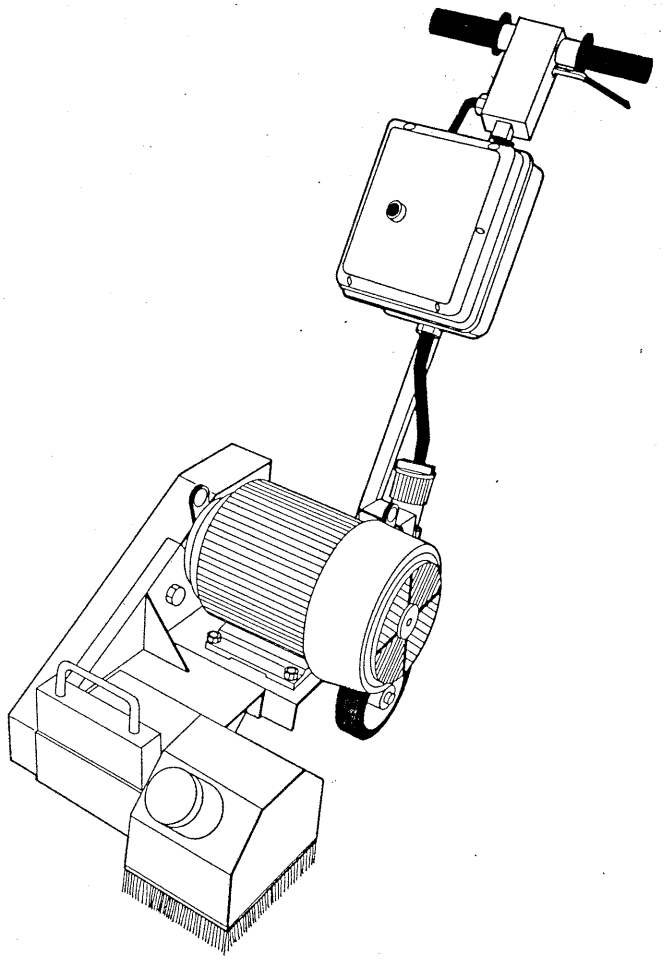
June 1, 1992

# DECK-V-SCALER

## PARTS MANUAL

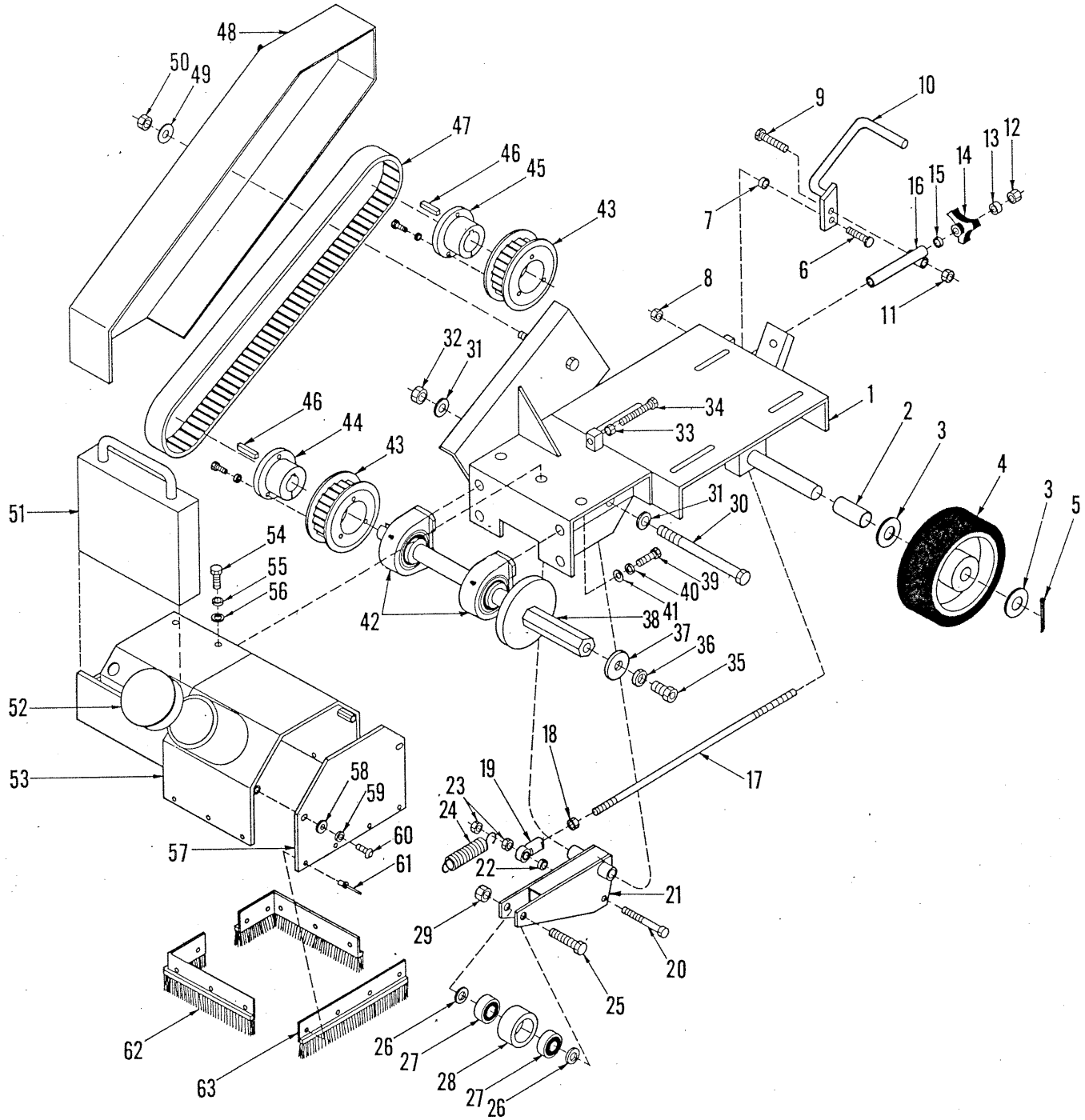


## Model CPM-4

**EQUIPMENT DEVELOPMENT COMPANY, INC.**
100 THOMAS JOHNSON DRIVE, FREDERICK, MARYLAND 21702-4305 USA
301-663-1600 TOLL FREE 1-800-638-3326 FAX 301-663-1607

Printed in U.S.A.

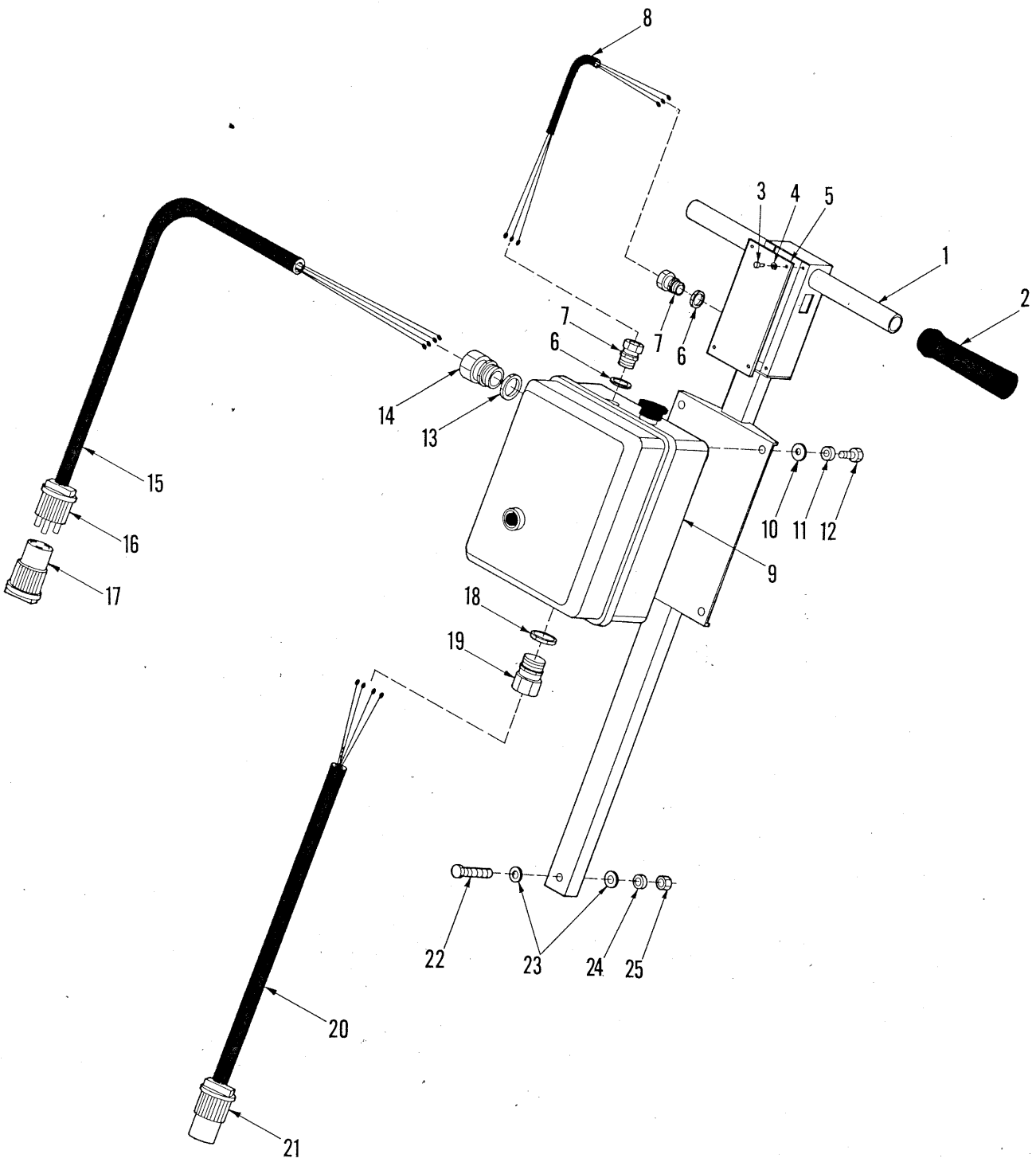
# ILLUSTRATION 1: FRAME ASSEMBLY



PARTS LISTING - ILLUSTRATION 1: FRAME ASSEMBLY

| Item # | Part # | Description | Qty. |
|---|---|---|---|
| 1. | C66001 | Main Frame | 1 |
| 2. | C66002 | Spacer, Rear Wheel | 1 |
| 3. | 10009 | Washer, Flat 3/4 | 4 |
| 4. | 50030 | Wheel 6 x 2 x 3/4"Brg. | 2 |
| 5. | 10306 | Pin, Cotter 3/16 x 1-1/2 | 2 |
| 6. | C66022 | Screw, Lever 3/8-24 x 1-1/2 | 1 |
| 7. | 10011 | Spacer, Steel 3/8"ID x 3/8"W | 1 |
| 8. | 10004 | Nut, Lock 3/8-24 | 1 |
| 9. | C66023 | Screw, Lever 3/8-24 x 1-3/4 | 1 |
| 10. | C66003 | Lever, Fork Disengage | 1 |
| 11. | 10004 | Nut, Lock 3/8-24 | 1 |
| 12. | 10404 | Nut 3/8-16 | 1 |
| 13. | 10011 | Spacer, Steel 3/8"ID x 3/8"W | 1 |
| 14. | 80011 | Knob, Star 3/8-16 | 1 |
| 15. | 10113 | Spacer, Steel 3/8"ID x 7/32"W | 1 |
| 16. | C66004 | Linkage Support | 1 |
| 17. | C66005 | Linkage Rod 3/8 x 15"L | 1 |
| 18. | 10004 | Nut, Lock 3/8-24 | 1 |
| 19. | 10919 | Rod End, Female 3/8-24 | 1 |
| 20. | 10815 | Screw, Cap 3/8-24 x 2-3/4 | 1 |
| 21. | C66006 | Fork, Front Wheel | 1 |
| 22. | 10113 | Spacer, Steel 3/8"ID x 7/32"W | 1 |
| 23. | 10004 | Nut, Lock 3/8-24 | 2 |
| 24. | 50074 | Spring, Ext. 1"OD x 2-1/2"CL | 1 |
| 25. | 10322 | Screw, Cap 1/2-20 x 2 | 1 |
| 26. | 10040 | Washer, Garret 17/32 | 2 |
| 27. | 3659 | Bearing 1/2"ID x 1-3/8"OD | 2 |
| 28. | C66007 | Wheel, Steel 2"Dia. | 1 |
| 29. | 10205 | Nut, Lock 1/2-20 | 1 |
| 30. | 10329 | Screw, Cap 1/2-20 x 6 | 1 |
| 31. | 10312 | Washer, Flat 1/2 | 2 |
| 32. | 10205 | Nut, Lock 1/2-20 | 1 |
| 33. | 10404 | Nut 3/8-16 | 1 |
| 34. | 10410 | Screw, Cap 3/8-16 x 2-1/2 Full (Electric 5 HP US Motors) | 1 |
| 35. | 10419 | Screw, Skt. Hd. 1/2-13 x 1 | 1 |
| 36. | 10420 | Washer, Lock 1/2 HD | 1 |
| 37. | C66011 | Washer, Drum Retaining | 1 |
| 38. | C66012 | Drive Shaft, Drum | 1 |
| 39. | 10055 | Screw, Cap 3/8-16 x 1 | 4 |
| 40. | 10811 | Washer, Lock 3/8 | 4 |
| 41. | 10025 | Washer, Flat 3/8 | 4 |
| 42. | C66013 | Bearing, Ball 7/8" TPB | 2 |
| 43. | C90052 | Sprocket, HTD P38-8M-30-SH | 2 |
| 44. | 10546 | Bushing SH x 7/8"Bore | 1 |
| 45. | 10547 | Bushing SH x 1-1/8"Bore (Electric 5 HP US Motors) | 1 |
| or | 10532 | Bushing SH x 3/4"Bore (Gas 5 HP Kohler Command) | 1 |
| 46. | 10301 | Key 1/4 x 1-1/2 | 2 |
| 47. | 10270 | Belt, HTD 1040-8M-30 (Electric 5 HP US Motor) | 1 |
| or | 10271 | Belt, HTD 1120-8M-30 (Gas 5 HP Kohler Command) | 1 |
| 48. | C66016 | Cover, Belt | 1 |
| 49. | 10040 | Washer, Garret 17/32 | 2 |
| 50. | 10407 | Nut, Lock 1/2-13 | 2 |
| 51. | C66021 | Weight Block | 1 |
| 52. | 64030 | Cap Plug 3" | 1 |
| 53. | C66017 | Cover, Front | 1 |
| 54. | 10914 | Screw, Cap 3/8-16 x 1 | 3 |
| 55. | 10811 | Washer, Lock 3/8 | 3 |
| 56. | 10025 | Washer, Flat 3/8 | 3 |
| 57. | C66018 | Cover, Drum Side Access | 1 |
| 58. | 10213 | Washer, Flat 5/16 | 2 |
| 59. | 10801 | Washer, Lock 5/16 | 2 |
| 60. | 10627 | Screw, S.B.H.C. 5/16-18 x 3/4 | 2 |
| 61. | 10128 | Rivet, Pop 1/8 x 1/4 | 14 |
| 62. | C66020 | Brush 1" x 9-1/2"L | 2 |
| 63. | C66019 | Brush 1" x 8-3/4"L | 1 |

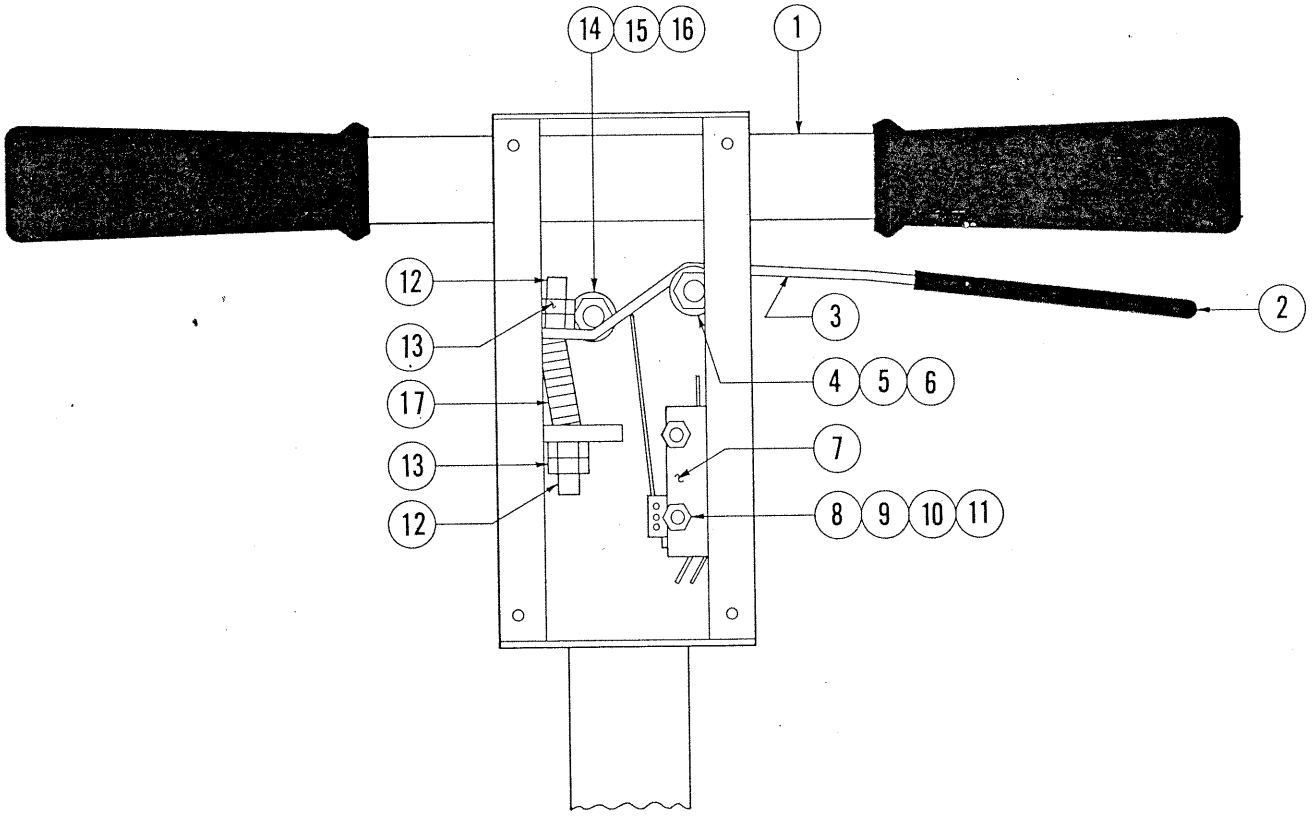
# HANDLE & STARTER ASSEMBLY
# (ELECTRIC MODEL ONLY)



PARTS LISTING - ILLUSTRATION 2: HANDLE & STARTER ASSEMBLY
(ELECTRIC MODEL ONLY)

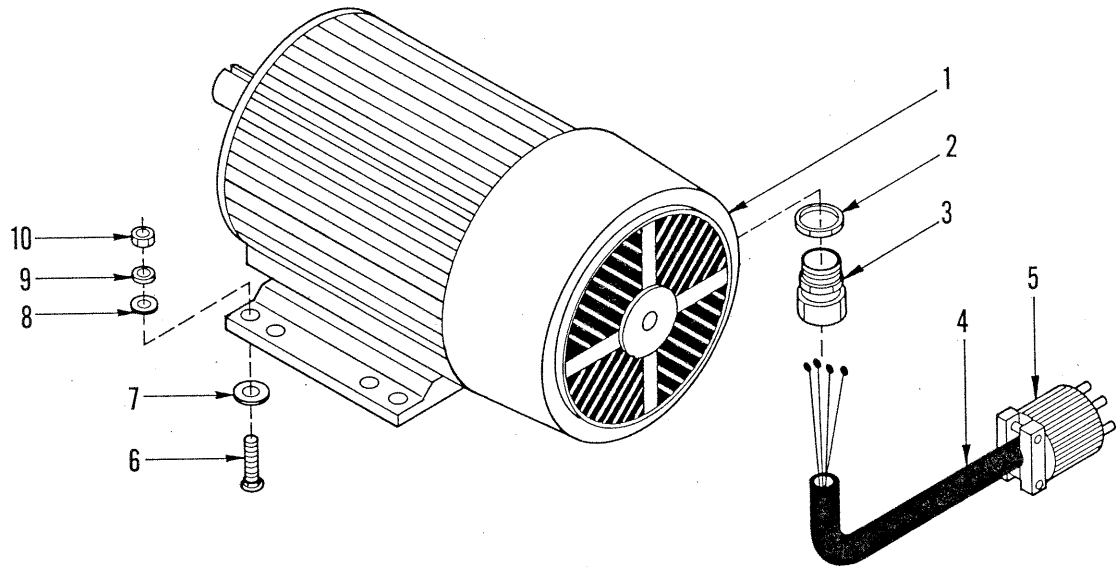
| Item # | Part # | Description | Qty. |
|---|---|---|---|
| 1. | C66025 | Handle Bar | 1 |
| 2. | 10608 | Grip, Hand 1" AT-Style | 2 |
| 3. | 10394 | Screw, Self-Tap #8 x 1/2 | 4 |
| 4. | 10461 | Washer, Int. Tooth #8 | 4 |
| 5. | C66027 | Cover, Switch Box | 1 |
| *6. | 10790 | Nut, Conduit Lock 1/2"NPT | 2 |
| 7. | 40066 | Connector, Strain Relief 1/2 NPT, Range .350 to .450 | 2 |
| 8. | C66028 | Wire Harness 16/3 x 20"LOA | 1 |
| 9. | C66029 | Starter Box | 1 |
| 10. | 10602 | Washer, Flat 1/4 | 4 |
| 11. | 10038 | Washer, Lock 1/4 | 4 |
| 12. | 10018 | Screw, Cap 1/4-20 x 3/4 | 4 |
| *13. | 10740 | Nut, Conduit Lock 3/4 NPT | 1 |
| 14. | 10605 | Connector, Strain Relief 3/4 NPT, Range .650 to .750 | 1 |
| 15. | C66031 | Wire Harness 12/4 x 24"LOA | 1 |
| 16. | 16114 | Plug 20A/480V (Twistlock) | 1 |
| 17. | 16115 | Connector 20A/480V (Twistlock) | 1 |
| *18. | 10740 | Nut, Conduit Lock 3/4 NPT | 1 |
| 19. | 10605 | Connector, Strain Relief 3/4 NPT, Range .650 to .750 | 1 |
| 20. | C66032 | Wire Harness 12/4 x 22"LOA | 1 |
| 21. | 16115 | Connector 20A/480V (Twistlock) | 1 |
| 22. | 10029 | Screw, Cap 3/8-24 x 1-3/4 | 1 |
| 23. | 10025 | Washer, Flat 3/8 | 2 |
| 24. | 10811 | Washer, Lock 3/8 | 1 |
| 25. | 10004 | Nut, Lock 3/8-24 | 1 |

* Not shown in actual location




## ILLUSTRATION 3: SWITCH BOX ASSEMBLY (ELECTRIC MODEL ONLY)

| Item # | Part # | Description | Qty. |
|---|---|---|---|
| 1. | C66025 | Handle Bar (See Illustration #2) | 1 |
| 2. | 10988 | Grip, Flat 1/2 x 3-1/2 | 1 |
| 3. | C66033 | Lever, Switch | 1 |
| 4. | 10015 | Nut, Lock 1/4-20 | 1 |
| 5. | 10602 | Washer, Flat 1/4 | 3 |
| 6. | 10314 | Screw, Cap 1/4-20 x 1-3/4 | 1 |
| 7. | 78117 | Switch, Micro 20A/125-250V | 1 |
| 8. | 10462 | Nut 8-32 | 2 |
| 9. | 10461 | Washer, Int. Tooth #8 | 2 |
| 10. | C66034 | Spacer, Copper | 2 |
| 11. | 10319 | Screw, Mach. 8-32 x 1-1/2 | 2 |
| 12. | C66035 | Stud 1/4-20 x 1 | 2 |
| 13. | 10013 | Nut 1/4-20 | 2 |
| 14. | 10015 | Nut, Lock 1/4-20 | 1 |
| 15. | 10602 | Washer, Flat 1/4 | 2 |
| 16. | 10031 | Screw, Cap 1/4-20 x 1 | 1 |
| 17. | C66036 | Spring, Comp. 3/8"OD x 1-1/2"L | 1 |




## ILLUSTRATION 4: MOTOR ASSEMBLY

| Item # | Part # | Description | Qty. |
|---|---|---|---|
| 1. | 16018 | Motor, U.S. Motors 5HP-3PH | 1 |
| *2. | 10740 | Nut, Conduit Lock 3/4 NPT | 1 |
| 3. | 10605 | Connector, Strain Relief 3/4 NPT, Range .650 to .750 | 1 |
| 4. | C66037 | Wire Harness 12/4 x 12"LOA | 1 |
| 5. | 16114 | Plug 20A/480V (Twistlock) | 1 |
| 6. | 10320 | Bolt, Carr. 3/8-16 x 1-1/4 | 4 |
| 7. | 10040 | Washer, Garret 17/32 | 4 |
| 8. | 10025 | Washer, Flat 3/8 | 4 |
| 9. | 10811 | Washer, Lock 3/8 | 4 |
| 10. | 10404 | Nut 3/8-16 | 4 |

* Not shown in actual location

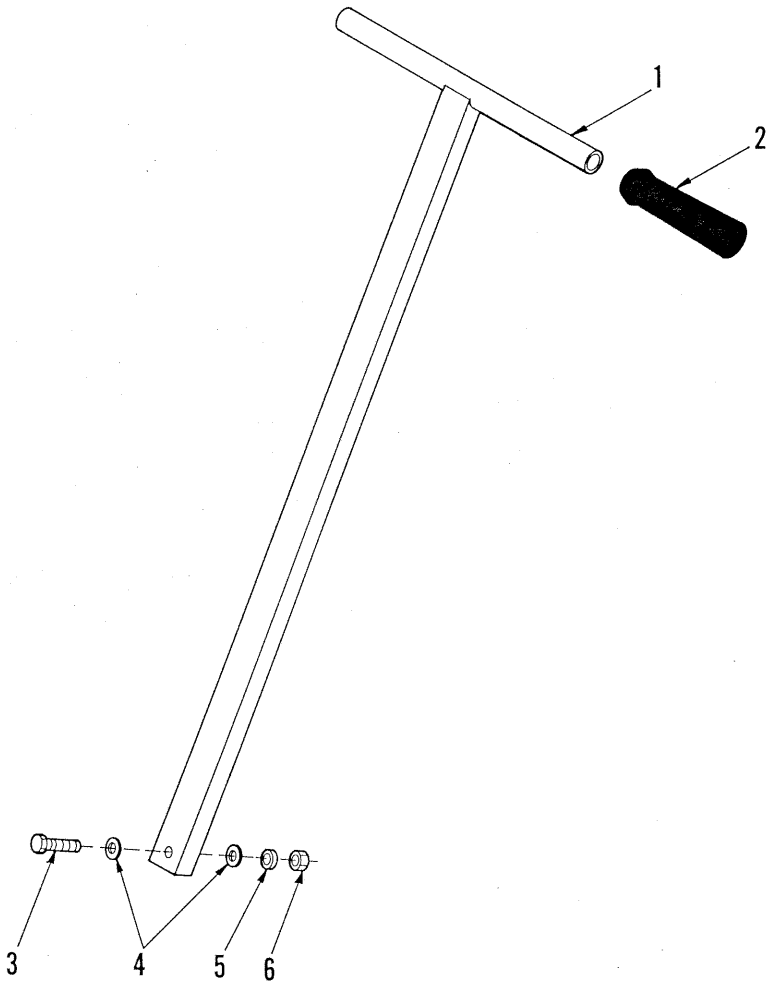
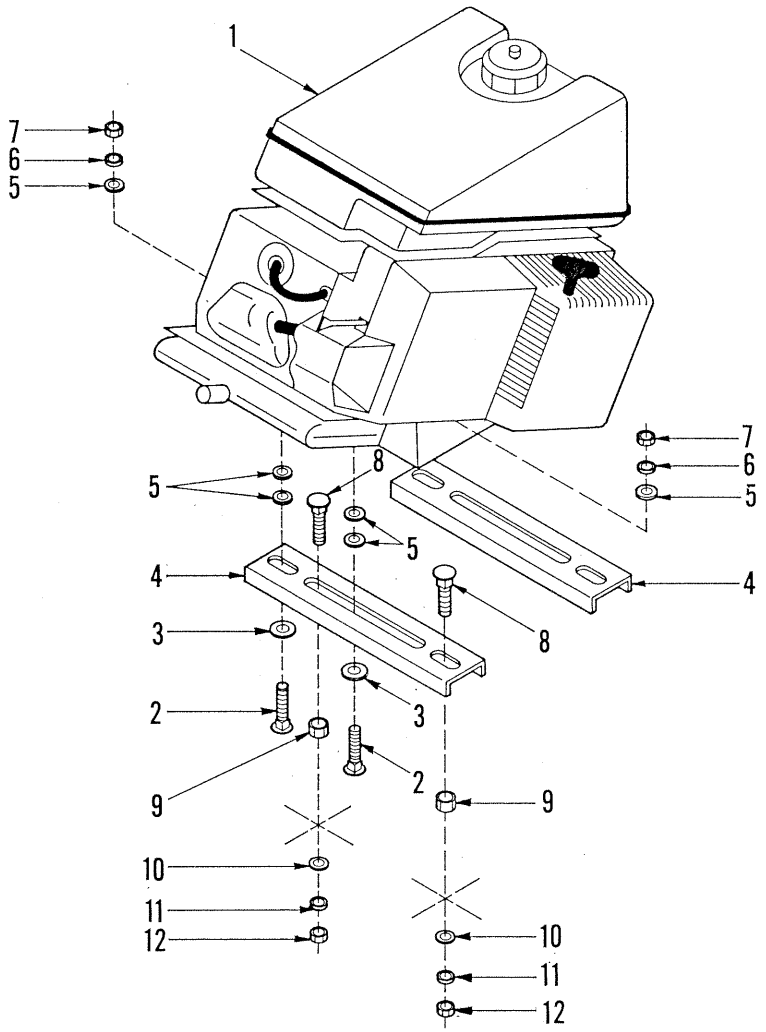



ILLUSTRATION 5: HANDLE BAR ASSEMBLY
(GASOLINE MODEL ONLY)

| Item # | Part # | Description | Qty. |
|---|---|---|---|
| 1. | C66038 | Handle Bar | 1 |
| 2. | 10608 | Grip, Hand 1" AT-Style | 2 |
| 3. | 10029 | Screw, Cap 3/8-24 x 1-3/4 | 1 |
| 4. | 10025 | Washer, Flat 3/8 | 2 |
| 5. | 10811 | Washer, Lock 3/8 | 1 |
| 6. | 10004 | Nut, Lock 3/8-24 | 1 |




## ILLUSTRATION 6: ENGINE ASSEMBLY

| Item # | Part # | Description | Qty. |
|---|---|---|---|
| 1. | 15025 | Engine, Kohler 5 HP Command | 1 |
| 2. | 10804 | Bolt, Carr. 3/8-16 x 1-1/2 | 4 |
| 3. | 10040 | Washer, Garret 17/32 | 4 |
| 4. | C66039 | Bracket, Engine Mount | 2 |
| 5. | 10025 | Washer, Flat 3/8 | 12 |
| 6. | 10811 | Washer, Lock 3/8 | 4 |
| 7. | 10404 | Nut 3/8-16 | 4 |
| 8. | 10804 | Bolt, Carr. 3/8-16 x 1-1/2 | 4 |
| 9. | 10417 | Nut 1/2-13 | 4 |
| 10. | 10025 | Washer, Flat 3/8 | 4 |
| 11. | 10811 | Washer, Lock 3/8 | 4 |
| 12. | 10404 | Nut 3/8-16 | 4 |

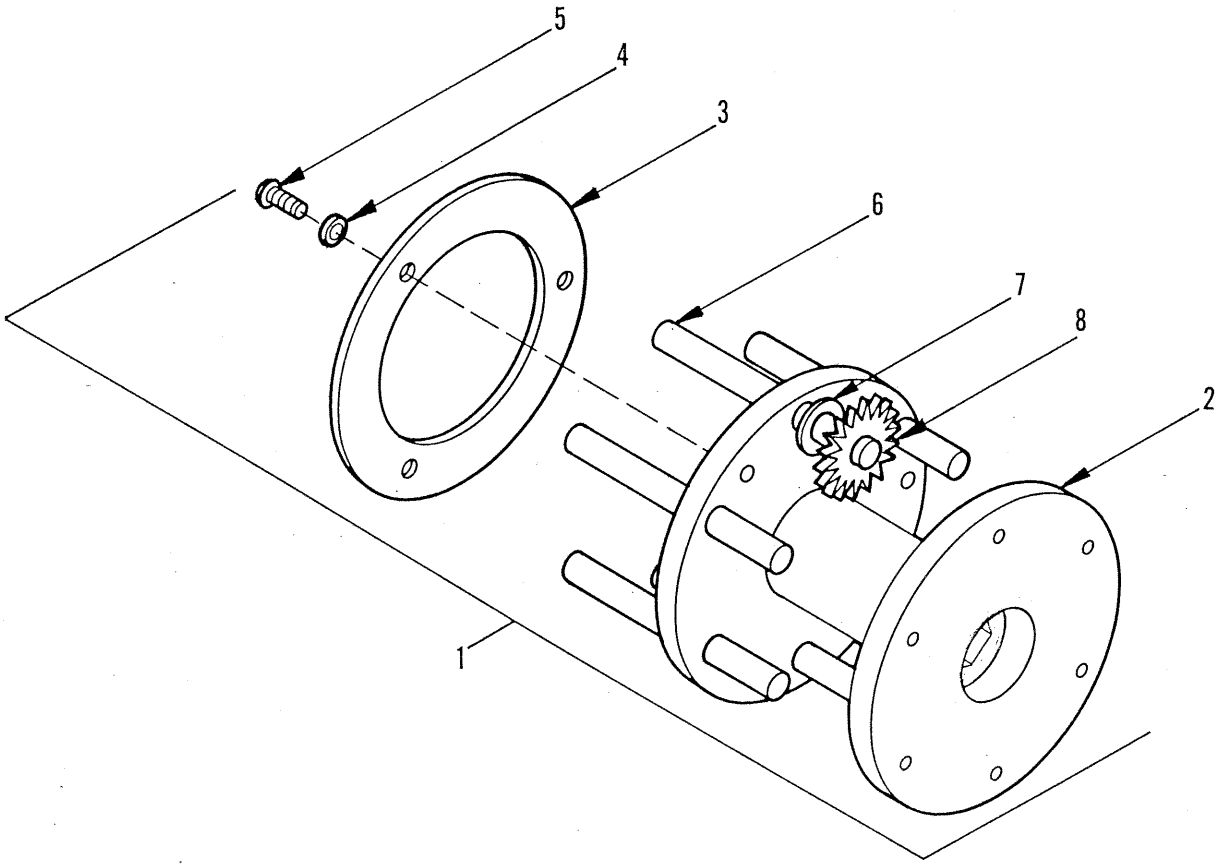



ILLUSTRATION 7: CUTTER DRUM ASSEMBLY

| Item # | Part # | Description | Qty. |
|---|---|---|---|
| 1. | C66040 | Drum Assembly (Items 2 thru 5) | |
| 2. | C66041 | Drum Only, Cutter 4"Wide | 1 |
| 3. | C66042 | Retaining Plate, Cutter Shaft | 1 |
| 4. | 10801 | Washer, Lock 5/16 | 3 |
| 5. | 10627 | Screw, S.B.H.C. 5/16-18 x 3/4 | 3 |
| 6. | C66043 | CP410 Shaft 1/2 x 5-1/16"L | 6 |
| 7. | 12230 | CG227 Spacer 1/2"ID | * |
| 8. | 12206 | JRS501-P Cutter Wheel | * |

* NOTE: Number of Cutters and Spacers vary with type of set-up used.

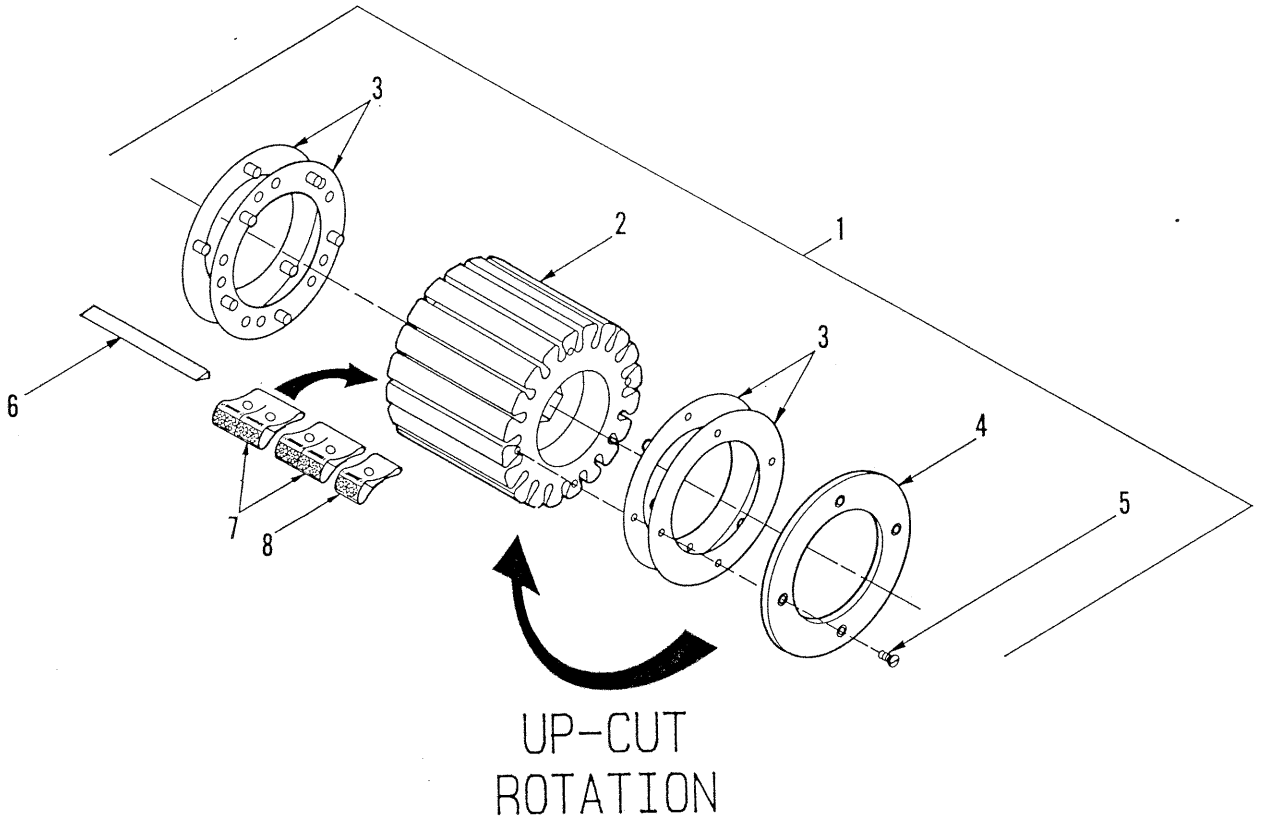



ILLUSTRATION 8: ROTO-PEEN FLAP DRUM ASSEMBLY

| Item # | Part # | Description | Qty. |
|---|---|---|---|
| 1. | C66050 | Drum Assembly (Includes Items 2 thru 6) | |
| 2. | C66051 | Drum Only 5-1/4" | 1 |
| 3. | 25050 | Spacer Ring Set (#1 & 2) | 2 |
| 4. | C66052 | Retaining Plate | 1 |
| 5. | 10628 | Screw, Flat Hd. 8-32 x 1/2 | 4 |
| 6. | C66054 | Keeper Strip 5" | 20 |
| 7. | 25020 | Flap 2 inch, B-Type | * |
| 8. | 25010 | Flap 1 inch, B-Type | * |

* Note: Number of Flaps vary with type of set-up used.
Flaps are not included with Drum Assembly.

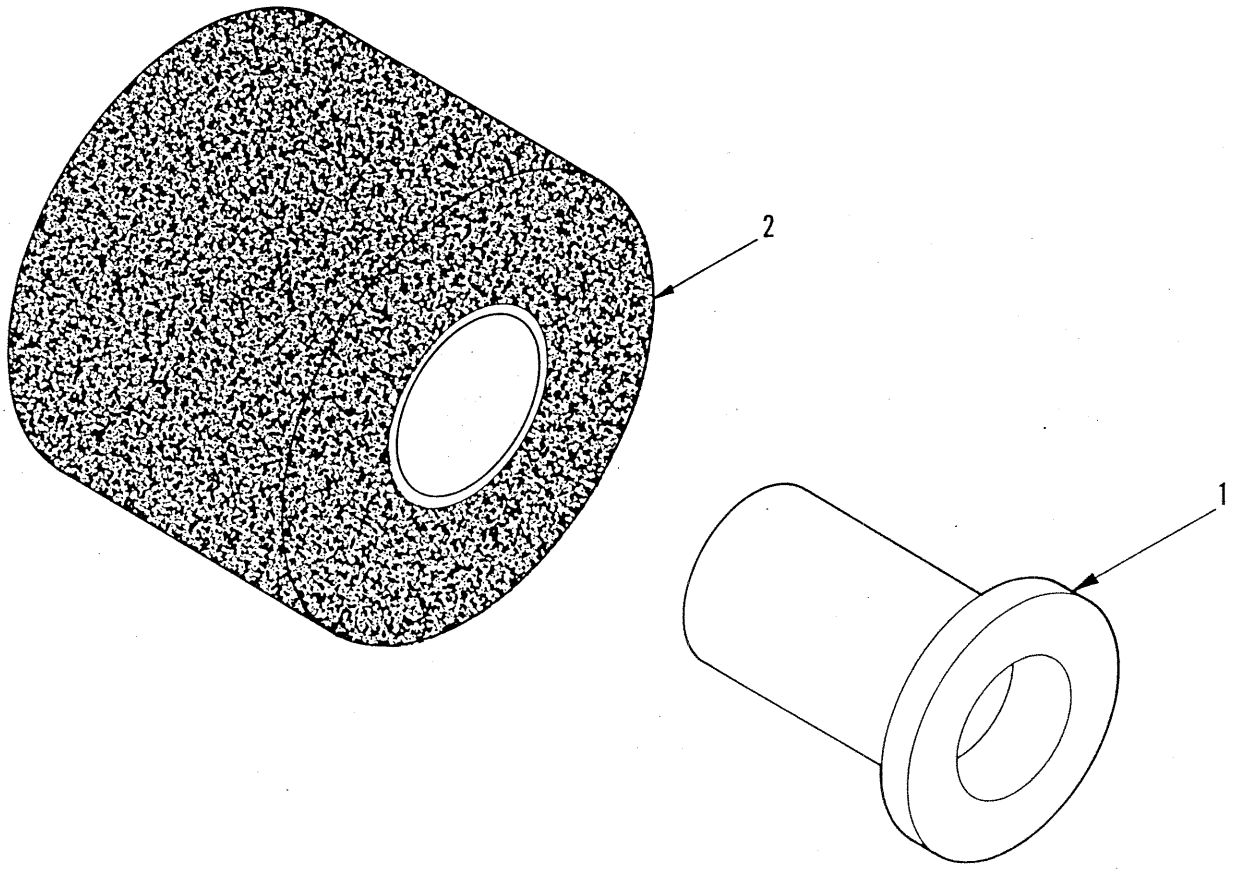



ILLUSTRATION 9: OPTIONAL ACCESSORY HUB

| Item # | Part # | Description | Qty. |
|---|---|---|---|
| 1. | C66060 | Hub, Accessory | 1 |
| 2. | C66066 | Brush Wheel 7"D x 5-1/4"L | 1 |