 8 | 13-6260 | Adjustment Bolt | 2 |
| 9 | 13-5520 | Spacer | 2 |
| 10 | 324-7 | Capscrew | 4 |
| 11 | 32153-2 | Nut | 2 |
| 12 | 3256-24 | Flat Washer | 4 |
| 13 | 13-0100 | Pivot Block | 2 |
| 14 | 3219-3 | Nut | 2 |
| 15 | 283-2 | Clevis Pin | 2 |
| 16 | 282-22 | Clevis | 2 |
| 17 | 3272-6 | Cotter Pin | 2 |
| 18 | 13-5490 | Lifting Bell Crank R.H. | 1 |
| 19 | 3253-6 | Lockwasher | 4 |
| 20 | 3217-8 | Nut | 4 |

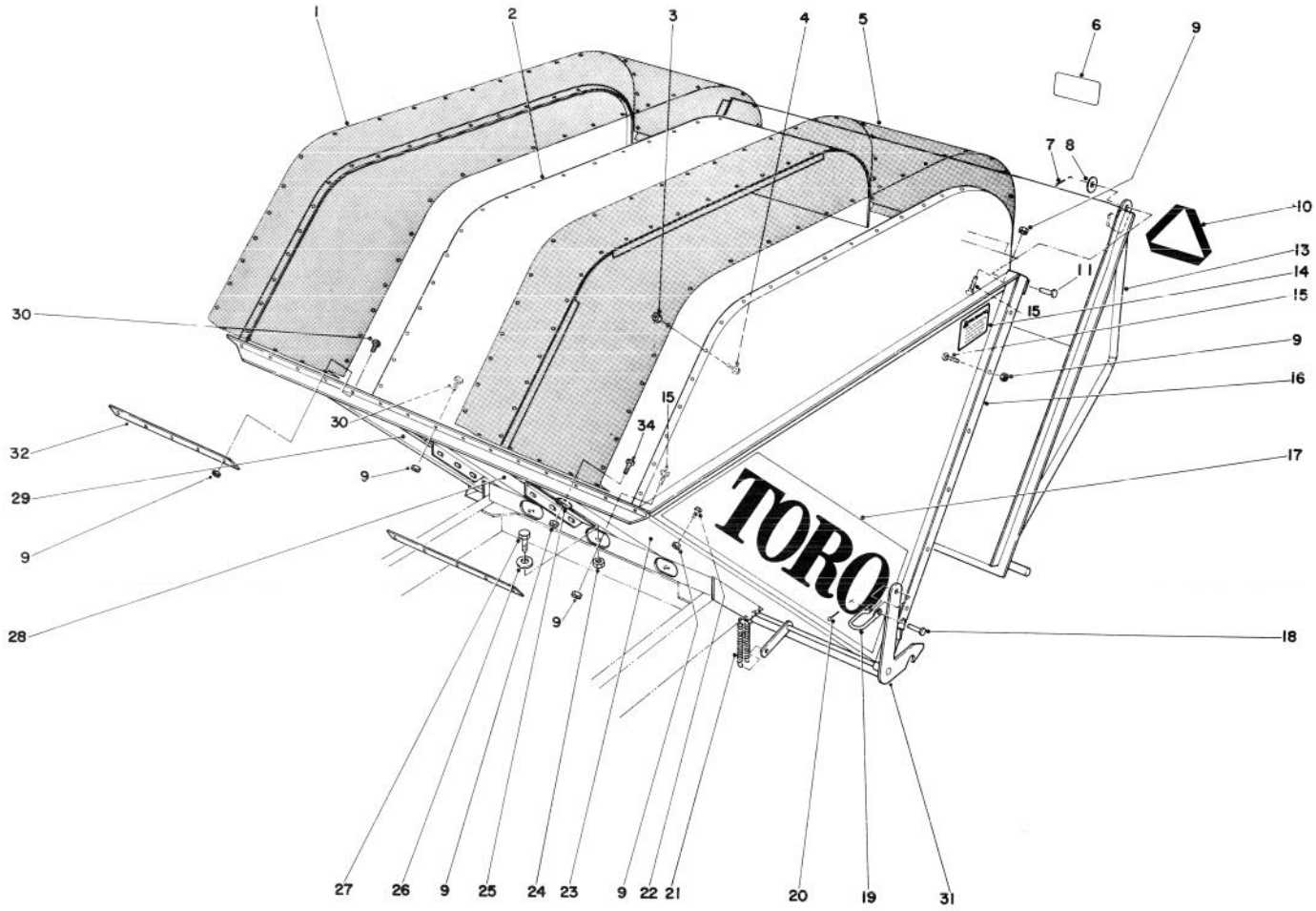
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 21 | 3256-28 | Flat Washer | 2 |
| 22 | 3272-22 | Cotter Pin | 2 |
| 23 | 3247-6 | Set Screw | 2 |
| 24 | 13-4880 | Sprocket | 1 |
| 25 | 13-0480 | Spring | 1 |
| 26 | 13-3990 | Trip Handle | 1 |
| 27 | 3272-10 | Cotter Pin | 1 |
| 28 | 13-5500 | Lifting Bell Crank L.H. | 1 |
| 29 | 13-0050 | Spring | 2 |
| 30 | 13-5530 | Spring Adjusting Rod | 2 |
| 31 | 13-4490 | Sheave Guard | 1 |
| 32 | 3253-4 | Lockwasher | 2 |
| 33 | 322-7 | Capscrew | 2 |
| 34 | 63-5210 | Driveside Spindle | 1 |
| 35 | 56-6230 | Bearing (Incl. Ref. No's. 6 & 7) | 2 |
| 36 | 13-4340 | Sprocket | 1 |
| 37 | 13-3710 | Special Washer | 1 |
| 38 | 3253-3 | Lockwasher | 1 |
| 39 | 321-4 | Capscrew | 1 |



# GAUGE WHEEL AND TRAILING ARM (Models 07073 & 07174)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 13-5620 | Guard — Chain | 1 |
| 2 | 3296-45 | Nut | 1 |
| 3 | 3256-26 | Washer — Flat | 10 |
| 4 | 323-4 | Screw — Cap Hex. Hd. | 7 |
| 5 | 3253-21 | Washer — Lock | 5 |
| 6 | 3256-24 | Washer — Flat | 5 |
| 7 | 3253-7 | Washer — Lock | 3 |
| 8 | 325-14 | Screw — Cap Hex. Hd. | 3 |
| 9 | 3217-7 | Nut | 4 |
| 10 | 2710-11 | Link — Connecting | 1 |
| 11 | 2710-15 | Link — Offset | 1 |
| 12 | 13-4070 | Chain | 1 |
| 13 | 321-4 | Screw — Cap Hex. Hd. | 1 |
| 14 | 3253-3 | Washer — Lock | 1 |
| 15 | 13-3710 | Washer — Special | 1 |
| 16 | 13-4890 | Sprocket | 1 |
| 17 | 3218-3 | Nut — Jam | 2 |
| 18 | 3247-6 | Screw — Set | 2 |
| 19 | | Screw — Set | 2 |
| 20 | | Collar — Locking | 2 |
| 21 | 56-6230 | Bearing (Incl. Ref. #19 & 20) | 2 |
| 22 | 13-4960 | Shaft — Finger Plate | 6 |
| 23 | 13-2840 | Key — Square | 1 |
| 24 | 32152-2 | Nut — Lock | 12 |
| 25 | 13-4930 | Plate — Finger | 3 |
| 26 | 13-5250 | Rake Reel | 1 |
| 27 | 13-2450 | Plate — Finger | 60 |
| 28 | 13-4940 | Plate — Finger | 3 |
| 29 | 13-2470 | Finger — Nylon | 276 |
| 30 | 13-3090 | Spring | 66 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 31 | 13-2480 | Clamp — Finger | 276 |
| 32 | 32140-94 | Screw — Cap Hex. Hd. | 276 |
| 33 | 13-5700 | Hook — Transport | 2 |
| 34 | 13-0560 | Spacer | 2 |
| 35 | 32153-2 | Nut | 4 |
| 36 | 13-0360 | Spacer | 2 |
| 37 | 13-3070 | Spacer | 3 |
| 38 | 32153-5 | Nut | 6 |
| 39 | 13-5540 | Link — Lift | 2 |
| 40 | 328-10 | Bolt | 1 |
| 41 | 63-5300 | Trailing Arm–L.H. (Incl. Ref. #59) | 1 |
| 42 | 32153-6 | Nut | 1 |
| 43 | 325-9 | Screw — Cap Hex. Hd. | 4 |
| 44 | 323-9 | Screw — Cap Hex. Hd. | 6 |
| 45 | 13-0320 | Collar — Lock | 2 |
| 46 | 32121-45 | Pin — Roll | 2 |
| 47 | 13-0330 | Block — Pivot | 2 |
| 48 | 13-5550 | Arm — Guage Wheel | 2 |
| 49 | 13-2870 | Wheel — Guage | 2 |
| 50 | 13-5570 | Stud — Pivot | 2 |
| 51 | 13-5590 | Rod — Adjustment | 2 |
| 52 | 13-5670 | Spacer — Locking | 2 |
| 53 | 3217-9 | Nut | 3 |
| 54 | 13-3020 | Sprocket | 1 |
| 55 | 63-5200 | Trailing Arm–R.H.(Incl.Ref.#59) | 1 |
| 56 | 63-5250 | Spacer | 1 |
| 57 | 3254-8 | Washer — Lock Int. Tooth | 2 |
| 58 | 302-40 | Fitting Grease | 2 |
| 59 | 256-298 | Bushing | 2 |

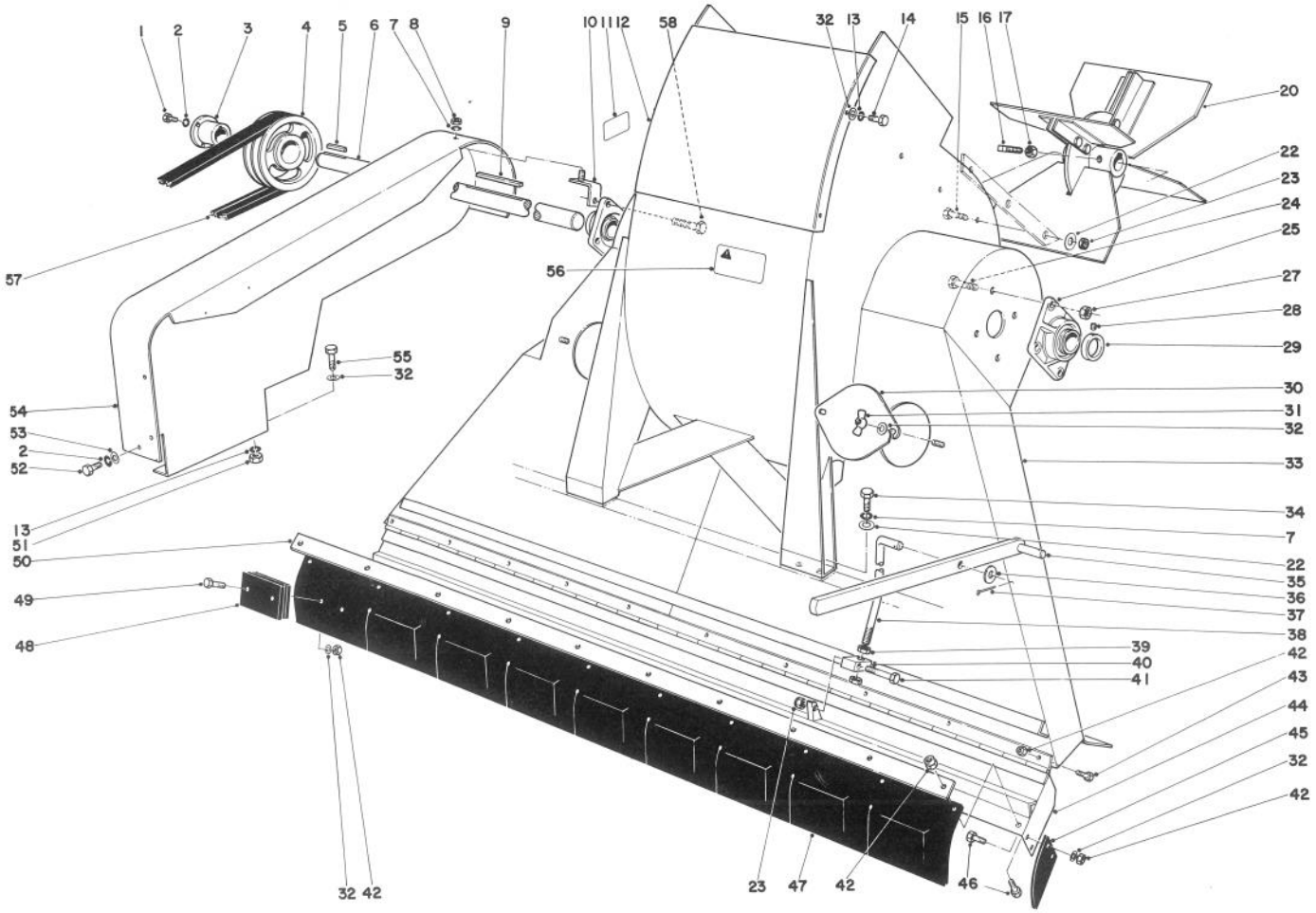



# CAGE AND REAR TAILGATE (Models 07073 & 07174)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 13-7380 | Top Screen R.H. | 1 |
| 2 | 13-7140 | Top Panel | 1 |
| 3 | 32128-17 | Locknut | 100 |
| 4 | 3290-144 | Hex. Flange Hd. Machine Screw | 100 |
| 5 | 13-7390 | Top Screen L.H. | 1 |
| 6 | 13-6760 | Caution Decal | 1 |
| 7 | 3272-12 | Cotter Pin | 3 |
| 8 | 3256-27 | Flat Washer | A/R |
| 9 | 32128-32 | Locknut | 103 |
| 10 | 13-2930 | Decal — Slow Moving Vehicle | 1 |
| 11 | 283-39 | Clevis Pin | 3 |
| 13 | 13-7180 | Gate | 1 |
| 14 | 13-7430 | Warning Decal | 1 |
| 15 | 3229-7 | Carriage Bolt | 50 |
| 16 | 13-7400 | Bracket Hinge | 3 |
| 17 | 13-6870 | Decal L.H. | 1 |
| * | 13-6880 | Decal R.H. | 1 |
| 18 | 283-10 | Clevis Pin | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 19 | 5-2942 | Long Shackle | 1 |
| 20 | 3272-10 | Cotter Pin | 1 |
| 21 | 12-8810 | Spring | 2 |
| 22 | 32122-42 | Machine Screw | 36 |
| 23 | 13-7360 | Bottom Panel L.H. | 1 |
| 24 | 3296-23 | Locknut | 3 |
| 25 | 13-3710 | Flat Washer | 2 |
| 26 | 3256-26 | Flat Washer | 3 |
| 27 | 325-6 | Capscrew | 3 |
| 28 | 13-7370 | Bottom Panel (Middle) | 1 |
| 29 | 13-7350 | Bottom Panel (R.H.) | 1 |
| 30 | 3250-32 | Capscrew | 15 |
| 31 | 13-4050 | Catch — Tailgate | 1 |
| 32 | 42-9930 | Strap Hopper | 2 |
| 34 | 3258-165 | Machine Screw Rd. Hd. Phillips | 2 |
| * | 13-6800 | Cage Assembly (Incl. Ref. #1-33) | 1 |

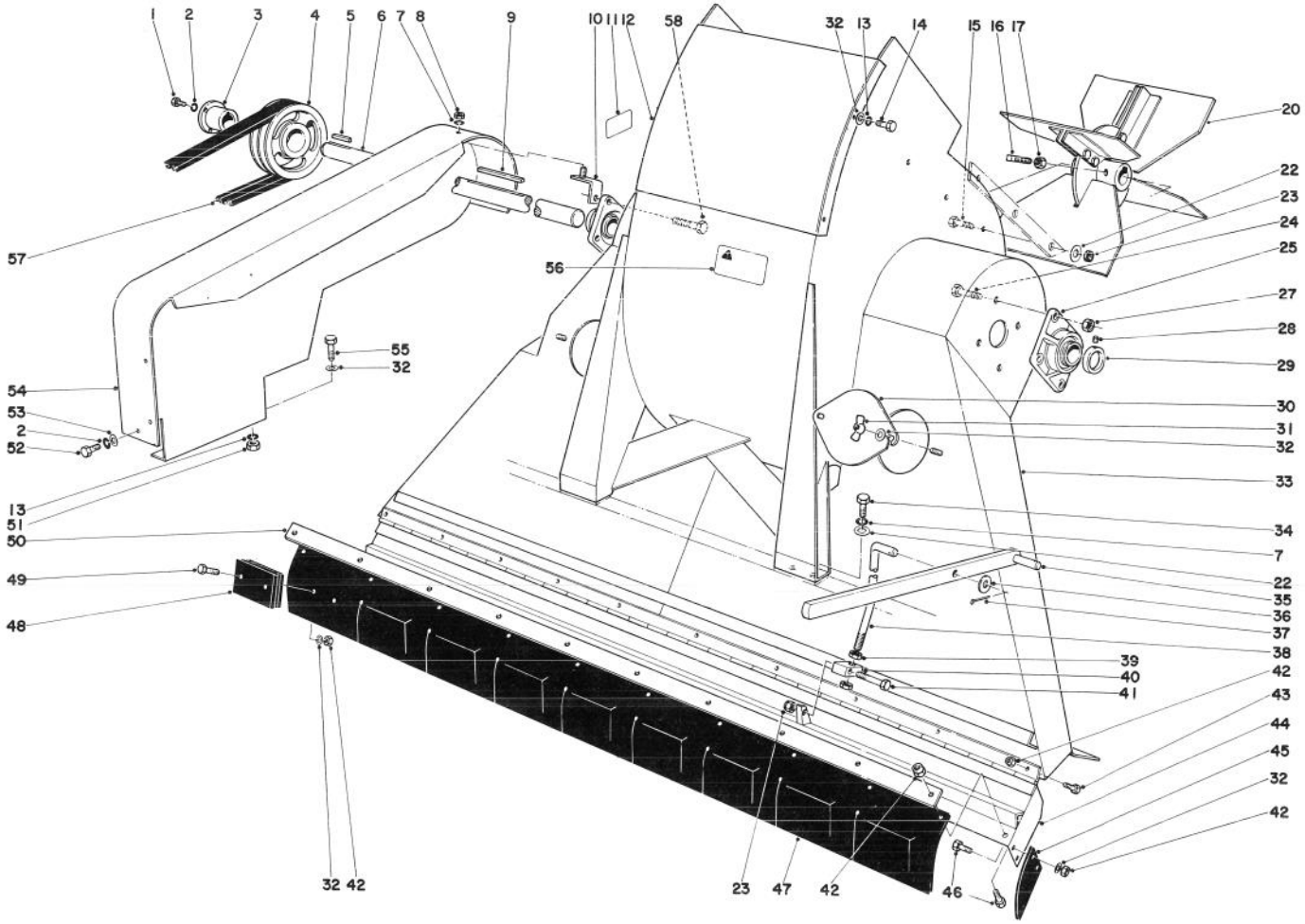
*Not Illustrated




# BLOWER AND THROAT ASSEMBLY (Model 07073)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 322-10 | Capscrew | 3 |
| 2 | 3253-4 | Lockwasher | 4 |
| 3 | 13-2970 | Bushing (Incl. Ref. #1 & 2) | 1 |
| 4 | 13-2800 | Pulley | 1 |
| 5 | 13-2240 | Square Key | 1 |
| 6 | 13-3790 | Fan Shaft | 1 |
| 7 | 3253-21 | Lockwasher | 9 |
| 8 | 3217-7 | Nut | 1 |
| 9 | 13-2810 | Square Key | 1 |
| 10 | 13-3350 | Shield Support | 1 |
| 11 | 13-6470 | Decal | 1 |
| 12 | 13-3850 | Blower Access Plate | 1 |
| 13 | 3253-3 | Lockwasher | 6 |
| 14 | 321-4 | Capscrew | 4 |
| 15 | 323-7 | Capscrew | 6 |
| 16 | 3244-14 | Set Screw, Sq. Hd. | 4 |
| 17 | 3218-5 | Jam Nut | 4 |
| 20 | 13-3420 | Fan Assembly | 1 |
| 22 | 3256-24 | Flat Washer | 14 |
| 23 | 3296-39 | Locknut | 7 |
| 24 | 325-6 | Capscrew | 7 |

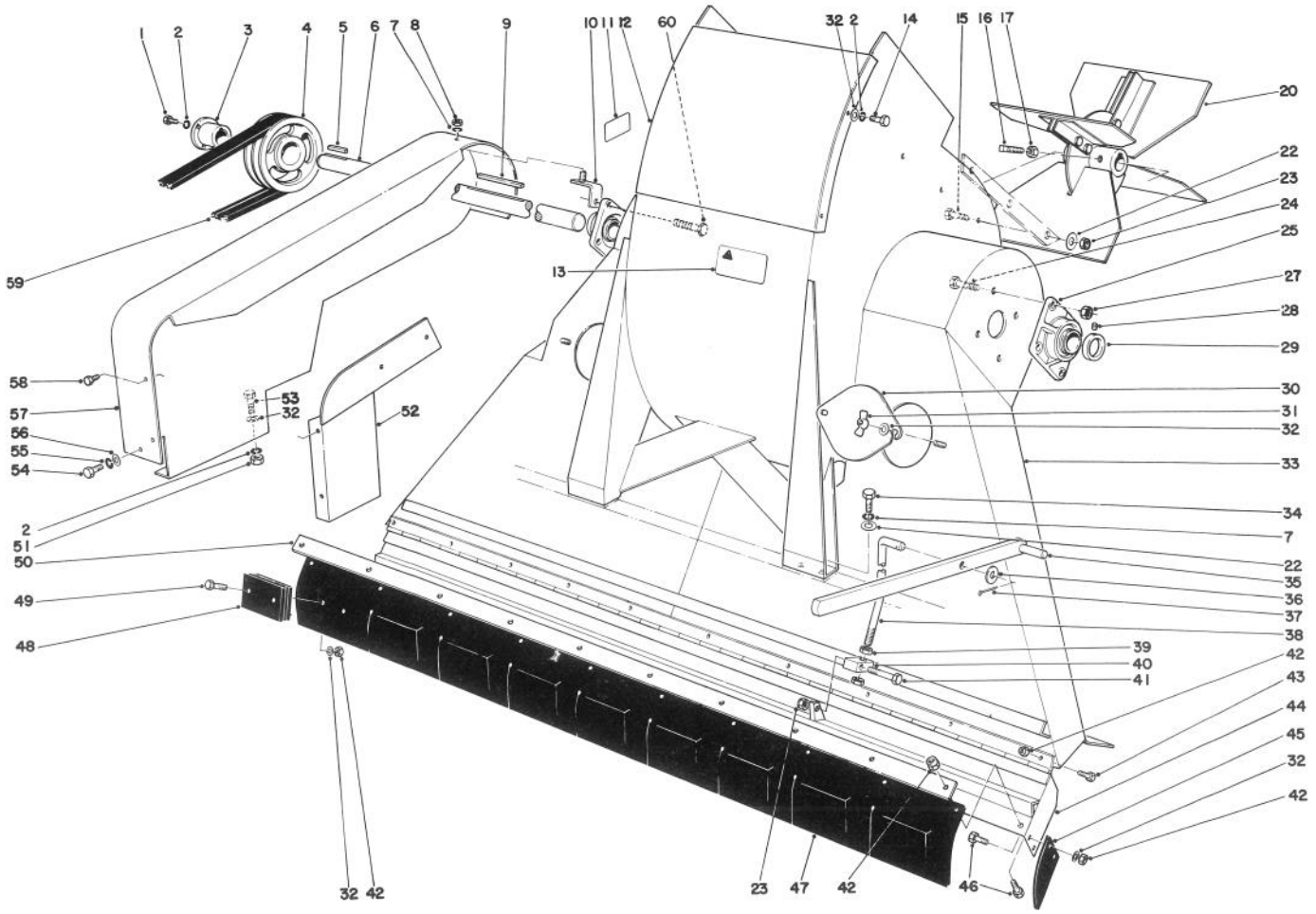
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 25 | 56-6220 | Bearing (Incl. Ref. #28 & 29) | 2 |
| 27 | 32153-5 | Locknut | 8 |
| 28 | | Set Screw | 2 |
| 29 | | Locking Collar | 2 |
| 30 | 13-1420 | Inspection Cover | 2 |
| 31 | 32103-12 | Wing Nut | 4 |
| 32 | 3256-22 | Flat Washer | 32 |
| 33 | 13-6280 | Blower (Incl. Ref. #12-14 & 30-32) | 1 |
| 34 | 323-6 | Capscrew | 8 |
| 35 | 13-6390 | Flap Handle | 1 |
| 36 | 3256-27 | Flat Washer | 1 |
| 37 | 3272-12 | Cotter Pin | 1 |
| 38 | 13-6360 | Lift Rod | 1 |
| 39 | 3218-6 | Jam Nut | 2 |
| 40 | 13-0330 | Pivot Block | 1 |
| 41 | 323-8 | Capscrew | 1 |
| 42 | 3296-42 | Locknut | 42 |
| 43 | 321-3 | Capscrew | 10 |
| 44 | 13-4760 | Lower Flap | 1 |




# BLOWER AND THROAT ASSEMBLY (Model 07073) (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 45 | 13-3130 | End Flap | 2 |
| 46 | 321-5 | Capscrew | 14 |
| 47 | 13-4700 | Flap (Incl. Ref. #32, 42, 48 & 49) | 1 |
| 48 | 13-4560 | Flap Weight | 18 |
| 49 | 321-8 | Capscrew | 18 |
| 50 | 13-1390 | Flap Retainer | 1 |
| 51 | 3217-5 | Nut | 2 |

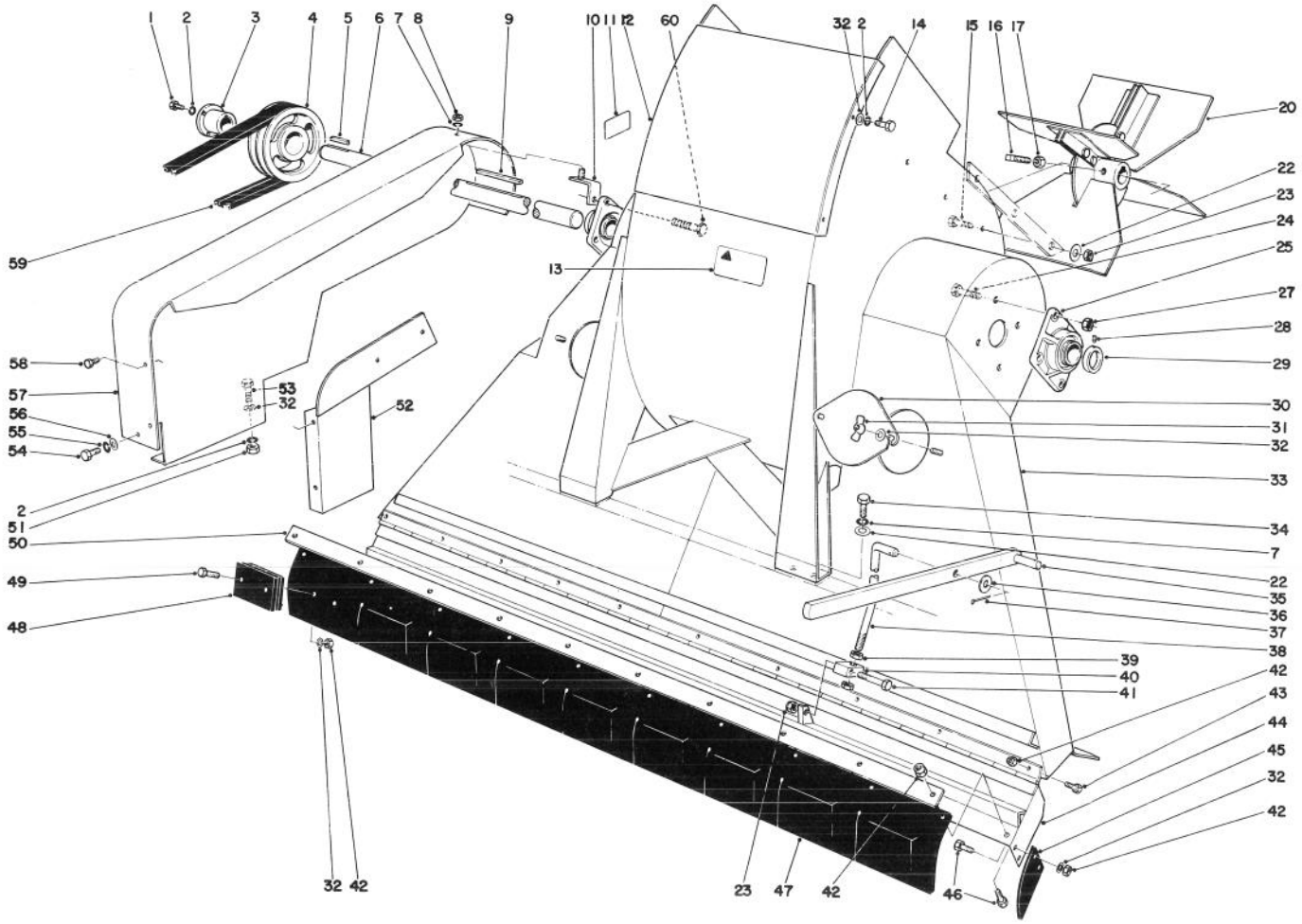
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 52 | 322-1 | Capscrew | 1 |
| 53 | 3256-23 | Flat Washer | 1 |
| 54 | 13-4800 | Belt Guard | 1 |
| 55 | 321-4 | Capscrew | 2 |
| 56 | 13-6410 | Decal | 1 |
| 57 | 13-2640 | Belt | 1 |
| 58 | 325-7 | Capscrew | 1 |




# BLOWER AND THROAT ASSEMBLY (Model 07174)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 321-8 | Capscrew | 3 |
| 2 | 3253-3 | Lockwasher | 9 |
| 3 | 13-6070 | Bushing (Incl. Ref. #1 & 2) | 1 |
| 4 | 13-6030 | Pulley | 1 |
| 5 | 13-2240 | Square Key | 1 |
| 6 | 13-3790 | Fan Shaft | 1 |
| 7 | 3253-21 | Lockwasher | 9 |
| 8 | 3217-7 | Nut | 1 |
| 9 | 13-2810 | Square Key | 1 |
| 10 | 13-3350 | Mounting Bracket | 1 |
| 11 | 13-6470 | Decal | 1 |
| 12 | 13-3850 | Blower Access Plate | 1 |
| 13 | 13-6410 | Decal | 1 |
| 14 | 321-4 | Capscrew | 4 |
| 15 | 323-7 | Capscrew | 6 |
| 16 | 3244-14 | Square Hd. Set Screw | 4 |
| 17 | 3218-5 | Nut | 4 |
| 20 | 13-3420 | Fan Assembly | 1 |
| 22 | 3256-24 | Flat Washer | 14 |
| 23 | 3296-39 | Locknut | 7 |
| 24 | 325-6 | Capscrew | 7 |
| 25 | 56-6220 | Bearing (Incl. Ref. #28 & 29) | 2 |

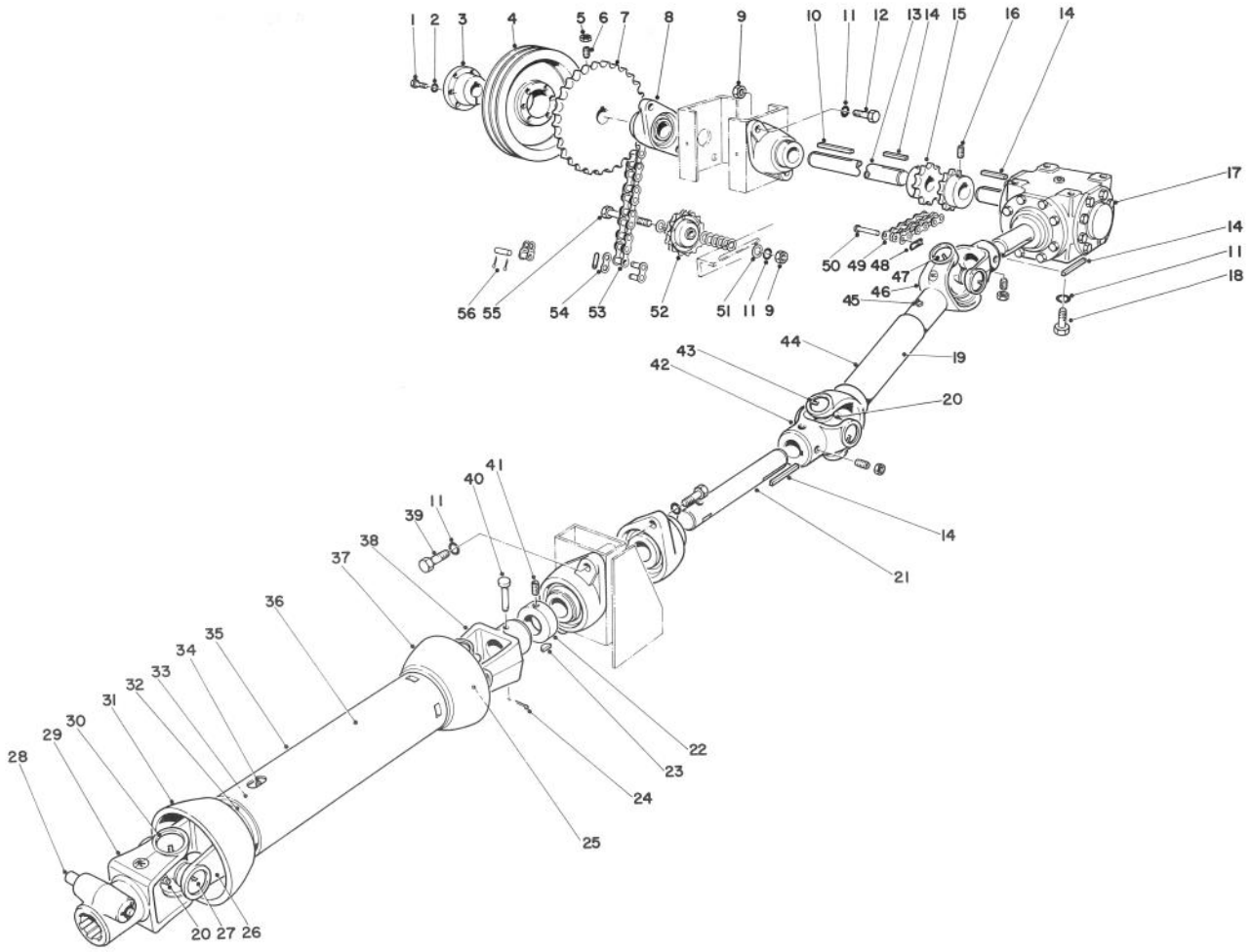
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 27 | 32153-5 | Locknut | 8 |
| 28 | | Set Screw | 2 |
| 29 | | Locking Collar | 2 |
| 30 | 13-1420 | Inspection Cover | 2 |
| 31 | 32103-12 | Wing Nut | 4 |
| 32 | 3256-22 | Flat Washer | 32 |
| 33 | 13-6280 | Blower and Throat (Incl. Ref. #2, 12, 14, 30-32) | 1 |
| 34 | 323-6 | Capscrew | 8 |
| 35 | 13-6390 | Flap Handle | 1 |
| 36 | 3256-27 | Flat Washer | 1 |
| 37 | 3272-12 | Cotter Pin | 1 |
| 38 | 13-6360 | Lift Rod | 1 |
| 39 | 3218-6 | Jam Nut | 2 |
| 40 | 13-0330 | Pivot Block | 1 |
| 41 | 323-8 | Capscrew | 1 |
| 42 | 3296-42 | Lock Nut | 42 |
| 43 | 321-3 | Capscrew | 10 |
| 44 | 13-4760 | Lower Flap | 1 |
| 45 | 13-3130 | End Flap | 2 |
| 46 | 321-5 | Capscrew | 14 |
| 47 | 13-4700 | Rubber Flap (Incl. Ref.#32, 42, 48 & 49) | 1 |




# BLOWER AND THROAT ASSEMBLY (Model 07174) (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 48 | 13-4560 | Flap Weight | 18 |
| 49 | 321-8 | Capscrew | 18 |
| 50 | 13-1390 | Flap Retainer | 1 |
| 51 | 3217-5 | Hex Nut | 2 |
| 52 | 13-6090 | Side Guard Cover | 1 |
| 53 | 321-4 | Capscrew | 2 |
| 54 | 322-1 | Capscrew | 1 |

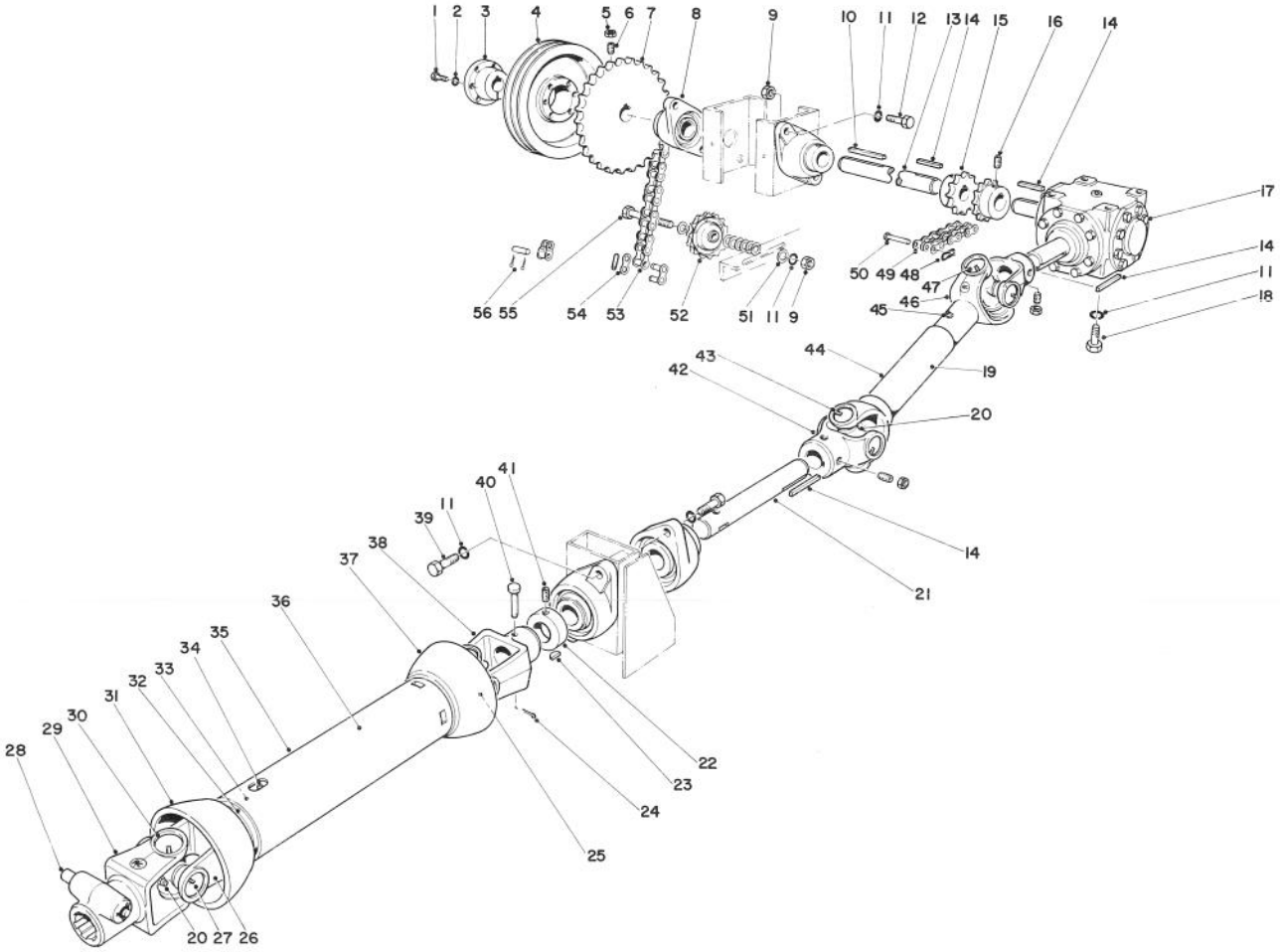
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 55 | 3253-4 | Lockwasher | 1 |
| 56 | 3256-23 | Flat Washer | 1 |
| 57 | 13-4800 | Belt Guard | 1 |
| 58 | 32104-109 | Screw | 4 |
| 59 | 13-2640 | Belt | 1 |
| 60 | 325-7 | Capscrew | 1 |




# DRIVE MECHANISM (Model 07174)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 322-10 | Capscrew | 3 |
| 2 | 3253-4 | Lockwasher | 3 |
| 3 | 13-6050 | Bushing (Incl. Ref. #1 & 2) | 1 |
| 4 | 13-6020 | Sheave | 1 |
| 5 | 3218-3 | Jam Nut | 6 |
| 6 | 3247-6 | Set Screw | 6 |
| 7 | 13-6110 | Sprocket | 1 |
| 8 | 56-6250 | Bearing (Incl. Ref. #22 & 41) | 4 |
| 9 | 3217-9 | Nut | 5 |
| 10 | 13-3720 | Square Key | 1 |
| 11 | 3253-7 | Lockwasher | 13 |
| 12 | 325-6 | Capscrew | 4 |
| 13 | 13-5910 | Side Drive Shaft | 1 |
| 14 | 5-0738 | Square Key | 4 |
| 15 | 13-6690 | Coupling Half | 2 |
| 16 | 3247-3 | Set Screw | 4 |
| 17 | 13-5990 | Gear Box Complete | 1 |
| 18 | 325-4 | Capscrew | 4 |
| 19 | 13-6010 | Universal Shaft – Rear (Incl. Ref. #20 & 42-47) | 1 |
| 20 | 2115-80 | Grease Fitting | 4 |
| 21 | 13-5900 | Front Drive Shaft | 1 |
| 22 | | Eccentric Locking Collar | 4 |

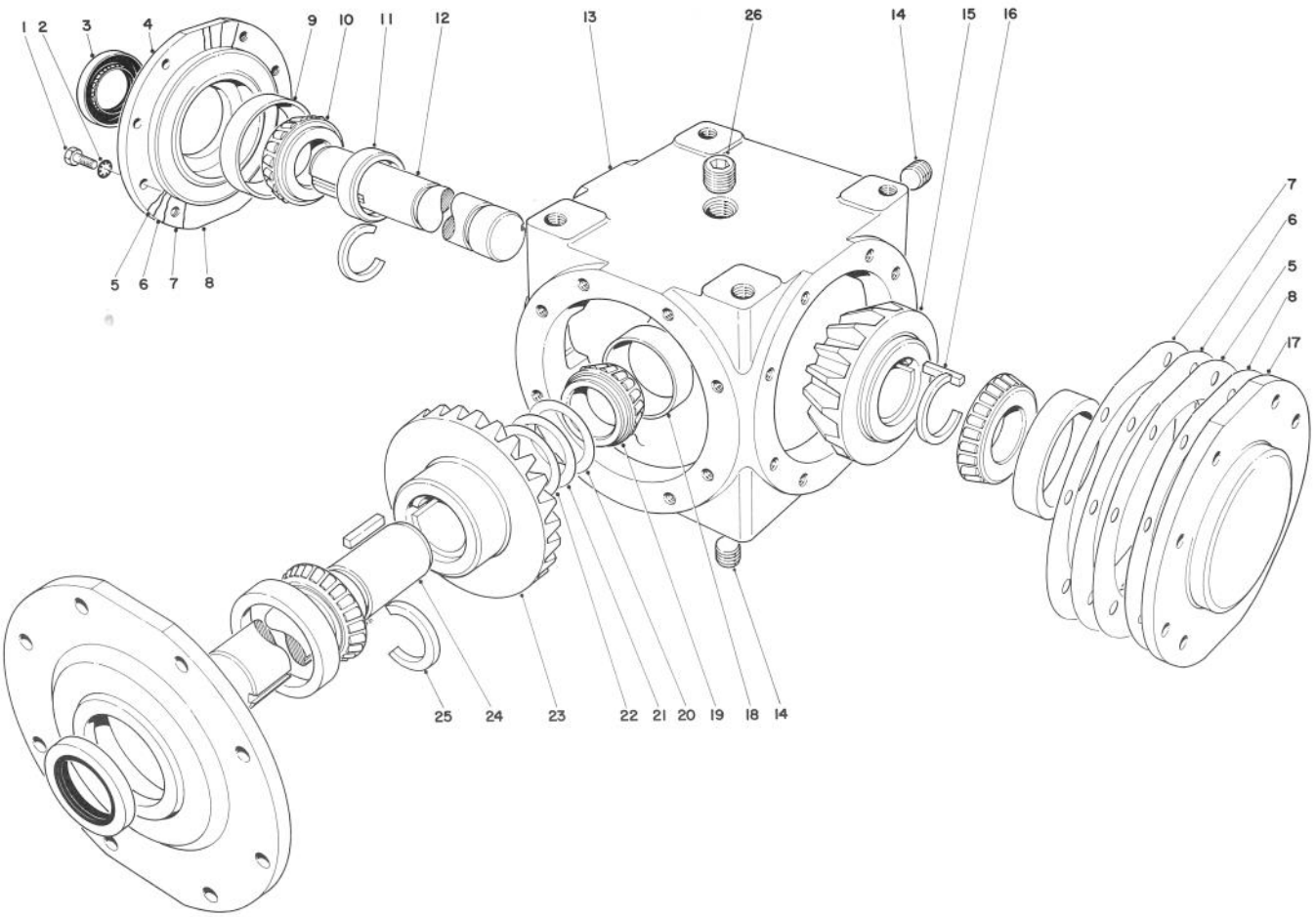
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 23 | 3257-8 | Key | 1 |
| 24 | 3272-10 | Cotter Pin | 1 |
| 25 | 2115-84 | Yoke Sub Assembly | 1 |
| 26 | 2115-87 | Yoke and Shaft | 1 |
| 27 | 2115-79 | Lock Ring | 8 |
| 28 | 2115-77 | Quick Detach Pin | 1 |
| 29 | 2115-89 | Yoke | 1 |
| 30 | 2115-88 | Center Parts Kit | 2 |
| 31 | 2115-92 | Shield | 1 |
| 32 | 2115-93 | Shield | 1 |
| 33 | 2115-86 | Support Bearing | 1 |
| 34 | 2115-85 | Grease Fitting | 1 |
| 35 | 2115-91 | Shield | 1 |
| 36 | 13-6040 | Universal Shaft – Front (Incl. Ref. #20, 25-35 & 37-38) | 1 |
| 37 | 2115-90 | Shield | 1 |
| 38 | 2115-94 | Yoke | 1 |
| 39 | 325-5 | Capscrew | 4 |
| 40 | 283-33 | Pin | 1 |
| 41 | | Set Screw | 8 |
| 42 | 2115-81 | Yoke | 2 |
| 43 | 2115-76 | Center Parts Kit | 2 |




# DRIVE MECHANISM (Model 07174) (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 44 | 2115-83 | Yoke and Shaft | 1 |
| 45 | 302-2 | Grease Fitting | 1 |
| 46 | 2115-82 | Yoke and Shaft | 1 |
| 47 | 2115-78 | Lock Ring | 8 |
| 48 | | Clip-Connector Pin | 1 |
| 49 | 13-6680 | Chain | 1 |
| 50 | 13-6670 | Connector Pin (Incl. Ref. #48) | 1 |

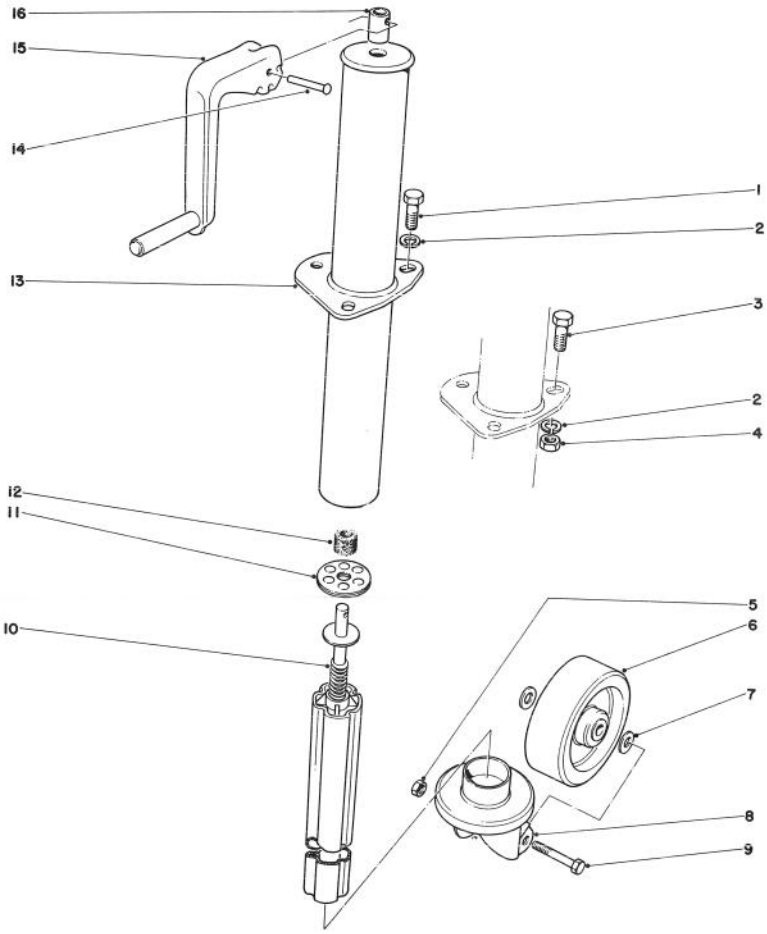
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 51 | 3256-26 | Flat Washer | 8 |
| 52 | 13-4570 | Idler Sprocket | 1 |
| 53 | 13-4590 | Chain | 1 |
| 54 | 2710-30 | Connecting Link | 1 |
| 55 | 325-11 | Capscrew | 1 |
| 56 | 2710-29 | Offset Link | 1 |




# GEAR BOX ASSEMBLY (Model 07174)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 322-5 | Capscrew | 24 |
| 2 | 3254-10 | Lockwasher | 24 |
| 3 | 13-6520 | Seal | 2 |
| 4 | 13-6500 | Cap | 2 |
| 5 | 13-6490 | Gasket .002 Thk. | AR |
| 6 | 13-6610 | Gasket .003 Thk. | AR |
| 7 | 13-6600 | Gasket .005 Thk. | AR |
| 8 | 13-6590 | Gasket .015 Thk. | AR |
| 9 | 254-20 | Bearing Cup | 3 |
| 10 | 254-97 | Bearing Cone | 3 |
| 11 | 13-6620 | Thrust Collar | 1 |
| 12 | 13-6510 | Shaft | 1 |
| 13 | 13-6650 | Housing | 1 |

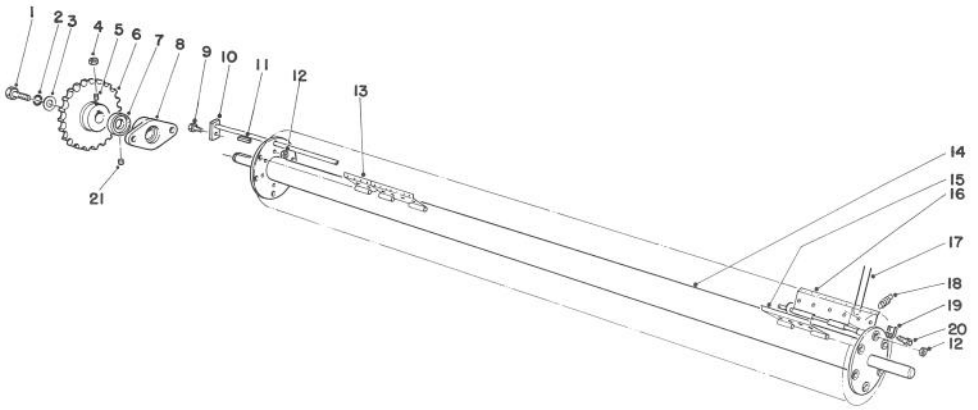
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 14 | 285-12 | Pipe Plug | 2 |
| 15 | 13-6660 | Gear 17 Tooth | 1 |
| 16 | 13-6570 | Tapered Key | 2 |
| 17 | 13-6580 | Cap | 1 |
| 18 | 254-61 | Bearing Cup | 1 |
| 19 | 254-62 | Bearing Cone | 1 |
| 20 | 13-6540 | Shim .010 Thk. | AR |
| 21 | 13-6630 | Shim .005 Thk. | AR |
| 22 | 13-6550 | Shim .002 Thk. | AR |
| 23 | 13-6530 | Gear 23 Tooth | 1 |
| 24 | 13-6560 | Shaft | 1 |
| 25 | 13-6640 | Retaining Ring | 3 |
| 26 | 59-1460 | Plug — Vent | 1 |




# JACK ASSEMBLY (Models 07073 & 07174)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 323-4 | Capscrew (Model 07073 only) | 3 |
| 2 | 3253-21 | Lockwasher | 3 |
| 3 | 323-5 | Capscrew (Model 07174 only) | 3 |
| 4 | 3217-7 | Nut (Model 07174 only) | 3 |
| 5 | 3296-23 | Nut | 1 |
| 6 | 13-6440 | Wheel | 1 |
| 7 | 3256-26 | Flat Washer | 2 |
| 8 | 13-6450 | Caster Wheel Bracket | 1 |
| 9 | 325-13 | Capscrew | 1 |

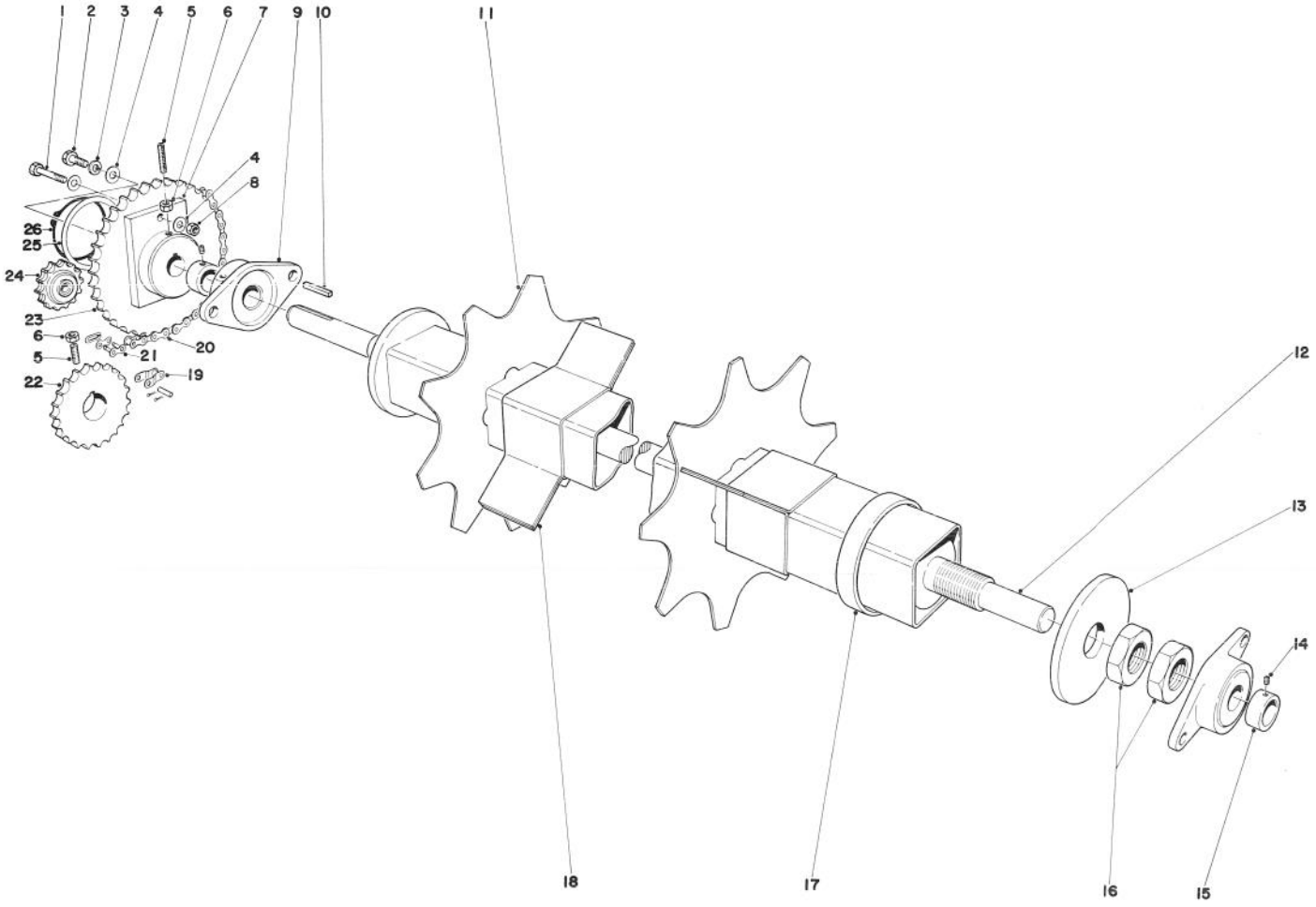
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 10 | 13-6750 | Ram | 1 |
| 11 | 13-3510 | Thrust Bearing | 1 |
| 12 | 13-3610 | Felt Sleeve | 1 |
| 13 | 13-5680 | Jack Assembly (Incl. Ref. #10-16) | 1 |
| 14 | 13-6730 | Rivet | 1 |
| 15 | 13-6740 | Handle | 1 |
| 16 | 13-3490 | Sleeve | 1 |




# FLEX TIP REEL ASSEMBLY MODEL NO. 07079 (Optional)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 321-4 | Capscrew | 1 |
| 2 | 3253-3 | Lockwasher | 1 |
| 3 | 13-3710 | Special Washer | 1 |
| 4 | 3218-3 | Jam Nut | 2 |
| 5 | 3247-6 | Set Screw | 2 |
| 6 | 13-4890 | Sprocket | 1 |
| 7 | | Locking Collar | 2 |
| 8 | 56-6230 | Bearing (Incl. Ref. #7 & 21) | 2 |
| 9 | 323-4 | Capscrew | 6 |
| 10 | 13-4960 | Finger Plate Shaft | 6 |
| 11 | 13-2840 | Square Key | 1 |

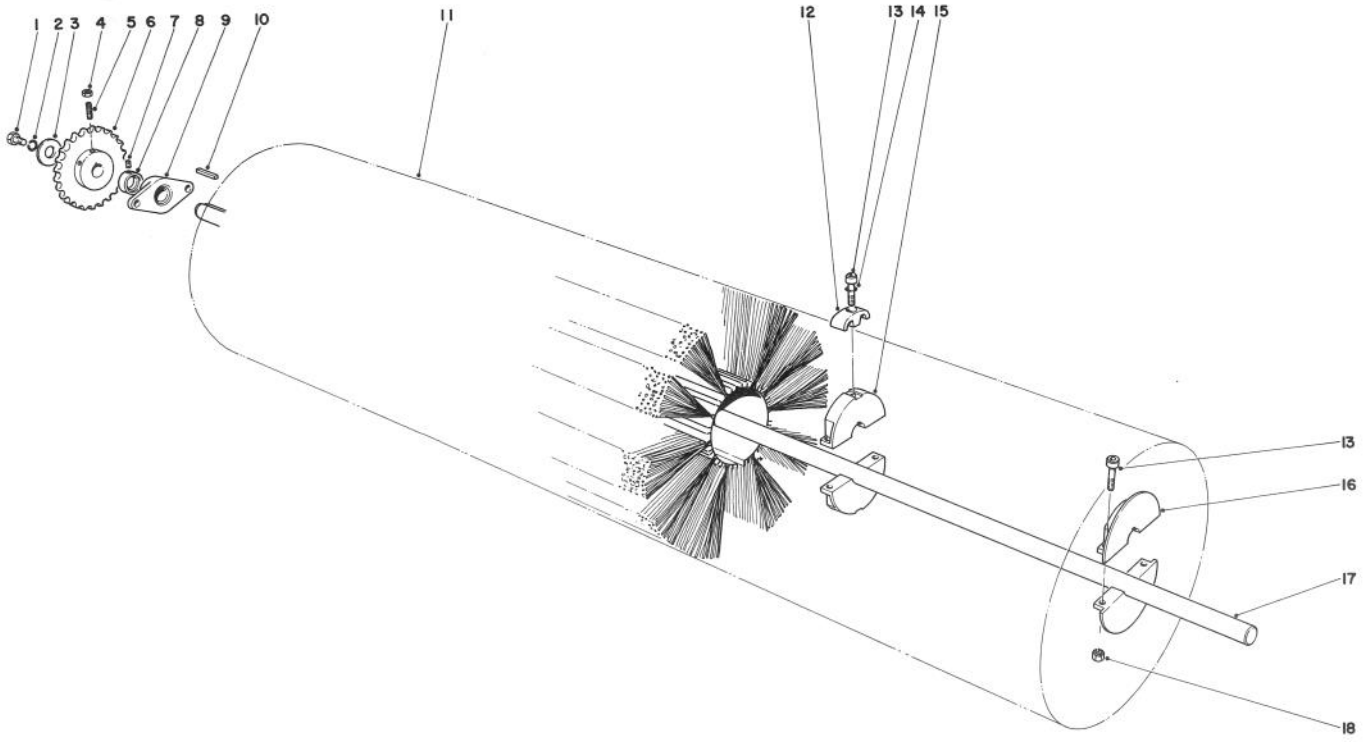
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 12 | 32152-2 | Locknut | 12 |
| 13 | 13-4930 | Finger Plate | 3 |
| 14 | 13-5250 | Reel Rake | 1 |
| 15 | 13-2450 | Finger Plate | 60 |
| 16 | 13-4940 | Finger Plate | 3 |
| 17 | 13-2470 | Nylon Finger | 276 |
| 18 | 13-3090 | Spring | 66 |
| 19 | 13-2480 | Finger Clamp | 276 |
| 20 | 32140-94 | Capscrew | 276 |
| 21 | | Set Screw | 2 |




# 66" THATCHING ATTACHMENT MODEL NO. 07178 (Optional)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 321-10 | Capscrew | 1 |
| 2 | 321-4 | Capscrew | 1 |
| 3 | 3253-3 | Lockwasher | 1 |
| 4 | 13-3710 | Flat Washer | 3 |
| 5 | 3247-8 | Set Screw | 4 |
| 6 | 3218-3 | Jam Nut | 4 |
| 7 | 13-7700 | Hub-Torque Limiting | 1 |
| 8 | 3296-8 | Locknut | 1 |
| 9 | 56-6230 | Bearing (Incl. Ref. #14 & 15) | 2 |
| 10 | 13-2840 | Square Key | 1 |
| 11 | 13-7540 | Blade – 9 Tooth | 16 |
| 12 | 13-7560 | Shaft | 1 |
| 13 | 13-7520 | End Plate | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 14 | | Set Screw | 2 |
| 15 | | Locking Collar | 2 |
| 16 | 3218-17 | Jam Nut | 2 |
| 17 | 13-7530 | End Spacer | 1 |
| 18 | 13-7550 | Spacer | 15 |
| 19 | 2710-29 | Offset Link | 1 |
| 20 | 13-4580 | Chain | 1 |
| 21 | 2710-30 | Connecting Link | 1 |
| 22 | 13-7440 | Drive Sprocket (18 Tooth) | 1 |
| 23 | 13-7740 | Sprocket (36 Tooth) | 1 |
| 24 | 13-4570 | Idler Sprocket | 1 |
| 25 | 13-7640 | Washer | 1 |
| 26 | 32151-16 | Retaining Ring | 1 |

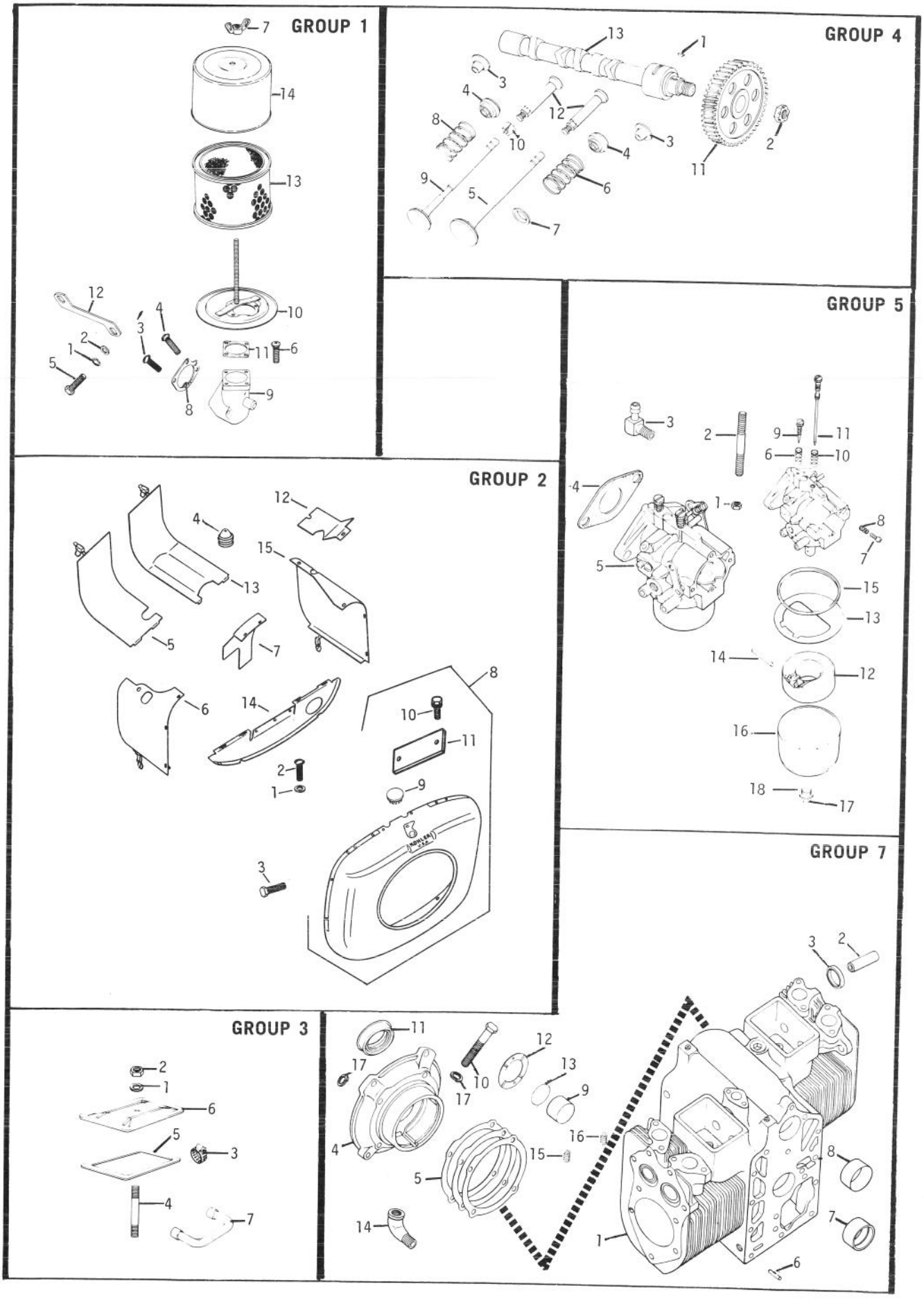



# 66" STREET BROOM ATTACHMENT MODEL NO. 07076 (Optional)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 1 | 321-4 | Capscrew | 1 |
| 2 | 3253-3 | Lockwasher | 1 |
| 3 | 13-3710 | Washer | 1 |
| 4 | 3218-3 | Jam Nut | 2 |
| 5 | 3247-8 | Set Screw | 2 |
| 6 | 13-4890 | Sprocket | 1 |
| 7 | | Set Screw | 2 |
| 8 | | Locking Collar | 2 |
| 9 | 56-6230 | Bearing (Incl. Ref. No's. 7 & 8) | 2 |
| 10 | 13-2840 | Square Key | 1 |

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| 11 | 13-3210 | Brush Half | 2 |
| 12 | 13-3180 | Brush Clamp | 6 |
| 13 | 3274-1 | Hex Head Socket Capscrew | 12 |
| 14 | 13-3360 | Special Lockwasher | 6 |
| 15 | 13-3190 | Center Support (Incl. Ref. No's. 12, 13, 14 & 18) | 1 |
| 16 | 13-3200 | End Support (Incl. Ref. No's. 12, 13, 14 & 18) | 2 |
| 17 | 13-4990 | Brush Shaft | 1 |
| 18 | 3217-7 | Nut | 6 |

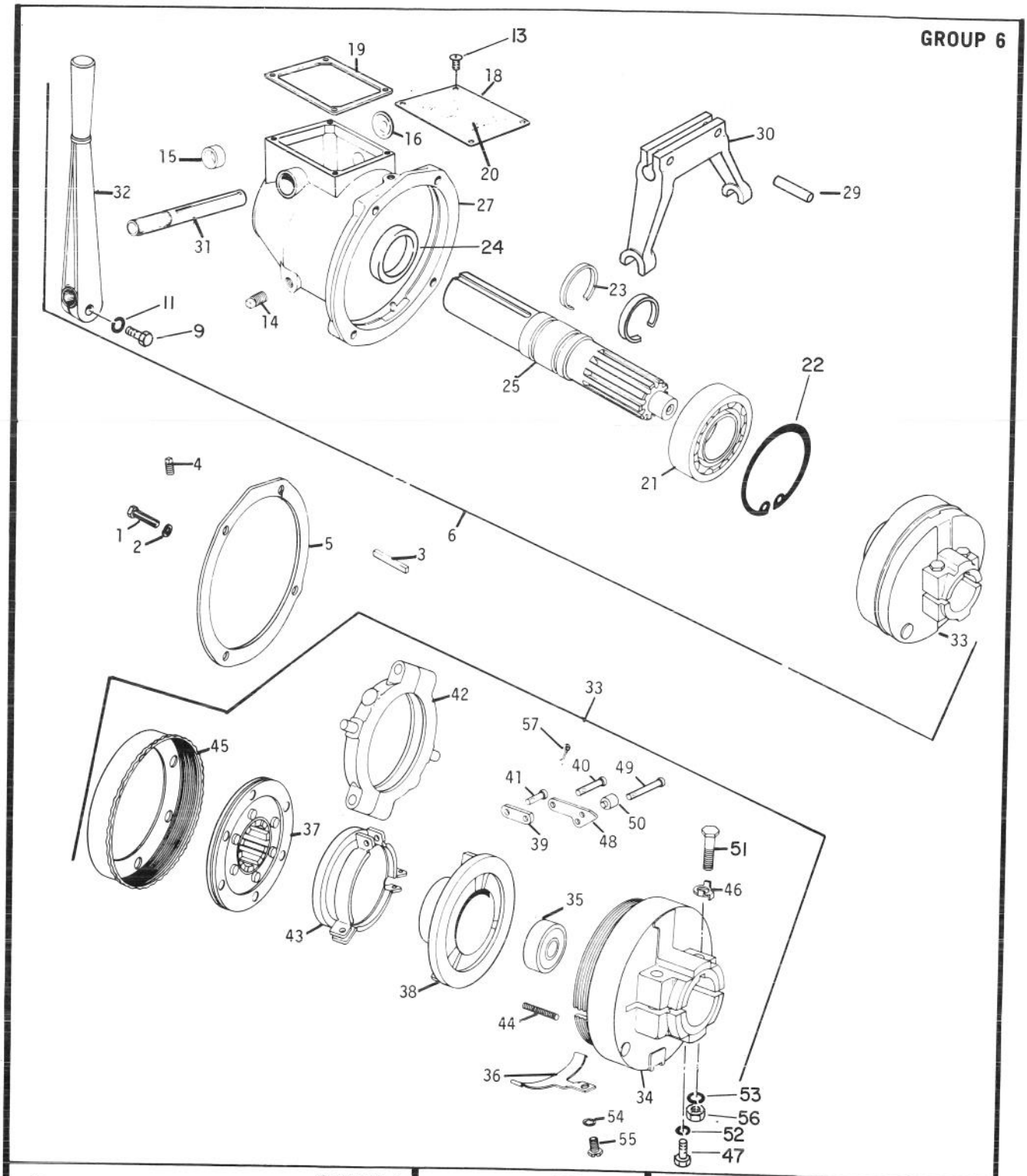
# ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331



# ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| | | **AIR INTAKE – GROUP 1** | |
| 1 | X-22-9 | Washer, I.T. | 2 |
| 2 | X-25-79 | Washer, Plain | 1 |
| 3 | X-50-37 | Screw, R.H.M. | 1 |
| 4 | X-50-57 | Screw, R.H.M. | 2 |
| 5 | X-132-5 | Screw, H.C. | 2 |
| 6 | X-167-2 | Screw, F.H.M. | 4 |
| 7 | X-276-7 | Nut, Wing | 1 |
| 8 | 277069 | Gasket, Elbow | 1 |
| 9 | 48 05417 | Elbow, Air Cleaner | 1 |
| 10 | 277071 | Base, Air Cleaner | 1 |
| 11 | 277093 | Gasket, Air Cleaner | 1 |
| 12 | 277116 | Brace, Elbow | 1 |
| 13 | 277138 | Element, Air Cleaner | 1 |
| 14 | 277142 | Cover, Air Cleaner | 1 |
| | | **BAFFLES & SHROUD – GROUP 2** | |
| 1 | X-20-1 | Washer, Lock | 2 |
| 2 | X-73-1 | Screw, R.H.M. | 2 |
| 3 | X-133-2 | Screw, H.C. | 9 |
| 4 | 243035 | Grommet | 1 |
| 5 | 277048 | Baffle, #1 Barrel | 1 |
| 6 | 277051 | Baffle, #1 Cylinder Head | 1 |
| 7 | 277054 | Baffle, #1 Upper Cylinder | 1 |
| 8 | 48 027 11 | Blower Housing Assembly | 1 |
| 9 | X-301-8 | Plug, Button | 1 |
| 10 | X-132-6 | Screw, Hex. Hd. | 2 |
| 11 | 41 096 23 | Cover, Knock-Out | 1 |
| 12 | 48 063 01 | Baffle | 1 |
| 13 | 277168 | Baffle, #2 Barrel | 1 |
| 14 | 277230 | Baffle, Blower Housing Support | 1 |
| 15 | 48 124 04 | Baffle, #2 Cylinder Head | 1 |
| | | **BREATHER & VENT – GROUP 3** | |
| 1 | X-25-12 | Washer, Plain | 2 |
| 2 | X-81-1 | Nut, Hex. | 2 |
| 3 | X-426-3 | Clamp, Hose | 2 |
| 4 | 220368 | Stud, Valve Cover | 2 |
| 5 | 270034 | Gasket, Valve Cover | 2 |
| 6 | 270036 | Cover, Valve | 2 |
| 7 | 277392 | Hose, Breather | 1 |
| | | **CAMSHAFT & VALVES – GROUP 4** | |
| 1 | X-43-1 | Key, Woodruff | 1 |
| 2 | X-119-17 | Nut, Jam | 1 |
| 3 | 230011 | Retainer, Valve Spring | 2 |
| 4 | 5241301 | Rotator, Exhaust Valve | 2 |
| 5 | 235008 | Valve, Intake | 2 |
| 6 | 235010 | Spring, Valve | 2 |
| 7 | 235011 | Retainer, Valve Spring | 4 |
| 8 | 235168 | Spring, Exhaust Valve | 2 |
| 9 | 237672 | Valve, Exhaust | 2 |
| 10 | 41 755 10 | Kit, Retainer | 4 |
| 11 | 277012 | Gear, Camshaft | 1 |
| 12 | D-277031 | Tappet | 4 |
| 13 | 48 012 01 | Camshaft | 1 |
| | | **CARBURETOR – GROUP 5** | |
| 1 | X-82-5 | Nut, Hex. | 2 |
| 2 | X-352-10 | Stud | 2 |
| 3 | 25 155 02 | Connector, 90° Hose | 1 |
| 4 | 271030 | Gasket, Carburetor | 1 |
| 5 | 48 053 06 | Carburetor Assembly | 1 |
| 6 | 200380 | Spring, Idle Speed | 1 |
| 7 | 234945 | Screw, Idle Fuel Adj. | 1 |
| 8 | 200380 | Spring, Idle Fuel | 1 |
| 9 | 277210 | Needle, Idle Adj. | 1 |
| 10 | 200383 | Spring, Main Fuel | 1 |
| 11 | 48 103 01 | Needle, Main Fuel Adj. | 1 |
| 12 | 25 757 03 | Kit, Float | 1 |
| 13 | 25 041 02 | Gasket, Bowl Baffle | 1 |
| 14 | 200376 | Pin, Float Hinge | 1 |
| 15 | 200375 | Gasket, Bowl | 1 |
| 16 | 235448 | Bowl, Fuel | 1 |
| 17 | 47 100 06 | Screw, Bowl Retainer | 1 |
| 18 | 200372 | Gasket, Bowl Retainer Screw | 1 |
| 19 | 25 757 02 | Kit, Carburetor Repair | 1 |
| | | **CRANKCASE – GROUP 7** | |
| 1 | 48 005 03 | Crankcase Assembly | 1 |
| 2 | 235007-S | Guide, Valve | 4 |
| 3 | 230265 | Insert, Exhaust Valve | 2 |
| 4 | 277199 | Plate, Rear Closure | 1 |
| 5 | 277087 | Gasket, Rear Closure Plate | 1 |
| 5 | 277103 | Gasket, Rear Closure Plate | A.R. |
| 5 | 277115 | Gasket, Rear Closure Plate | A.R. |
| 6 | 277134 | Pin, Drive Lock | 4 |
| 7 | 4803003 | Bearing | 2 |
| 8 | 4815802 | Bushing, Camshaft | 1 |
| 9 | 277039 | Bushing | 1 |
| 10 | 270956 | Screw, Cylinder Head | 4 |
| 11 | 277065 | Seal, Rear Oil | 1 |
| 12 | 277121 | Washer, Thrust | 2 |
| 13 | 160037 | Plug, Welch | 1 |
| 14 | 48 283 03 | Elbow, Street | 1 |
| 15 | 47 139 01 | Plug, Pipe | 1 |
| 16 | X-75-23 | Plug, Pipe | 4 |
| 17 | X-22-1 | Washer, Lock | 4 |

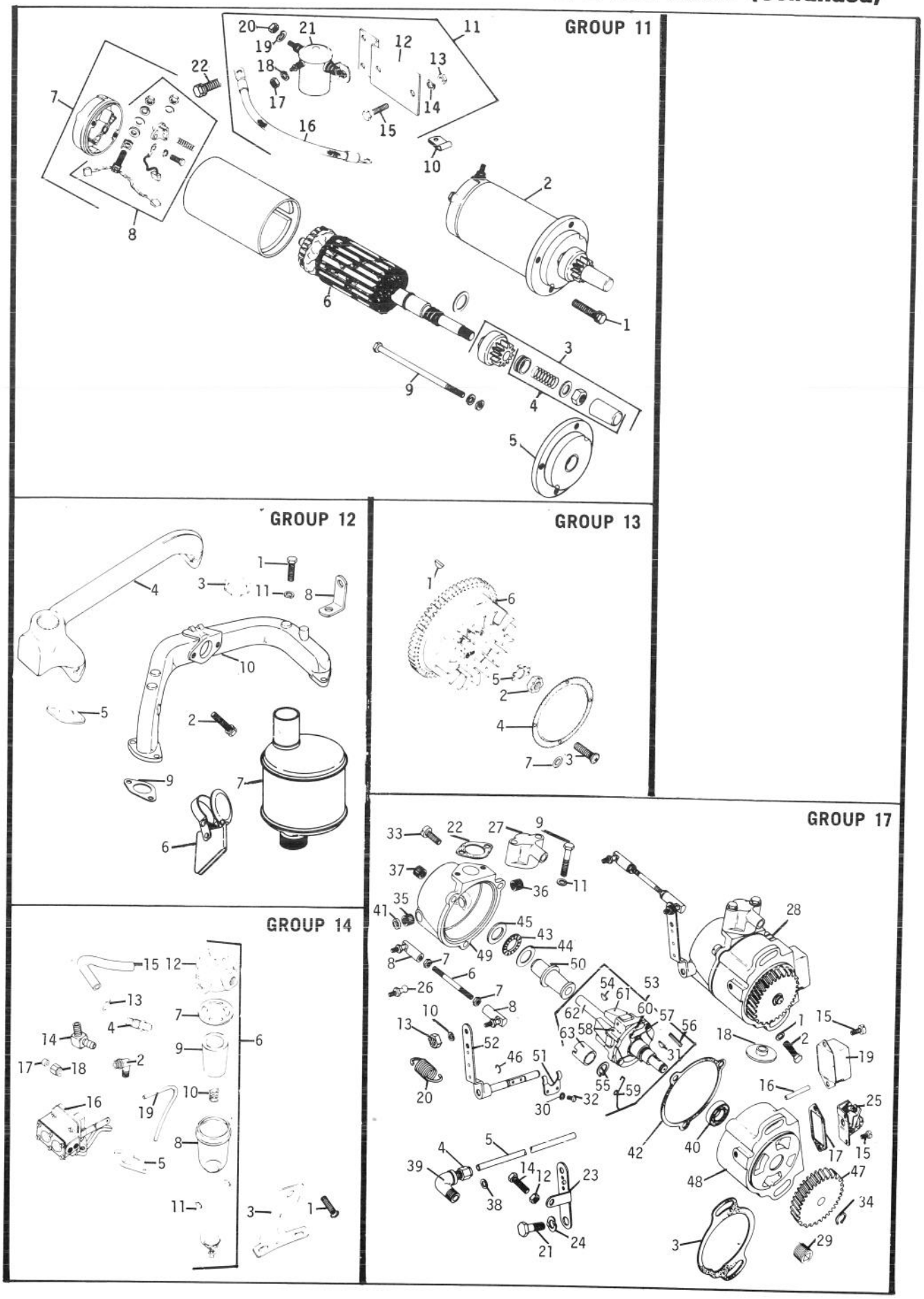
# ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331 (Continued)



# ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| | | **CLUTCH — GROUP 6** | |
| 1 | X-8-20 | Screw, H.C. | 4 |
| 2 | X-23-1 | Washer, Lock | 4 |
| 3 | X-286-8 | Key | 1 |
| 4 | 270219 | Plug, Vent | 1 |
| 5 | 274042 | Gasket, Clutch | 1 |
| 6 | 48 239 02 | Clutch Assembly | 1 |
| 9 | X-7-2 | Screw, H.C. | 1 |
| 11 | X-22-1 | Washer, Lock | 1 |
| 13 | X-50-13 | Screw, R.H. | 4 |
| 14 | X-75-2 | Plug, Pipe | 2 |
| 15 | X-271-19 | Seal, Oil | 1 |
| 16 | X-230-20 | Plug, Welch | 1 |
| 18 | 234032 | Cover | 1 |
| 19 | 234033 | Gasket, Clutch Cover | 1 |
| 20 | 234089 | Plate, Instruction | 1 |
| 21 | 234035 | Bearing, Ball | 1 |
| 22 | 48 141 02 | Snap Ring | 1 |
| 23 | 234037 | Ring, Snap | 2 |
| 24 | 234038 | Seal, Oil | 1 |
| 25 | 234039 | Shaft, Drive | 1 |
| 27 | 4808103 | Housing, Power Take Off | 1 |
| 29 | 274101 | Pin, Roll | 2 |
| 30 | A-234027 | Yoke, Clutch | 1 |
| 31 | 274117 | Shaft, Yoke | 1 |
| 32 | A-234026 | Lever, Shifting | 1 |
| 33 | A-234075 | Clutch Assembly | 1 |
| 34 | 234041 | Housing, Clutch | 1 |
| 35 | 234042 | Bearing | 1 |
| 36 | 234043 | Lock, Adjusting | 1 |
| 37 | A-234044 | Member, Driven | 1 |
| 38 | A-234045 | Plate, Pressure | 1 |
| 39 | 234050 | Link Connecting | 6 |
| 40 | 234051 | Pin, Link (long) | 3 |
| 41 | 234052 | Pin, Link (short) | 3 |
| 42 | A-234053 | Bearing, Release | 1 |
| 43 | 234054 | Sleeve, Release | 1 |
| 44 | 234055 | Sleeve, Return | 3 |
| 45 | 234056 | Ring, Adjusting | 1 |
| 46 | 234057 | Lock, Screw | 2 |
| 47 | 234073 | Screw, H.C. | 1 |
| 48 | 234046 | Lever, Pressure Plate | 6 |
| 49 | 234047 | Pin, Lever | 3 |
| 50 | 234048 | Roller | 3 |
| 51 | X-7-29 | Screw, H.C. | 2 |
| 52 | X-21-1 | Washer, Lock | 1 |
| 53 | X-22-1 | Washer, Lock | 2 |
| 54 | X-22-11 | Washer, I.T. | 1 |
| 55 | X-52-22 | Screw, Fil. Hd. | 1 |
| 56 | X-83-4 | Nut, Hex | 2 |
| 57 | X-36-4 | Pin, Cotter | 9 |
| | | **CRANKSHAFT — GROUP 8** | |
| 1 | X-42-15 | Key, Woodruff | 1 |
| 2 | X-269-32 | Ring, Retaining | 1 |
| 3 | 277009 | Gear, Crankshaft | 1 |
| 4 | 48 014 02 | Crankshaft | 1 |
| | | **CYLINDER HEAD — GROUP 9** | |
| 1 | 48 133 03 | Pin, Roll | 2 |
| 2 | 270158 | Screw, H.C. | 18 |
| 3 | 270889 | Washer | 18 |
| 4 | 48 015 02 | Head, Cylinder | 2 |
| 5 | 48 052 01 | Gasket, Cylinder Head | 2 |
| | | **DIPSTICK — GROUP 10** | |
| 1 | 271829 | Tube, Dipstick | 1 |
| 2 | 277357 | Dipstick | 1 |

# ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331 (Continued)



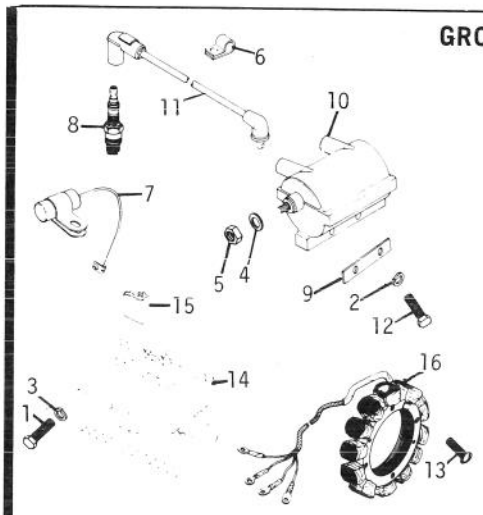
# ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| | | **ELECTRIC START – GROUP 11** | |
| 1 | X-154-1 | Screw, H.C. | 3 |
| 2 | 48 098 02 | Starter Assembly | 1 |
| 3 | 48 755 02 | Kit, Drive | 1 |
| 4 | 48 755 13 | Kit, Drive Parts | 1 |
| 5 | 48 227 03 | Cap, Drive End | 1 |
| 6 | 277605 | Armature | 1 |
| 7 | 48 227 04 | Cap, Commutator End | 1 |
| 8 | 48 755 15 | Kit, Brush | 1 |
| 9 | 48 211 01 | Thru Bolt | 2 |
| 10 | 270154 | Clip, Cable | 2 |
| 11 | 48 217 04 | Solenoid Assembly | 1 |
| 12 | 48 126 15 | Bracket, Solenoid | 1 |
| 13 | X-81-1 | Nut, Hex. | 2 |
| 14 | X-20-1 | Washer, Lock | 2 |
| 15 | X-5-13 | Screw, H.C. | 2 |
| 16 | 48 518 12 | Lead 6" (Solenoid to Starter) | 1 |
| 17 | X-72-4 | Nut, Hex | 1 |
| 18 | X-18-2 | Washer, Lock | 1 |
| 19 | X-21-1 | Washer, Lock | 2 |
| 20 | X-77-2 | Nut, Hex. | 2 |
| 21 | 48 404 03 | Solenoid | 1 |
| 22 | X-133-2 | Screw, Hex. Hd. | 2 |
| | | **EXHAUST – GROUP 12** | |
| 1 | X-55-15 | Screw, H.C. | 4 |
| 2 | X-154-4 | Screw, H.C. | 4 |
| 3 | 156153 | Nut, Lock | 1 |
| 4 | 277013 | Manifold, Exhaust | 1 |
| 5 | 277091 | Gasket, Manifold | 2 |
| 6 | 277363 | Cap, Muffler | 1 |
| 7 | 277364 | Muffler | 1 |
| 8 | 47 445 02 | Strap, Lifting | 2 |
| 9 | 48 052 02 | Gasket, Intake | 2 |
| 10 | 48 164 02 | Manifold, Intake | 1 |
| 11 | X-21-1 | Washer, Lock | 4 |
| | | **FLYWHEEL – GROUP 13** | |
| 1 | X-45-3 | Key, Woodruff | 1 |
| 2 | X-80-1 | Nut, Hex. | 1 |
| 3 | 47 086 08 | Screw, T.H. | 4 |
| 4 | 277470 | Screen, Grass | 1 |
| 5 | 277595 | Nut, Lock | 1 |
| 6 | 48 025 14 | Flywheel | 1 |
| 7 | X-25-52 | Washer, Plain | 4 |
| | | **FUEL PUMP – GROUP 14** | |
| 1 | 47 086 08 | Screw, F.H. | 2 |
| 2 | 231510 | Elbow | 2 |
| 3 | 277132 | Bracket, Fuel Filter | 1 |
| 4 | 277483 | Nipple | 1 |
| 5 | 277649 | Gasket, Fuel Pump | 1 |
| 6 | A-201073 | Filter, Fuel Assembly | 1 |
| 7 | 270690 | Gasket, Ring Bowl | 1 |
| 8 | 270691 | Bowl, Filter | 1 |
| 9 | 270782 | Element, Ceramic | 1 |
| 10 | 270783 | Spring, Filter Retaining | 1 |
| 11 | 270784 | Retainer, Spring | 1 |
| 12 | 270785 | Body, Filter | 1 |
| 13 | X-426-9 | Clamp, Hose | 1 |
| 14 | 2515502 | Connector, 90° Hose | 1 |
| 15 | 2535301 | Line, Fuel | 1 |
| 16 | A-277539 | Pump, Fuel | 1 |
| 17 | 220547 | Sleeve | 2 |
| 18 | 220786 | Nut | 2 |
| 19 | 277591 | Line, Fuel | 1 |
| | 271736 | Kit, Fuel Pump Repair | 1 |

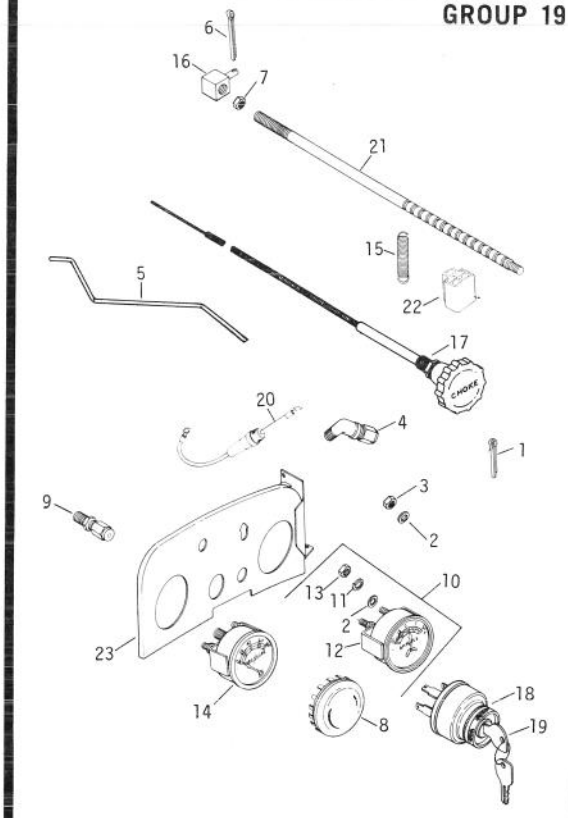
| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| | | **GOVERNOR – GROUP 17** | |
| 1 | X-25-20 | Washer, Plain | 2 |
| 2 | X-154-3 | Screw, H.C. | 2 |
| 3 | 277078 | Gasket, Governor Housing | 1 |
| 4 | X-343 | Connector | 1 |
| 5 | 48 353 05 | Line, Oil | 1 |
| 6 | 271151 | Rod, Throttle | 1 |
| 7 | X-70-3 | Nut, Hex. | 2 |
| 8 | 45 208 03 | Joint, Ball | 1 |
| 9 | X-5-26 | Screw, H.C. | 2 |
| 10 | X-19-1 | Washer, Lock | 1 |
| 11 | X-20-1 | Washer, Lock | 2 |
| 12 | X-70-2 | Nut, Hex. | 1 |
| 13 | X-70-3 | Nut, Hex. | 1 |
| 14 | X-97-4 | Screw, H.H.M. | 4 |
| 15 | X-131-1 | Screw, | 4 |
| 16 | X-489-8 | Rod, Breaker Push | 1 |
| 17 | 52 041 11 | Gasket, Breaker Cover | 1 |
| 18 | 220074 | Diaphragm | 1 |
| 19 | 232535 | Cover, Breaker | 1 |
| 20 | 271547 | Spring Governor | 1 |
| 21 | 275691 | Screw Shoulder | 1 |
| 22 | 277073 | Gasket | 1 |
| 23 | 277080 | Lever, Throttle | 1 |
| 24 | 277341 | Washer, Tension | 1 |
| 25 | 48 150 03 | Breaker | 1 |
| 26 | 48 194 01 | Ball | 1 |
| 27 | A-277905 | Cover | 1 |
| 28 | 48 310 28 | Kit, Governor | 1 |
| 29 | X-75-3 | Plug, Pipe | 1 |
| 30 | X-18-1 | Washer, Lock | 2 |
| 31 | X-42-2 | Key, Woodruff | 1 |
| 32 | X-49-1 | Screw, R.H.M. | 2 |
| 33 | X-174-2 | Screw, F.H. | 3 |
| 34 | X-269-15 | Ring, Retainer | 1 |
| 35 | X-293-3 | Bearing, Needle | 1 |
| 36 | X-293-2 | Bearing, Needle | 1 |
| 37 | 48 030 02 | Bearing, Needle | 1 |
| 38 | 37022 | Washer | 1 |
| 39 | X-324-7 | Elbow | 1 |
| 40 | 240202 | Bearing, Ball | 1 |
| 41 | 275055 | Seal, Oil | 1 |
| 42 | 277099 | Gasket, Governor Cover | 1 |
| 43 | 277100 | Bearing, Roller Thrust | 1 |
| 44 | 277101 | Race, Thrust Bearing | 1 |
| 45 | 277102 | Race, Thrust Bearing | 1 |
| 46 | 277104 | Ring, Retaining | 1 |
| 47 | 277561 | Gear, Governor | 1 |
| 48 | 48 081.02 | Housing | 1 |
| 49 | 48 096 05 | Cover, Governor | 1 |
| 50 | 48 755 01 | Kit, Sleeve | 1 |
| 51 | 48 471 02 | Yoke, Governor | 1 |
| 52 | 48 087 03 | Lever, Governor | 1 |
| 53 | 48 420 08 | Shaft, Governor Assy. | 1 |
| 54 | X-42-8 | Key, Woodruff | 1 |
| 55 | X-269-4 | Ring, Retaining | 1 |
| 56 | X-280-8 | Pin, Roll | 1 |
| 57 | 230080 | Pin, Flyweight | 2 |
| 58 | 230134 | Pin, Gov. Weight | 4 |
| 59 | 48 089 01 | Spring | 2 |
| 60 | 277114 | Flyweight | 2 |
| 61 | 277117 | Weight, Governor | 4 |
| 62 | 277007 | Shaft, Governor | 1 |
| 63 | 48 149 04 | Breaker, Cam | 1 |

# ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331 (Continued)

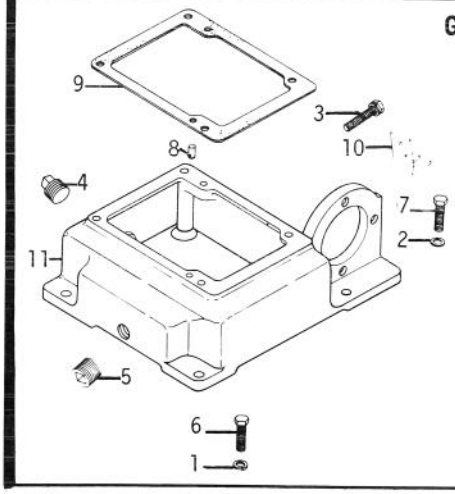
## GROUP 18



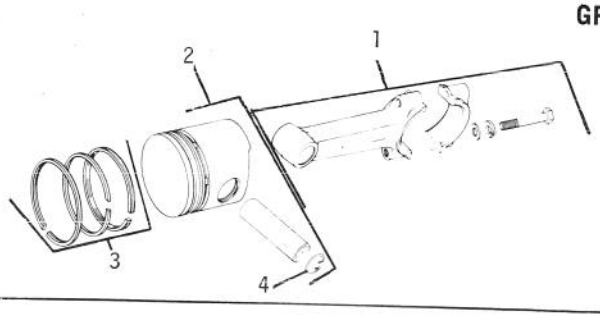

## GROUP 19



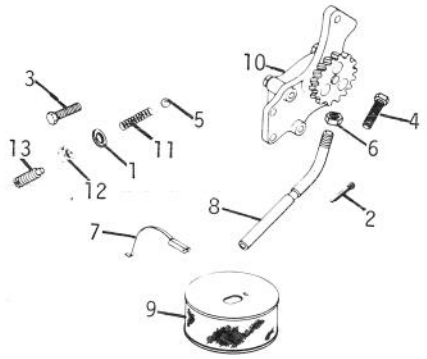

## GROUP 21



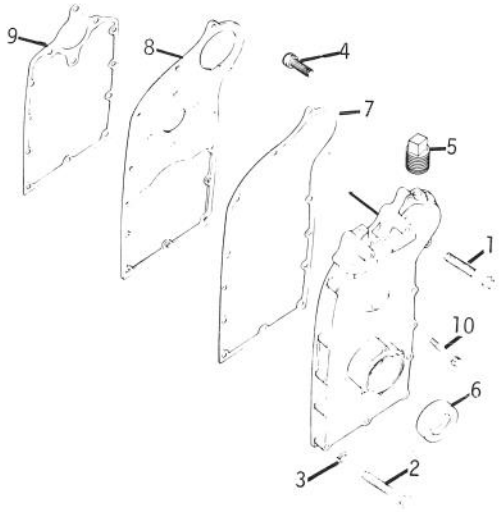

## GROUP 22



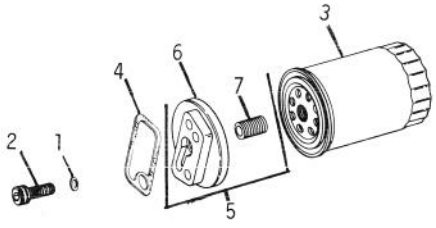

## GROUP 25




## GROUP 26




## GROUP 29



# ENGINE KOHLER MODEL NO. K582CS TYPE NO. 36331 (Continued)

| Ref. No. | Part No. | Description | No. Used |
|---|---|---|---|
| | | **IGNITION — Group 18** | |
| 1 | X-5-26 | Screw, H.C. | 2 |
| 2 | X-19-1 | Washer, Lock | 2 |
| 3 | X-20-1 | Washer, Lock | 2 |
| 4 | X-25-63 | Washer, Plain | 1 |
| 5 | X-70-3 | Nut, Hex | 2 |
| 6 | 210281 | Clip, Cable | 2 |
| 7 | 230722 | Condenser | 1 |
| 8 | 235041-S | Plug, Spark | 2 |
| 9 | 271694 | Plate, Coil Mounting | 2 |
| 10 | 277375 | Coil | 1 |
| 11 | 48 348 04 | Lead, High Tension | 2 |
| 12 | X-132-4 | Screw, H.C. | 2 |
| 13 | X-778-1 | Screw, R.H.M. | 4 |
| 14 | 41 403 05 | Regulator | 1 |
| 15 | 237429 | Connector | 1 |
| 16 | 237878 | Stator | 1 |
| * | 48 518 09 | Lead, Keyswitch to solenoid, 2 wire, 14 ga. — 33" insulated barrel eyelet and uninsulated push on tab terminals — 14 ga. — 27" — insulated barrel eyelet terminals. | 1 |
| | | **INSTRUMENT PANEL — GROUP 19** | |
| 1 | X-36-4 | Pin, Cotter | 1 |
| 2 | X-25-7 | Washer, Plain | 6 |
| 3 | X-70-8 | Nut, Hex. | 1 |
| 4 | X-324-7 | Elbow 1/8 N.P.T.F. | 1 |
| 5 | 277534 | Line, Oil Gauge | 1 |
| 6 | X-36-1 | Pin, Cotter | 1 |
| 7 | X-82-5 | Nut, Hex. | 1 |
| 8 | X-301-8 | Button, Plug | 1 |
| 9 | X-721-1 | Connector, Female | 1 |
| 10 | 48 755 18 | Kit, Ammeter | 1 |
| 11 | X-19-1 | Washer, Lock | 4 |
| 12 | 48 126 09 | Bracket, Ammeter | 1 |
| 13 | X-70-8 | Nut, Hex. | 3 |
| 14 | 270231 | Gauge, Oil Pressure | 1 |
| 15 | 270409 | Spring | 1 |
| 16 | 270410 | Block, Swivel | 1 |
| 17 | 277148 | Cable, Choke | 1 |
| 18 | 48 099 01 | Switch, Key | 1 |
| 19 | 48 340 01 | Key | 1 |
| 20 | 48 323 02 | Holder, Fuse (Includes 41 304 01 Fuse) | 1 |
| 21 | 48 420 03 | Shaft, Governor Control | 1 |
| 22 | 48 155 01 | Connector | 1 |
| 23 | 277173 | Panel, Instrument | 1 |
| * | 25 518 11 | Lead, 14 ga. — 18" uninsulated push on tab, insulated barrel eyelet terminals | 1 |
| * | 47 518 40 | Lead, 14 ga. — 14" uninsulated push on tab terminals | 1 |
| * | 41 304 01 | Fuse | 1 |
| | | **OIL PAN — GROUP 21** | |
| 1 | X-22-1 | Washer, Lock | 4 |
| 2 | X-25-44 | Washer, Plain | 1 |
| 3 | X-67-62 | Screw, Tapping | 1 |
| 4 | X-75-6 | Plug, Pipe | 1 |
| 5 | X-75-42 | Plug, Pipe | 1 |
| 6 | X-129-11 | Screw, H.C. | 4 |
| 7 | X-154-6 | Screw, H.C. | 1 |
| 8 | 230125-S | Pin, Dowel | 2 |
| 9 | 277014 | Gasket, Oil Pan | 1 |
| 10 | 48 126 08 | Bracket, Starter Support | 1 |
| 11 | 48 755 17 | Kit, Oil Pan | 1 |
| | | **PISTON & ROD — GROUP 22** | |
| 1 | 48 067 12 | Rod, Conn. Assy. (Std.) | 2 |
| | 48 067 13 | Rod, Conn. Assy. (.010) | 2 |
| 2 | 48 874 06 | Piston w/Ring Set (Std.) | 2 |
| | 48 874 07 | Piston w/Ring Set (.003) | 2 |
| | 48 874 08 | Piston w/Ring Set (.010) | 2 |
| | 48 874 09 | Piston w/Ring Set (.020) | 2 |
| | 48 874 10 | Piston w/Ring Set (.030) | 2 |
| 3 | 48 108 05 | Ring Set (Std. & .003) | 2 |
| | 48 108 06 | Ring Set (.010) | 2 |
| | 48 108 07 | Ring Set (.020) | 2 |
| | 48 108 08 | Ring set (.030) | 2 |
| 4 | 47-018 01 | Retainer | 4 |
| | | **OIL PUMP — GROUP 25** | |
| 1 | X-25-94 | Washer, Plain | 1 |
| 2 | X-36-6 | Pin, Cotter | 1 |
| 3 | X-154-2 | Screw, H.C. | 1 |
| 4 | X-154-5 | Screw, H.C. | 1 |
| 5 | X-212-3 | Ball, Steel | 1 |
| 6 | X-629-1 | Palnut | 1 |
| 7 | 270085 | Clip, Oil Tube | 1 |
| 8 | 277201 | Tube, Oil Inlet | 1 |
| 9 | 277202 | Strainer, Oil | 1 |
| 10 | 48 393 23 | Pump, Oil | 1 |
| 11 | 48 089 03 | Spring Relief Valve | 1 |
| 12 | X-101-6 | Nut, Elastic Stop | 1 |
| 13 | 277694 | Screw, Socket Set | 1 |
| | | **GEAR COVER — GROUP 26** | |
| 1 | X-6-11 | Screw, H.C. | 4 |
| 2 | X-6-22 | Screw, H.C. | 7 |
| 3 | X-21-1 | Washer, Lock | 14 |
| 4 | X-55-6 | Screw, H.C. | 1 |
| 5 | X-75-2 | Plug, Pipe | 1 |
| 6 | 52 032 08 | Seal, Front Oil | 1 |
| 7 | 277020 | Gasket, Gear Cover | 1 |
| 8 | 277021 | Plate, Gear Cover | 1 |
| 9 | 277022 | Gasket, Gear Cover Plate | 1 |
| 10 | 277086 | Screw, H.C. | 2 |
| 11 | 277493 | Cover, Gear | 1 |
| | | **OIL FILTER — GROUP 29** | |
| 1 | X-25-44 | Washer, Plain | 2 |
| 2 | X-55-9 | Screw, H.C. | 2 |
| 3 | 277233 | Filter, Oil | 1 |
| 4 | 48 041 03 | Gasket | 1 |
| 5 | 48 180 03 | Adapter, Filter Assembly | 1 |
| 6 | 49 029 02 | Adapter, Oil Filter | 1 |
| 7 | 277234 | Nipple | 1 |
| | 48 522 33 | Short Block | 1 |
| | 48 755 03 | Gasket Set w/Seals | 1 |
| | 48 004 01 | Gasket Set w/o Seals | 1 |

*Not Illustrated

# 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 apparently has been made in your unit, which is not reflected in your manual, see your TORO Distributor for information and part numbers.

# IDENTIFICATION AND ORDERING

**Model and Serial Numbers**

The Rake-O-Vac has two identification numbers: a model number and a serial number. The two numbers are stamped on a plate which is located on left side of frame behind hitch. In any correspondence concerning the Rake-O-Vac, supply model and serial numbers to assure that correct information and replacement parts are obtained.

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

1. Model and serial numbers of the Rake-O-Vac.

2. Part number, description, and quantity of part(s) desired.

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

# INDEX


| Description | Page |
|---|---|
| Engine And Frame Assembly (Model 07073) | 1-2 |
| Frame Assembly (Model 07174) | 3 |
| Jackshaft And Lifting Mechanism (Model 07073) | 4-5 |
| Jackshaft And Lifting Mechanism (Model 07174) | 6 |
| Gauge Wheel And Trailing Arm | 7 |
| Cage And Rear Tailgate | 8 |
| Blower And Throat Assembly (Model 07073) | 9-10 |
| Blower And Throat Assembly (Model 07174) | 11-12 |
| Drive Mechanism (Model 07174) | 13-14 |
| Gear Box Assembly (Model 07174) | 15 |
| Jack Assembly | 16 |
| Flex Tip Reel Assembly Model No. 07079 (Optional) | 17 |
| 66" Thatching Attachment Model No. 07178 (Optional) | 18 |
| 66" Street Broom Attachment Model No. 07076 (Optional) | 19 |
| Engine Kohler Model No. K582CS Type No. 36331 | 20-27 |