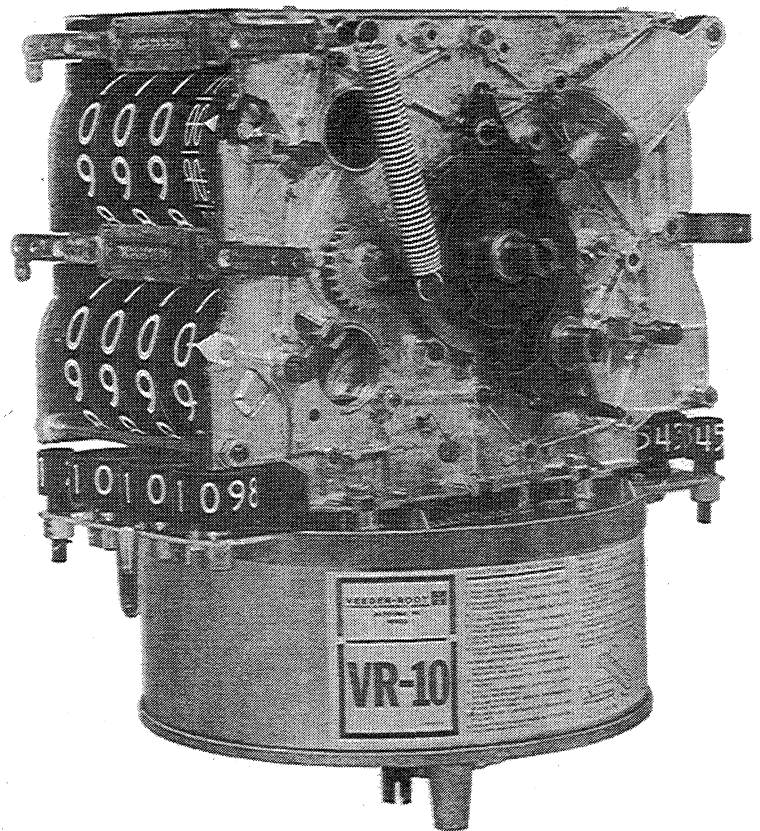


# Parts List

MODEL  
VR-10  
COMPUTER  
4 WHEEL  
(2:1 Ratio)

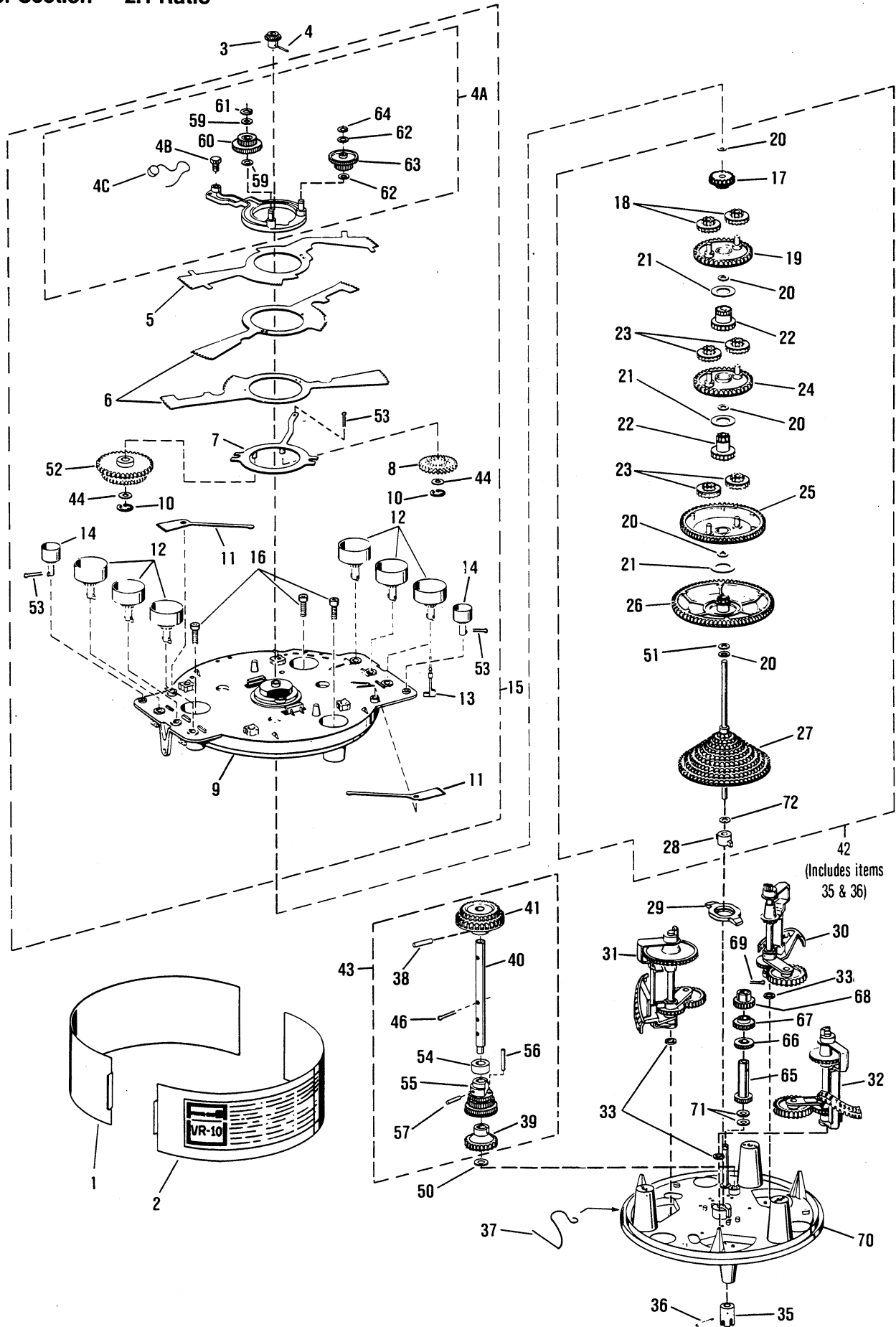
Technical Manual  
1-017  
Issued: 9/00  
Supersedes: 6/96

No. 251925 Rev. C



**VEEDER-ROOT**   
Petroleum Products

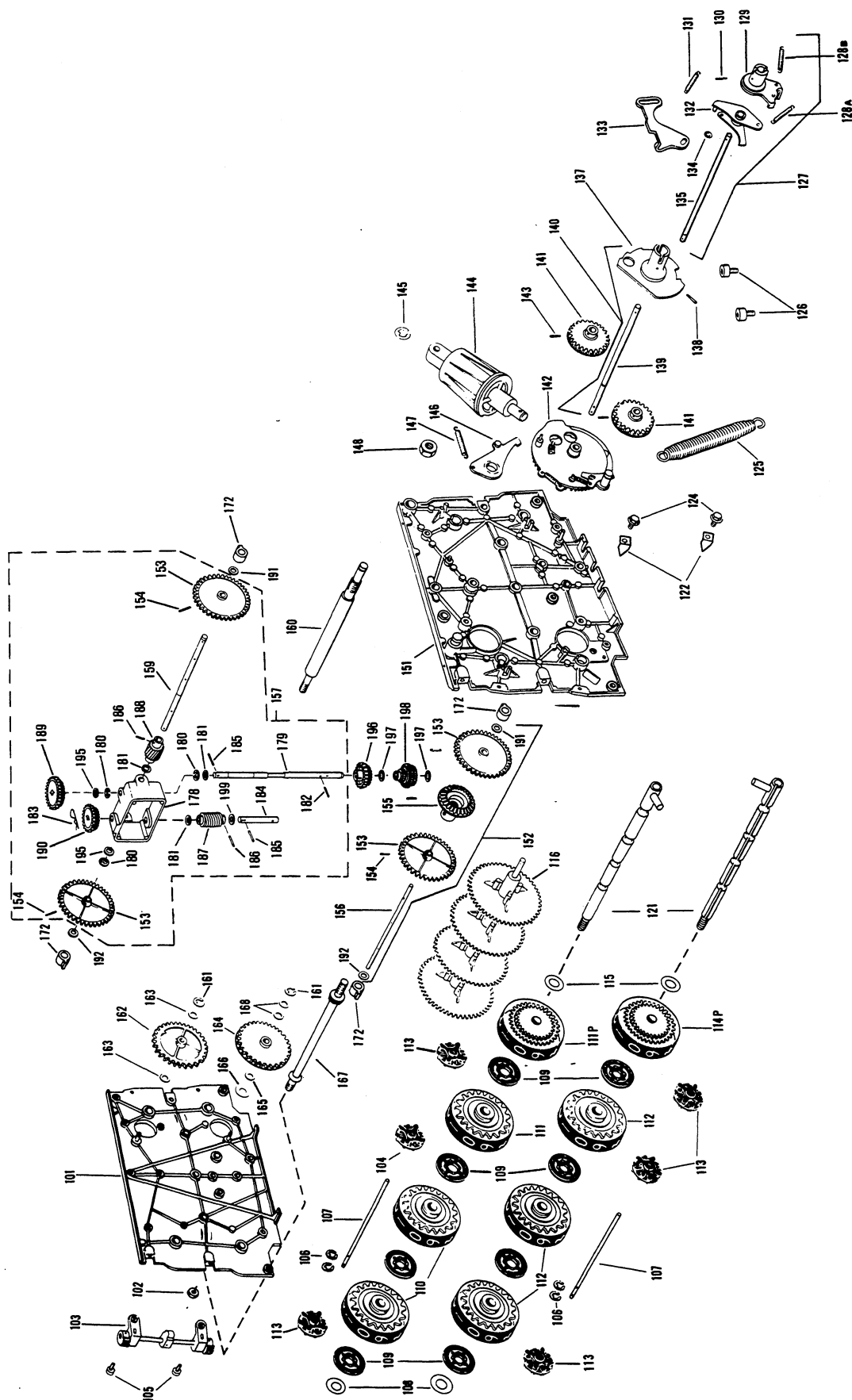
# Variator Section — 2:1 Ratio



## 2:1 Ratio

| ITEM NO. | U.S. PART NO. | U.K. PART NO. | DESCRIPTION                                                                             | QUANTITY |
|----------|---------------|---------------|-----------------------------------------------------------------------------------------|----------|
| 1        | 313934-010    | 2071-087      | Sliding Band                                                                            | 1        |
| 2        | G326811-009   |               | Printed Door Group (VR-10)                                                              | 1        |
| 3        | 324333-001    | 3071-560      | Quantity Bevel Pinion (2:1 Ratio)                                                       | 1        |
| 4        | 510106-002    | 4606-010      | Groove Pin                                                                              | 1        |
| 4A       | G327768-001   |               | Shift Lever Group (Includes 59 thru 64)                                                 | 1        |
| 4B       | 503352-001    |               | Screw — 1/4-20 x 3/4 Hex. HD. W/Hole                                                    | 1        |
| 4C       | 513600-1-005  | 7779-806      | Seal & Seal Wire                                                                        | 1        |
| 5        | 313944-010    | 3571-027      | Link Gear — Price                                                                       | 1        |
| 6        | 313943-010    | 3571-095      | Link Gear — Price                                                                       | 2        |
| 7        | G326213-001   | 326213-001    | Price Link Group                                                                        | 1        |
| 8        | G326217-001   | 326217        | Idler Gear Group — \$1                                                                  | 1        |
| 9        | G326222-001   |               | Upper Base Group                                                                        | 1        |
| 10       | 511810-001    | 4010-014      | Retaining Ring                                                                          | 2        |
| 11       | 325449-001    |               | Lever Dollar Price Indicator                                                            | 2        |
| 12       | 313935-042    | 7771-906      | 1/10¢, 1¢ & 10¢ Price Wheel Group (Includes 13)                                         | 6        |
| 13       | 317028-001    | 4571-050      | Detent                                                                                  | 6        |
| 14       | 325555-006    | 6571-207      | Wheel Character Display (Figs. 1 thru 5)                                                | 2        |
| 15       | 326223-006    | 7779-973      | Base Group — Gear & Wheel (Whole Nos.)<br>(Includes 4A thru 14, 44, 52, 53, 59 thru 64) | 1        |
| 16       | 510500-326    | 5471-177      | Screw                                                                                   | 3        |
| 17       | G325477-003   | 7779-749      | Final Drive Compound Gear Group (VR-10)                                                 | 1        |
| 18       | 325439-001    | 3071-541      | Spider Gear                                                                             | 2        |
| 19       | G325462-001   |               | Spider Gear Group                                                                       | 1        |
| 20       | 74800-157     | 6104-023      | Washer (.010" x .250" ID x .405" OD)                                                    | 5        |
| 21       | 885005-906    | 6171-204      | Washer                                                                                  | 3        |
| 22       | 325460-001    | 7779-715      | Intermediate Gear Group                                                                 | 2        |
| 23       | 313963-010    | 3071-148      | Planetary Gear                                                                          | 4        |
| 24       | 325454-001    |               | Gear Group                                                                              | 1        |
| 25       | G313966-010   | 7771-905      | Gear Group Integrator 1¢                                                                | 1        |
| 26       | G326927-001   |               | Gear Group Integrator 1/10¢                                                             | 1        |
| 27       | G313968-014   | 7779-718      | Cone Gear Group                                                                         | 1        |
| 28       | 313980-011    | 1171-092      | Bushing — Keyed                                                                         | 1        |
| 29       | 313983-010    | 4571-049      | Pawl — No Back                                                                          | 1        |
| 30       | G313948-010   | 7771-899      | 1/10¢ Range Arm Group                                                                   | 1        |
| 31       | G325466-001   | 325466-001    | 10¢ Range Arm Group                                                                     | 1        |
| 32       | G325468-001   | 325468-001    | 1¢ Range Arm Group                                                                      | 1        |
| 33       | 11071-735     | 6104-092      | Washer                                                                                  | 3        |
| 35       | 313985-011    | 2401-022      | Coupling                                                                                | 1        |
| 36       | 510122-002    | 4606-013      | Groove Pin 3/32" x 9/16"                                                                | 1        |
| 37       | 325162-001    |               | Retainer — 10¢ Range Arm                                                                | 1        |
| 38       | 510109-001    | 4606-042      | Groove Pin                                                                              | 1        |
| 39       | 326899-001    | 3071-759      | Gear Dollar Drive                                                                       | 1        |
| 40       | 326902-001    |               | Shaft Dollar Drive                                                                      | 1        |
| 41       | 326220-001    |               | Compound Spur Gear                                                                      | 1        |
| 42       | G325438-017   |               | Cone Gear Diff. Group (Includes Items 35 & 36)                                          | 1        |
| 43       | G326227-003   |               | Shaft Group — Dollar Drive                                                              | 1        |
| 44       | 11071-325     | 601-748       | Washer                                                                                  | 2        |
| 46       | 510300-106    | 4611-002      | Cotter Pin                                                                              | 1        |
| 50       | 885005-945    |               | Washer                                                                                  | 1        |
| 51       | 885005-950    |               | Washer                                                                                  | 1        |
| 52       | G326219-001   | 7779-978      | Compound Gear Group                                                                     | 1        |
| 53       | 510300-104    | 4611-006      | Cotter Pin                                                                              | 1        |
| 54       | 327797-001    |               | Spacer                                                                                  | 1        |
| 55       | 327481-001    |               | Gear — Compound                                                                         | 1        |
| 56       | 511510-218    |               | Pin — Dowel                                                                             | 1        |
| 57       | 510112-001    | 4606-014      | Pin — Groove                                                                            | 1        |
| 59       | 11071-325     | 601-748       | Washer                                                                                  | 2        |
| 60       | 327563-001    |               | Gear — 1/10¢ Idler                                                                      | 1        |
| 61       | 511810-001    | 4010-014      | Ring — Retaining                                                                        | 1        |
| 62       | 11071-321     | 6171-017      | Washer                                                                                  | 2        |
| 63       | 327562-001    | 327562-001    | Gear-1-Idler                                                                            | 1        |
| 64       | 511807-001    | 4010-007      | Ring — Retaining                                                                        | 1        |
| 65       | 327422-001    |               | Gear — 14 Tooth (Green)                                                                 | 1        |
| 66       | 327423-001    |               | Gear — 21 Tooth (White)                                                                 | 1        |
| 67       | 327424-001    |               | Gear — 28 Tooth (Red)                                                                   | 1        |
| 68       | 327425-001    |               | Gear — 35 Tooth (Black)                                                                 | 1        |
| 69       | 510300-104    | 4611-006      | Cotter Pin                                                                              | 1        |
| 70       | G325455-003   |               | Lower Base Group                                                                        | 1        |
| 71       | 11071-147     |               | Washer                                                                                  | 1        |
| 72       | 74800-252     | 6104-211      | Washer                                                                                  | 1        |

**Counter Section**  
**Front (Totalizer) Side**  
**Two-Handle Control**  
**2:1 Ratio**

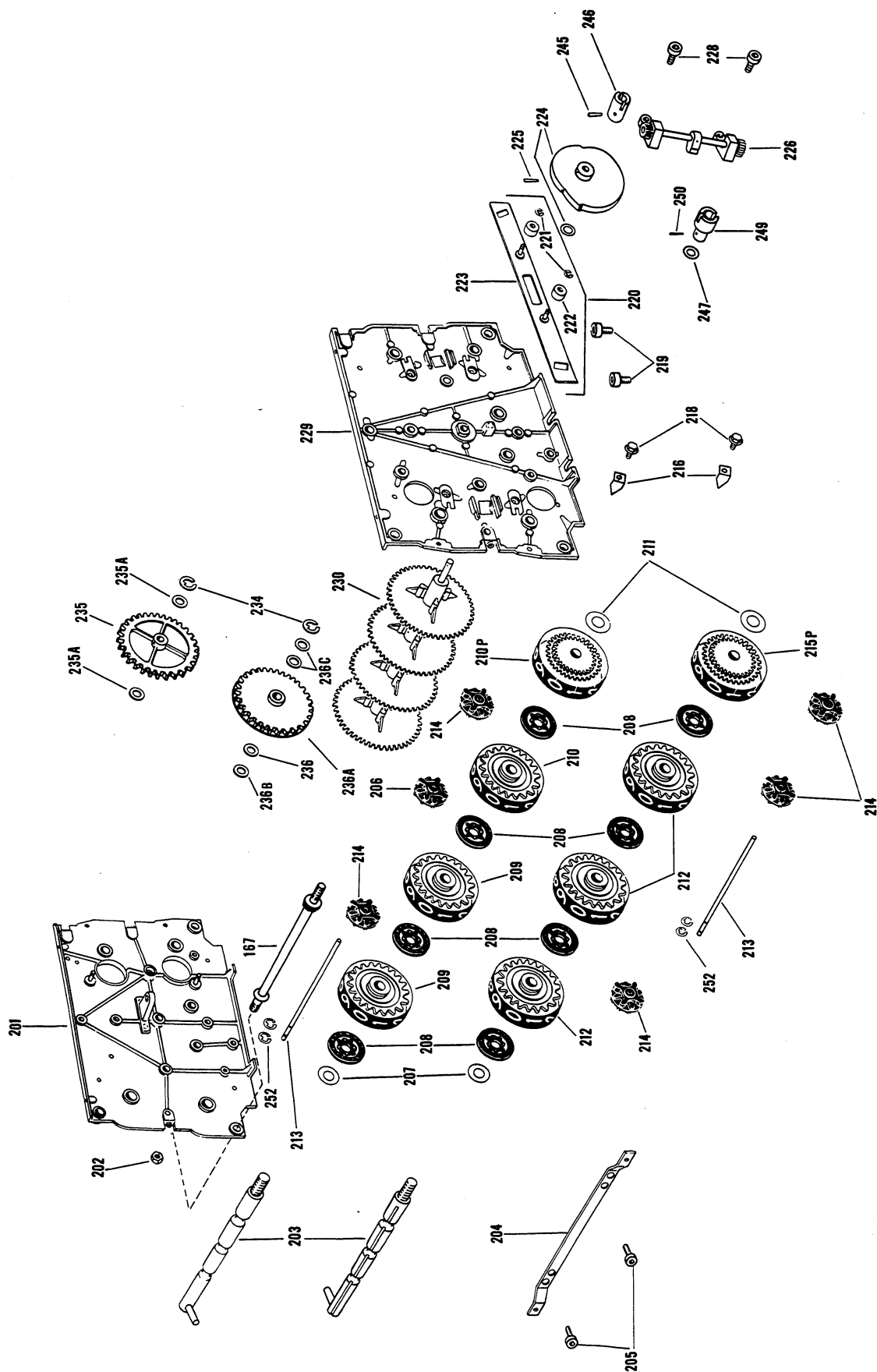


| ITEM NO. | U.S. PART NO.                                     | U.K. PART NO. | DESCRIPTION                            | QUANTITY |
|----------|---------------------------------------------------|---------------|----------------------------------------|----------|
| 101      | See 229                                           | See 229       | Left Hand Frame Group                  | 1        |
| 102      | 511000-245                                        |               | Tie Rod Nut 1/4"-28 w/Lockwasher       | 3        |
| 103      | G77062-015                                        | 7130-004      | Rocker Shaft Assy.                     | 1        |
| 104      | 73154-016                                         | 4371-021      | Pinion                                 | 1        |
| 105      | 510500-328                                        | 5471-175      | Screw                                  | 2        |
| 106      | 511807-001                                        | 4010-007      | Retaining Ring                         | 4        |
| 107      | 329409-001                                        | 5573-126      | Pinion Shaft                           | 2        |
| 108      | 74800-167                                         |               | Washer .020"                           | As Req.  |
|          | 74800-201                                         | 6104-087      | Washer .010"                           | As Req.  |
|          | 74800-203                                         | 6104-088      | Washer .015"                           | As Req.  |
|          | 74800-205                                         | 74800-205     | Washer .025"                           | As Req.  |
|          | 74800-207                                         | 74800-207     | Washer .030"                           | As Req.  |
|          | 74800-209                                         | 74800-209     | Washer .035"                           | As Req.  |
|          | 885005-793                                        |               | Washer .005"                           | As Req.  |
| 109      | G77481-006                                        | 7188-002      | Reset Disc Pinion Group                | 8        |
| •110     |                                                   |               | Rev. Mid. & Left Money Wheel           | 2        |
| •111     |                                                   |               | Rev. 2nd Money Wheel                   | 1        |
| •111P    |                                                   |               | Rev. R. H. Money Pulser Wheel          | 1        |
| •112     |                                                   |               | Rev. Mid. & Left Quant. Wheel          | 3        |
| 113      | 73154-016                                         | 4371-021      | Pinion                                 | 5        |
| •114P    | Contact Vee-Rod with Form Number of Your Computer |               | Rev. Right Hand Quant. Pulser Wheel    | 1        |
| 115      | 74800-201                                         | 6104-087      | Washer                                 | 2        |
| 116      | G310763-110                                       | 7771-370      | Rev. Reset Gear Group                  | 1        |
| 121      | G77070-015                                        | 7778-037      | Rev. Wheel Shaft Group                 | 2        |
| 122      | 33620-082                                         | 4018-008      | Pointer (White)                        | 2        |
| 124      | 510500-330                                        | 5405-026      | Pointer Screw                          | 2        |
| 125      | 14427-598                                         | 5202-090      | Reset Spring                           | 1        |
| 126      | 510500-325                                        | 5471-419      | Screw                                  | 2        |
|          | 405471-416                                        | 5471-416      | Screw With Hole Thru Head              | 2        |
| 127      | G78497-030                                        | 7778-747      | Trip Lever Reset Assy. (Inc. 128A-135) | 1        |
| 128A     | 14427-673                                         | 5202-073      | Trip Lever Spring (Light)              | 1        |
| 128B     | 14427-714                                         | 5202-076      | Trip Lever Spring (Heavy)              | 1        |
| 129      | G77803-010                                        | 7181-002      | Trip Lever Reset Group                 | 1        |
| 130      | 510125-001                                        | 4606-029      | Groove Pin 3/32" x 11/16"              | 1        |
| 131      | 14427-614                                         | 5202-071      | Stop Pawl Spring                       | 1        |
| 132      | 77034-010                                         | 77034-010     | Stop Pawl Hub Assy.                    | 1        |
| 133      | 77830-012                                         | 4506-004      | Trip Lever Lock Pawl                   | 1        |
| 134      | 511807-001                                        | 4010-007      | Retaining Ring                         | 1        |
| 135      | 76855-020                                         | 5522-038      | Trip Lever Shaft                       | 1        |
| 137      | 86685-005                                         | 7031-010      | Shaft Cam                              | 1        |
| 138      | 510105-178                                        | 4606-038      | Groove Pin 1/8" x 11/16"               | 1        |
| 139      | 86661-010                                         | 5571-113      | Center Shaft                           | 1        |
| 140      | G86699-010                                        | 7771-251      | Reset Driven Gear                      | 1        |
| 141      | 76751-005                                         | 3006-116      | Reset Driven Gear Assy.                | 2        |
| 142      | G86672-006                                        |               | Reset Latch Pawl Spring                | 1        |
|          | 310300-257                                        | 5202-080      | External Spring                        | 1        |
|          | 310300-257                                        | 5206-025      | Internal Spring                        | 1        |
|          | 76978-005                                         | 4506-003      | Reset Latch Pawl                       | 1        |
|          | 511807-001                                        | 4010-007      | Retaining Ring                         | 1        |
| 143      | 510100-044                                        | 4602-020      | Groove Pin 3/32" x 5/8"                | 1        |
| 144      | G77053-010                                        | 7245-005      | Dash Pot Group                         | 1        |
| 145      | 511819-001                                        | 4010-016      | Retaining Ring                         | 1        |
| 146      | G77368-005                                        | 7095-012      | Ratchet Stop Pawl Group                | 1        |
| 147      | 14427-842                                         |               | Ratchet Stop Pawl Spring               | 1        |

• NOTE: Wheels are a variable feature, please contact Sales Department.

| ITEM NO. | U.S. PART NO.                                                                                 | U.K. PART NO. | DESCRIPTION                            | QUANTITY |
|----------|-----------------------------------------------------------------------------------------------|---------------|----------------------------------------|----------|
| 148      | 511000-246                                                                                    |               | Nut (Large tie rod) w/Lockwasher       | 1        |
| 151      | G322420-009                                                                                   |               | Right Hand Frame Group                 | 1        |
| 152      | G327475-001                                                                                   | 7780-829      | Lower Drive Assy. (Inc. 153-156)       | 1        |
| 153      | 76765-005                                                                                     | 3071-550      | Gear                                   | 4        |
| 154      | 510114-001                                                                                    | 4606-001      | Groove Pin 5/64" x 9/16"               | 5        |
| 155      | 327474-001                                                                                    | 3005-046      | Lower Bevel Drive Gear                 | 1        |
| 156      | 318701-002                                                                                    | 5573-150      | Lower Drive Shaft Ext. 360             | 1        |
| 157      | *G327577-001                                                                                  | 7780-743      | Upper Drive Assy. (For 1 Transfer Whl) | 1        |
|          | □G327577-003                                                                                  |               | Upper Drive Assy. (For 4 Transfer Whl) | 1        |
|          | △G327577-005                                                                                  |               | Upper Drive Assy. (For 2 Transfer Whl) | 1        |
| 159      | †327552-001                                                                                   |               | Upper Drive Shaft Ext. 360             | 1        |
| 160      | 77005-010                                                                                     | 6001-005      | Large Tie Rod                          | 1        |
| 161      | 511810-001                                                                                    | 4010-014      | Retaining Ring                         | 1        |
| 162      | 76764-007                                                                                     |               | Idle Gear, Group, Money                | 1        |
| 163      | 11071-325                                                                                     | 601-748       | Washer .010"                           | As Req.  |
|          | 11071-791                                                                                     |               | Washer .015"                           | As Req.  |
|          | 11071-333                                                                                     | 11071-333     | Washer .020"                           | As Req.  |
| 164      | G325961-001                                                                                   |               | Idle Gear Group, Quantity              | 1        |
| 165      | 11071-325                                                                                     | 601-748       | Washer                                 | 1        |
| 166      | 74800-535                                                                                     |               | Washer, Bowd                           | 1        |
| 167      | 27719-115                                                                                     | 6001-004      | Tie Rod                                | 3        |
| 168      | 11071-325                                                                                     | 601-748       | Washer                                 | 2        |
| 172      | 884008-635                                                                                    | 1171-284      | Bushing                                | 4        |
| 178      | G327559-001                                                                                   |               | Housing Group                          | 1        |
| 179      | 327551-001                                                                                    |               | Vertical Money Shaft                   | 1        |
| 180      | 511810-001                                                                                    | 4010-014      | Retaining Ring                         | 3        |
| 181      | 11071-479                                                                                     | 6104-027      | Washer (.031" Thick)                   | 3        |
| 182      | 510157-001                                                                                    | 4606-016      | Pin — Groove                           | 1        |
| 183      | 514100-275                                                                                    |               | Pin — Hitch                            | 1        |
| 184      | 327557-001                                                                                    |               | Idle Shaft                             | 1        |
| 185      | 510157-001                                                                                    | 4606-016      | Pin — Groove (.062" x .375" Long)      | 2        |
| 186      | 510111-001                                                                                    | 4606-007      | Pin — Groove (.078" x .437" Long)      | 2        |
| 187      | 327554-001                                                                                    |               | Gear — Worm                            | 1        |
| 188      | 327553-001                                                                                    |               | Gear — Helical                         | 1        |
| 189      | 327555-001                                                                                    |               | Gear — Compound (27T & 36T) (Black)    | 1        |
| 190      | 327556-001                                                                                    |               | Gear — Compound (18T & 27T) (Natural)  | 1        |
| 191      | 11071-205                                                                                     | 6104-166      | Washer                                 | 2        |
| 192      | 11071-205                                                                                     | 6104-166      | Washer                                 | As Req.  |
|          | 11071-791                                                                                     |               | Washer                                 | As Req.  |
| 195      | 11071-803                                                                                     | 601-148       | Washer                                 | As Req.  |
|          | 11071-325                                                                                     | 601-748       | Washer                                 | As Req.  |
|          | 11071-791                                                                                     |               | Washer                                 | As Req.  |
|          | 11071-479                                                                                     |               | Washer                                 | As Req.  |
|          | 11071-333                                                                                     | 6104-027      | Washer                                 | As Req.  |
| 196      | 327561-001                                                                                    | 11071-333     | Gear — Compound (20 & 17 Teeth)        | 1        |
| 197      | 74800-157                                                                                     | 3071-819      | Washer                                 | 2        |
| 198      | 327525-001                                                                                    | 6104-023      | Gear — Compound (10, 30 & 15 Teeth)    | 1        |
| 199      | 11071-803                                                                                     | 3071-824      | Washer                                 | As Req.  |
|          | 11071-325                                                                                     | 601-148       | Washer                                 | As Req.  |
|          | 11071-479                                                                                     | 601-748       | Washer                                 | As Req.  |
|          | 885005-050                                                                                    | 6104-027      | Washer                                 | As Req.  |
|          | 11071-333                                                                                     | 6104-192      | Washer                                 | As Req.  |
|          |                                                                                               | 11071-333     | Washer                                 | As Req.  |
| † NOTE:  | On Thru-Shaft Rotary Reset Computers, Upper Drive Shaft Will Be Extended One Side Only.       |               |                                        |          |
|          | Shaft No. 327584-001.                                                                         |               |                                        |          |
| * NOTE:  | On Thru-Shaft Rotary Reset Computers, Upper Drive Shaft Group Will Be Extended One Side Only. |               |                                        |          |
|          | Shaft Group No. G327577-002.                                                                  |               |                                        |          |
| □ NOTE:  | On Thru-Shaft Rotary Reset Computers, Upper Drive Shaft Group Will Be Extended One Side Only. |               |                                        |          |
|          | Shaft Group No. G327577-004.                                                                  |               |                                        |          |
| △ NOTE:  | On Thru Shaft Rotary Reset Computers, Upper Drive Shaft Group Will Be Extended One Side Only. |               |                                        |          |
|          | Shaft Group No. G327577-013.                                                                  |               |                                        |          |

**Counter Section**  
 Rear Side  
 Two-Handle Control  
 2:1 Ratio

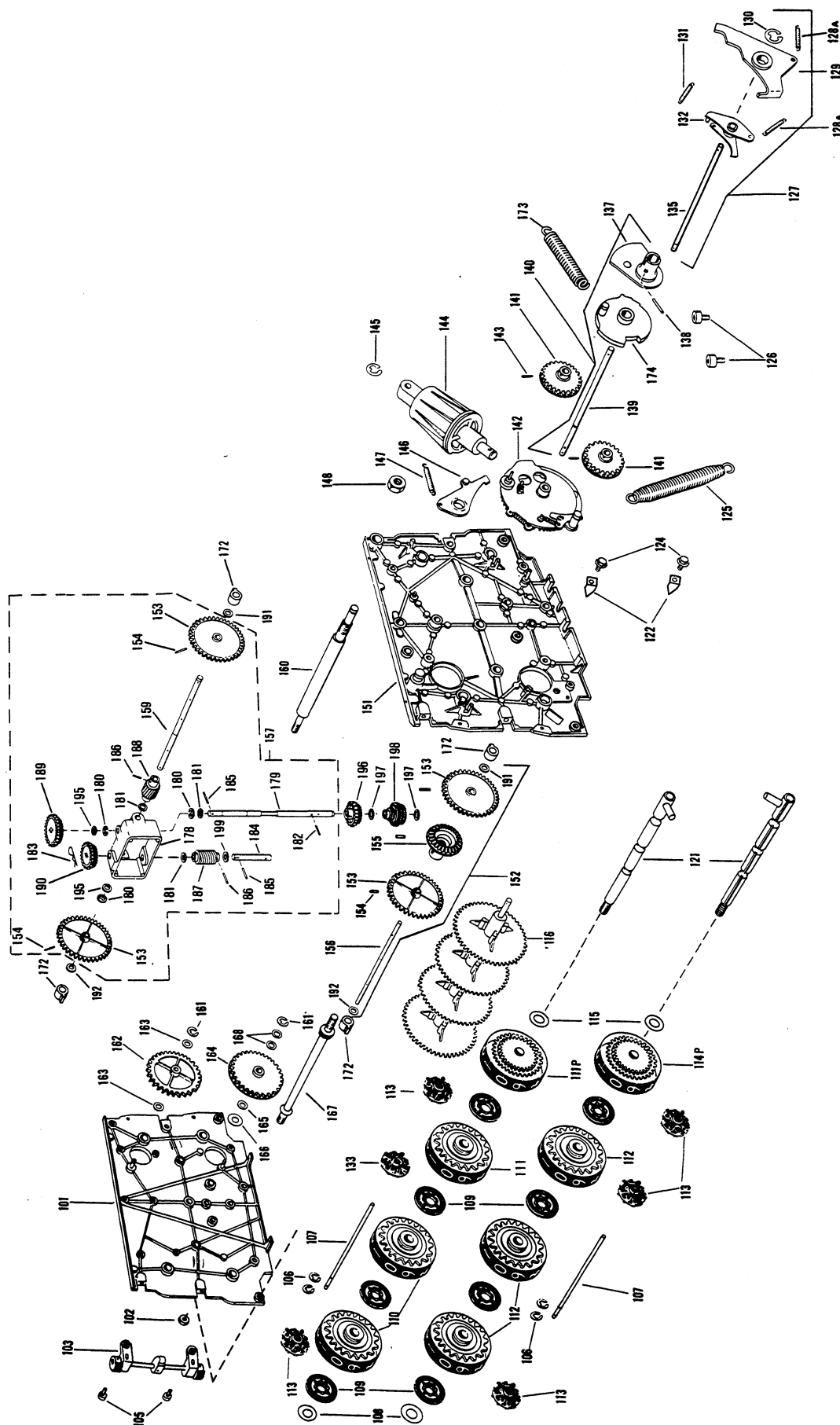


| ITEM NO. | U.S. PART NO.                                         | U.K. PART NO. | DESCRIPTION                    | QUANTITY |
|----------|-------------------------------------------------------|---------------|--------------------------------|----------|
| 201      | See 151                                               | See 151       | Right Hand Frame Group         | 1        |
| 202      | 511000-245                                            |               | Tie Rod Nut w/Lockwasher       | 4        |
| 203      | G77070-020                                            | 7778-038      | Reg. Wheel Shaft Group         | 2        |
| 204      | 73217-011                                             | 1308-008      | Dial Bracket                   | 1        |
| 205      | 510500-329                                            | 5471-176      | Screw                          | 2        |
| 206      | 73154-016                                             | 4371-021      | Pinion                         | 1        |
| 207      | See Item 108                                          | See Item 108  | Washer                         |          |
| 208      | G77481-006                                            | 7188-002      | Reset Disc Pinion Group        | 8        |
| •209     | Contact Veeder-Root with Form Number of your Computer |               | Reg. Mid. & Left Money Wheel   | 2        |
| •210     | Contact Veeder-Root with Form Number of your Computer |               | Reg. 2nd Money Wheel           | 1        |
| •210P    | Contact Veeder-Root with Form Number of your Computer |               | Reg. R. H. Money Pulser Wheel  | 1        |
| 211      | 74800-201                                             |               | Washer                         | 2        |
| •212     | Contact Veeder-Root with Form Number of your Computer |               | Reg. Mid. & Left Quant. Wheel  | 3        |
| 213      | 329409-001                                            | 5573-126      | Pinion Shaft                   | 2        |
| 214      | 73154-016                                             | 4371-021      | Pinion                         | 5        |
| •215P    | Contact Veeder-Root with Form Number of your Computer |               | Reg. R. H. Quant. Pulser Wheel | 1        |
| 216      | 33620-087                                             | 4018-010      | Pointer (White) Rear           | 2        |
| 218      | 510500-330                                            | 5405-026      | Pointer Screw                  | 2        |
| 219      | 510500-325                                            | 5471-419      | Screw                          | 2        |
|          | 405471-416                                            | 5471-416      | Screw With Hole Thru Head      | 2        |
| 220      | G77821-010                                            | 7247-004      | Reset Slide Assy.              | 2        |
|          |                                                       |               | (Includes Items 221-223)       |          |
| 221      | 511807-001                                            | 4010-007      | Retaining Ring                 | 1        |
| 222      | 76774-006                                             | 4048-003      | Roller                         | 2        |
| 223      | 77061-010                                             | 7247-004      | Slide Bar (only)               | 1        |
| 224      | 86704-006                                             | 2171-021      | Shift Cam                      | 1        |
|          | 885005-281                                            | 6104-032      | Washer                         | As Req.  |
|          | 11071-785                                             | 6171-037      | Washer                         | As Req.  |

• NOTE: Wheels are a variable feature, please contact Sales Department.

| ITEM NO. | U.S. PART NO. | U.K. PART NO. | DESCRIPTION                 | QUANTITY |
|----------|---------------|---------------|-----------------------------|----------|
| 225      | 510100-069    | 600-426       | Groove Pin 1/8" x 29/32"    | 1        |
| 226      | G77062-015    | 7130-004      | Rocker Shaft Assy.          | 1        |
| 227      |               |               | Not Used                    |          |
| 228      | 510500-328    | 5471-175      | Screw                       | 2        |
| 229      | G86743-015    |               | Left Hand Frame Group       | 1        |
| 230      | G310764-110   | 7771-369      | Reg. Reset Gear Group       | 1        |
| 234      | 511810-001    | 4010-014      | Retaining Ring              | 2        |
| 235      | 76764-007     | 3071-830      | Idler Gear, Group.-Money    | 1        |
| 235A     | 11071-325     | 601-748       | Washer .010"                | As Req.  |
|          | 11071-791     |               | Washer .015"                | As Req.  |
|          | 11071-333     | 11071-333     | Washer .020"                | As Req.  |
| 236      | 11071-325     | 601-748       | Washer                      | 1        |
| 236A     | G325961-001   |               | Idler Gear, Group.-Quantity | 1        |
| 236B     | 74800-535     |               | Washer, Bowd                | 1        |
| 236C     | 11071-325     | 601-748       | Washer                      | 2        |
| 245      | 510105-178    | 4606-038      | Groove Pin 1/8" x 11/16"    | 1        |
| 246      | 86662-006     | 2471-005      | Left Center Coupling        | 1        |
| 247      | 74800-023     | 6104-178      | Washer                      | As Req.  |
| 249      | 77769-010     | 2401-008      | Left Trip Coupling          | 1        |
| 250      | 510105-182    |               | Groove Pin                  | 1        |
| 252      | 511807-001    | 4010-007      | Retaining Ring              | 4        |

**Counter Section**  
**Front (Totalizer) Side**  
**Single-Handle Control**  
**2:1 Ratio**





| ITEM NO. | U.S. PART NO.                                     | U.K. PART NO. | DESCRIPTION                            | QUANTITY |
|----------|---------------------------------------------------|---------------|----------------------------------------|----------|
| 101      | See 229                                           | See 229       | Left Hand Frame Group                  | 1        |
| 102      | 511000-245                                        |               | Tie Rod Nut 1/4" x 28"                 | 4        |
| 103      | G77062-015                                        | 7130-004      | Rocker Shaft Assy.                     | 1        |
| 105      | 510500-328                                        | 5471-175      | Screw                                  | 2        |
| 106      | 511807-001                                        | 4010-007      | Retaining Ring                         | 4        |
| 107      | 329409-001                                        | 5573-126      | Pinon Shaft                            | 2        |
| 108      | 74800-167                                         |               | Washer .020"                           | As Req.  |
|          | 74800-201                                         | 6104-087      | Washer .010"                           | As Req.  |
|          | 74800-203                                         | 6104-088      | Washer .015"                           | As Req.  |
|          | 74800-205                                         | 74800-205     | Washer .025"                           | As Req.  |
|          | 74800-207                                         | 74800-207     | Washer .030"                           | As Req.  |
|          | 74800-209                                         | 74800-209     | Washer .035"                           | As Req.  |
|          | 885005-793                                        |               | Washer .005"                           | As Req.  |
| 109      | G77481-006                                        | 7188-002      | Reset Disc Pinion Group                | 8        |
| 110      | Contact Vee-Rod with Form Number of your Computer |               | Rev. Mid. & Left Money Wheel           | 2        |
| 111P     | Contact Vee-Rod with Form Number of your Computer |               | Rev. 2nd Money Wheel                   | 1        |
| 112      | Contact Vee-Rod with Form Number of your Computer |               | Rev. R. H. Money Pulser Wheel          | 1        |
| 113      | 73154-016                                         | 4371-021      | Rev. Mid. & Left Quant. Wheel          | 3        |
| 114P     | Contact Vee-Rod with Form Number of your Computer |               | Pinion                                 | 5        |
| 115      | 74800-201                                         |               | Rev. Right Hand Quant. Pulser Wheel    | 1        |
| 116      | G310763-110                                       | 7771-370      | Washer                                 | 2        |
| 121      | G77070-015                                        | 7778-037      | Rev. Reset Gear Group                  | 1        |
| 122      | 33620-082                                         | 4018-008      | Rev. Wheel Shaft                       | 2        |
| 124      | 510500-330                                        | 5405-026      | Pointer (White) Front                  | 2        |
| 125      | 14427-598                                         | 5202-090      | Pointer Screw                          | 2        |
| 126      | 510500-325                                        | 5471-419      | Reset Spring                           | 1        |
| 127      | 405471-416                                        | 5471-416      | Screw                                  | 2        |
| 128A     | G80745-011                                        | 7778-746      | Screw With Hole Thru Head              | 2        |
| 129      | 14427-673                                         | 5202-073      | Trip Lever Reset Assy. (Inc. 128A-135) | 1        |
| 130      | G80657-005                                        | 7095-018      | Trip Lever Spring                      | 2        |
| 131      | 511844-001                                        | 5202-071      | Trip Lever Reset Group                 | 1        |
| 132      | G77034-015                                        | 7159-008      | Retaining Ring                         | 1        |
| 133      | 73154-016                                         | 4371-021      | Stop Pawl Spring                       | 1        |
| 135      | 76855-050                                         | 5522-062      | Stop Pawl Hub Assy.                    | 1        |
| 137      | G86709-005                                        | 7156-017      | Pinion                                 | 1        |
| 138      | 510105-178                                        | 4606-038      | Trip Lever Shaft                       | 1        |
| 139      | 86661-010                                         | 5571-113      | Arm Group                              | 1        |
| 140      | G86710-010                                        | 7771-252      | Groove Pin 1/8" x 11/16"               | 1        |
| 141      | 76751-005                                         | 3006-116      | Center Shaft                           | 1        |
| 142      | 86672-010                                         |               | Center Shaft Assy. (Inc. 137-139)      | 2        |
|          | 310300-257                                        |               | Reset Driven Gear                      | 1        |
|          | 310300-257                                        |               | Reset Driven Gear Assy.                | 1        |
|          | 14427-422                                         | 5206-025      | Reset Latch Pawl Spring                | 1        |
|          | 76978-005                                         | 4506-003      | External Spring                        | 1        |
|          | 511807-001                                        | 4010-007      | Reset Latch Pawl                       | 1        |
| 143      | 510100-044                                        | 4602-020      | Retaining Ring                         | 1        |
| 144      | G77053-010                                        | 7245-005      | Groove Pin 3/32" x 5/8"                | 2        |
| 145      | 511819-001                                        | 4010-016      | Dash Pot Group                         | 2        |
| 146      | G77368-005                                        | 7095-012      | Retaining Ring                         | 1        |
| 147      | 14427-842                                         |               | Ratchet Stop Pawl Group                | 1        |
| 148      | 511000-246                                        | 4102-016      | Ratchet Stop Pawl Spring               | 1        |
|          |                                                   |               | Nut (Large tie rod)                    | 1        |
| 151      | G322420-010                                       |               | Right Hand Frame Group                 | 1        |
| 152      | G327475-001                                       | 7780-829      | Lower Drive Assy. (Int. 153-156)       | 1        |

• NOTE: Wheels are a variable feature, please contact Sales Department.

| ITEM NO. | U.S. PART NO. | U.K. PART NO. | DESCRIPTION                            | QUANTITY |
|----------|---------------|---------------|----------------------------------------|----------|
| 153      | 76765-005     | 3071-550      | Gear                                   | 4        |
| 154      | 510114-001    | 4606-001      | Groove Pin 5/64" x 9/16"               | 5        |
| 155      | 327474-001    | 3005-046      | Lower Bevel Drive Gear                 | 1        |
| 156      | 318701-002    | 5573-150      | Lower Drive Shaft Ext. 360"            | 1        |
| 157      | *G327577-001  | 7780-743      | Upper Drive Assy. (For 1 Transfer Whl) | 1        |
|          | □G327577-003  |               | Upper Drive Assy. (For 4 Transfer Whl) | 1        |
|          | △G327577-005  |               | Upper Drive Assy. (For 2 Transfer Whl) | 1        |
| 159      | *327552-001   | 6001-005      | Upper Drive Shaft Ext. 360"            | 1        |
| 160      | 77005-010     | 4010-014      | Large Tie Rod                          | 1        |
| 161      | 511810-001    | 3071-830      | Retaining Ring                         | 2        |
| 162      | 76764-007     | 601-748       | Idle Gear Group, Money                 | 1        |
| 163      | 11071-325     |               | Washer .010"                           | As Req.  |
|          | 11071-791     |               | Washer .015"                           | As Req.  |
|          | 11071-333     |               | Washer .020"                           | As Req.  |
| 164      | G325961-001   | 6171-019      | Idle Gear Group, Quantity              | 1        |
| 165      | 11071-325     | 601-748       | Washer .010"                           | 1        |
| 166      | 74800-535     |               | Washer, Bowled                         | 1        |
| 167      | 27719-115     | 6001-004      | Tie Rod                                | 3        |
| 168      | 11071-325     | 601-748       | Washer (.010")                         | 2        |
| 172      | 884008-635    | 1171-284      | Bushing                                | 4        |
| 173      | 14427-776     | 5202-089      | Spring                                 | 1        |
| 174      | G77008-026    | 7031-004      | Disc Group                             | 1        |
| 178      | G327559-001   |               | Housing Group                          | 1        |
| 179      | 327551-001    |               | Vertical Money Shaft                   | 1        |
| 180      | 511810-001    | 4010-014      | Retaining Ring                         | 1        |
| 181      | 11071-479     | 6104-027      | Washer (.031" Thick)                   | 3        |
| 182      | 510157-001    | 4606-016      | Pin — Groove                           | 1        |
| 183      | 514100-275    |               | Pin — Hitch                            | 1        |
| 184      | 327557-001    | 7780-743      | Idle Shaft                             | 1        |
| 185      | 510157-001    | 4606-016      | Pin — Groove (.062" x .375" Long)      | 2        |
| 186      | 510111-001    | 4606-007      | Pin — Groove (.078" x .437" Long)      | 2        |
| 187      | 327554-001    |               | Gear — Worm                            | 1        |
| 188      | 327553-001    |               | Gear — Helical                         | 1        |
| 189      | 327555-001    |               | Gear — Compound (27T & 36T) (Black)    | 1        |
| 190      | 327556-001    |               | Gear — Compound (18T & 27T) (Natural)  | 1        |
| 191      | 11071-205     | 6104-166      | Washer                                 | As Req.  |
| 192      | 11071-205     | 6104-166      | Washer                                 | As Req.  |
|          | 11071-791     |               | Washer                                 | As Req.  |
| 195      | 11071-803     | 601-148       | Washer (.010")                         | As Req.  |
|          | 11071-325     | 601-748       | Washer                                 | As Req.  |
|          | 11071-791     |               | Washer (.031" Thick)                   | As Req.  |
|          | 11071-479     | 6104-027      | Washer                                 | As Req.  |
|          | 11071-333     | 6171-019      | Washer                                 | As Req.  |
| 196      | 327561-001    | 3071-819      | Gear — Compound (20 & 17 Teeth)        | 2        |
| 197      | 74800-157     | 6104-023      | Gear — Compound (10, 30 & 15 Teeth)    | 1        |
| 198      | 327525-001    | 3071-824      | Washer                                 | As Req.  |
| 199      | 11071-803     | 601-148       | Washer                                 | As Req.  |
|          | 11071-325     | 601-748       | Washer                                 | As Req.  |
|          | 11071-479     | 6104-027      | Washer                                 | As Req.  |
|          | 885005-050    | 6104-192      | Washer                                 | As Req.  |
|          | 11071-333     | 11071-333     | Washer                                 | As Req.  |

† NOTE: On Thru-Shaft Rotary Reset Computers, Upper Drive Shaft Will Be Extended One Side Only.

Shatt No. 327584-001.

• NOTE: On Thru-Shaft Rotary Reset Computers, Upper Drive Shaft Group Will Be Extended One Side Only.

Shatt Group No. G327577-002 (7780-746).

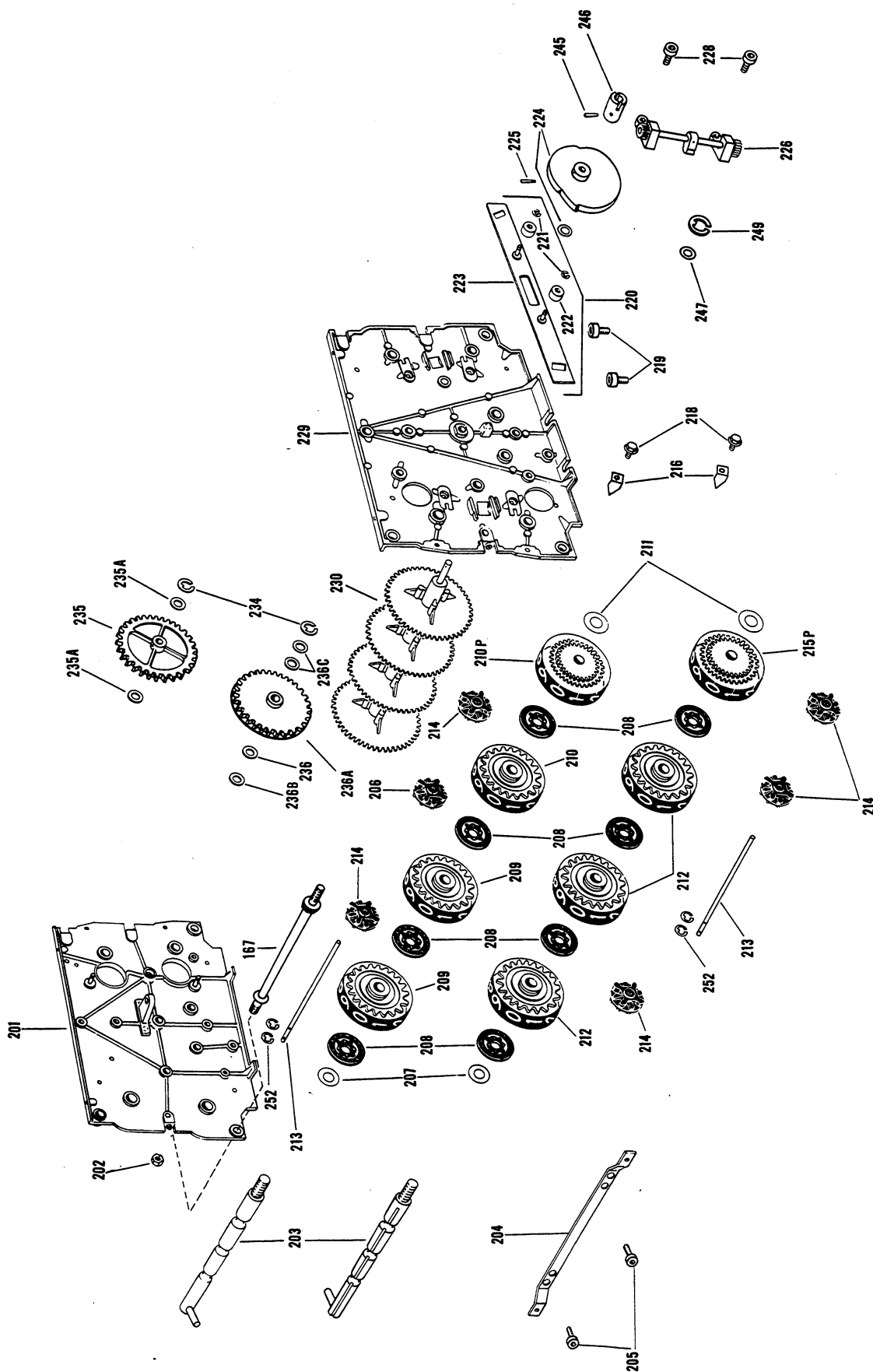
□ NOTE: On Thru-Shaft Rotary Reset Computers, Upper Drive Shaft Group Will Be Extended One Side Only.

Shatt Group No. G327577-004.

△ NOTE: On Thru-Shaft Rotary Reset Computers, Upper Drive Shaft Group Will Be Extended One Side Only.

Shatt Group No. G327577-013.

**Counter Section**  
**Rear Side**  
**Single-Handle Control**  
**2:1 Ratio**

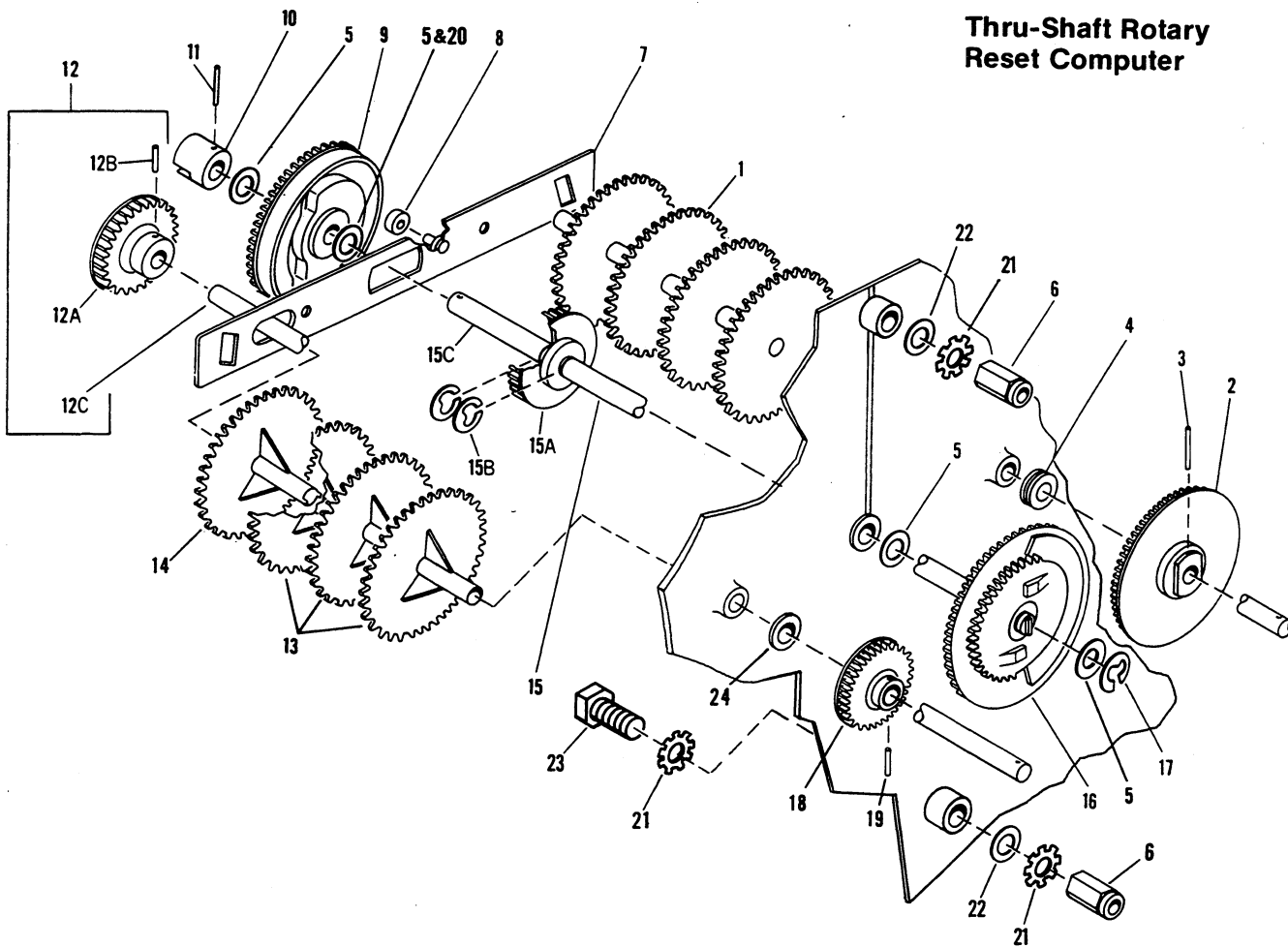


| ITEM NO. | U.S. PART NO. | U.K. PART NO. | DESCRIPTION               | QUANTITY    |
|----------|---------------|---------------|---------------------------|-------------|
| 225      | 510100-069    | 600-426       | Groove Pin 1/8" x 29/32"  | 1           |
| 226      | G77062-051    | 7130-004      | Rocker Shaft Assy.        | 1           |
| 227      |               |               | Not Used                  |             |
| 228      | 510500-328    | 5471-175      | Screw                     | 2           |
| 229      | G86743-015    |               | Left Hand Frame Group     | 1           |
| 230      | G310764-110   | 7771-369      | Reg. Reset Gear Group     | 1           |
| 234      | 511810-001    | 4010-014      | Retaining Ring            | 2           |
| 235      | 76764-007     | 3071-830      | Idler Gear Group -Money   | 1           |
| 235A     | 11071-325     | 601-748       | Washer .010"              | As Req.     |
|          | 11071-791     |               | Washer .015"              | As Req.     |
|          | 11071-333     |               | Washer .020"              | As Req.     |
| 236      | 11071-325     | 601-748       | Washer                    | 1           |
| 236A     | G325961-001   |               | Idler Gear Group -Quality | 1           |
| 236B     | 74800-535     |               | Washer, Bowd              | 1           |
| 236C     | 11071-325     | 601-748       | Washer                    | 2           |
| 245      | 510105-178    | 4606-038      | Groove Pin 1/8" x 11/16"  | 1 When Req. |
| 246      | 86662-006     | 2471-005      | Left Center Coupling      | 1 When Req. |
| 247      | 74800-023     | 6104-178      | Washer                    | As Req.     |
|          | 11071-505     | 601-747       | Washer                    | As Req.     |
| 249      | 511844-001    | 2401-008      | Retaining Ring            | 1           |
| 252      | 511807-001    | 4010-007      | Retaining Ring            | 4           |

| ITEM NO. | U.S. PART NO.                                         | U.K. PART NO. | DESCRIPTION                   | QUANTITY |
|----------|-------------------------------------------------------|---------------|-------------------------------|----------|
| 201      | See 151                                               | See 151       | Right Hand Frame Group        | 1        |
| 202      | 511000-245                                            |               | Tie Rod Nut w/Lockwasher      | 3        |
| 203      | G77070-020                                            | 7778-038      | Reg. Wheel Shaft Group        | 2        |
| 204      | 73217-011                                             | 1308-008      | Dial Bracket                  | 1        |
| 205      | 510500-329                                            | 5471-176      | Screw                         | 2        |
| 206      | 73154-016                                             | 4371-021      | Pinion (VR-10)                | 1        |
| 207      | See Item 108                                          | See Item 108  |                               |          |
| 208      | G77481-006                                            | 7188-002      | Reset Disc Pinion Group       | 8        |
| ● 209    | Contact Veeder-Rood with Form Number of your Computer |               | Reg. Mid. & Left Money Wheel  | 2        |
| ● 210    | Contact Veeder-Rood with Form Number of your Computer |               | Reg. 2nd Money Wheel          | 1        |
| ● 210P   | Contact Veeder-Rood with Form Number of your Computer |               | Reg. R.H. Money Pulser Wheel  | 1        |
| 211      | 74800-201                                             |               | Washer                        | 2        |
| ● 212    | Contact Veeder-Rood with Form Number of your Computer |               | Reg. Mid. & Left Quant. Wheel | 3        |
| 213      | 329409-001                                            | 5573-126      | Pinion Shaft                  | 2        |
| 214      | 73154-016                                             | 4371-021      | Pinion                        | 5        |
| ● 215P   | Contact Veeder-Rood with Form Number of your Computer |               | Reg. R.H. Quant. Pulser Wheel | 1        |
| 216      | 33620-087                                             | 4018-010      | Pointer (White) Rear          | 2        |
| 218      | 510500-330                                            | 5405-026      | Pointer Screw                 | 1        |
| 219      | 510500-325                                            | 5471-419      | Screw                         | 2        |
|          | 404471-416                                            | 5471-416      | Screw With Hole Thru Head     | 2        |
| 220      | G77821-010                                            | 7247-004      | Reset Slide Assy.             |          |
|          |                                                       |               | (Includes Items 221-223)      |          |
| 221      | 511807-001                                            | 4010-007      | Retaining Ring                | 1        |
| 222      | 76774-006                                             | 4048-003      | Roller                        | 2        |
| 223      | 77061-010                                             | 7247-004      | Slide Bar (only)              | 2        |
| 224      | 86704-006                                             | 2171-021      | Shift Cam                     | 1        |
|          | 885005-281                                            | 6104-032      | Washer                        | As Req.  |
|          | 11071-785                                             | 6171-037      | Washer                        | As Req.  |

● NOTE: Wheels are a variable feature, please contact Sales Department.

# Thru-Shaft Rotary Reset Computer

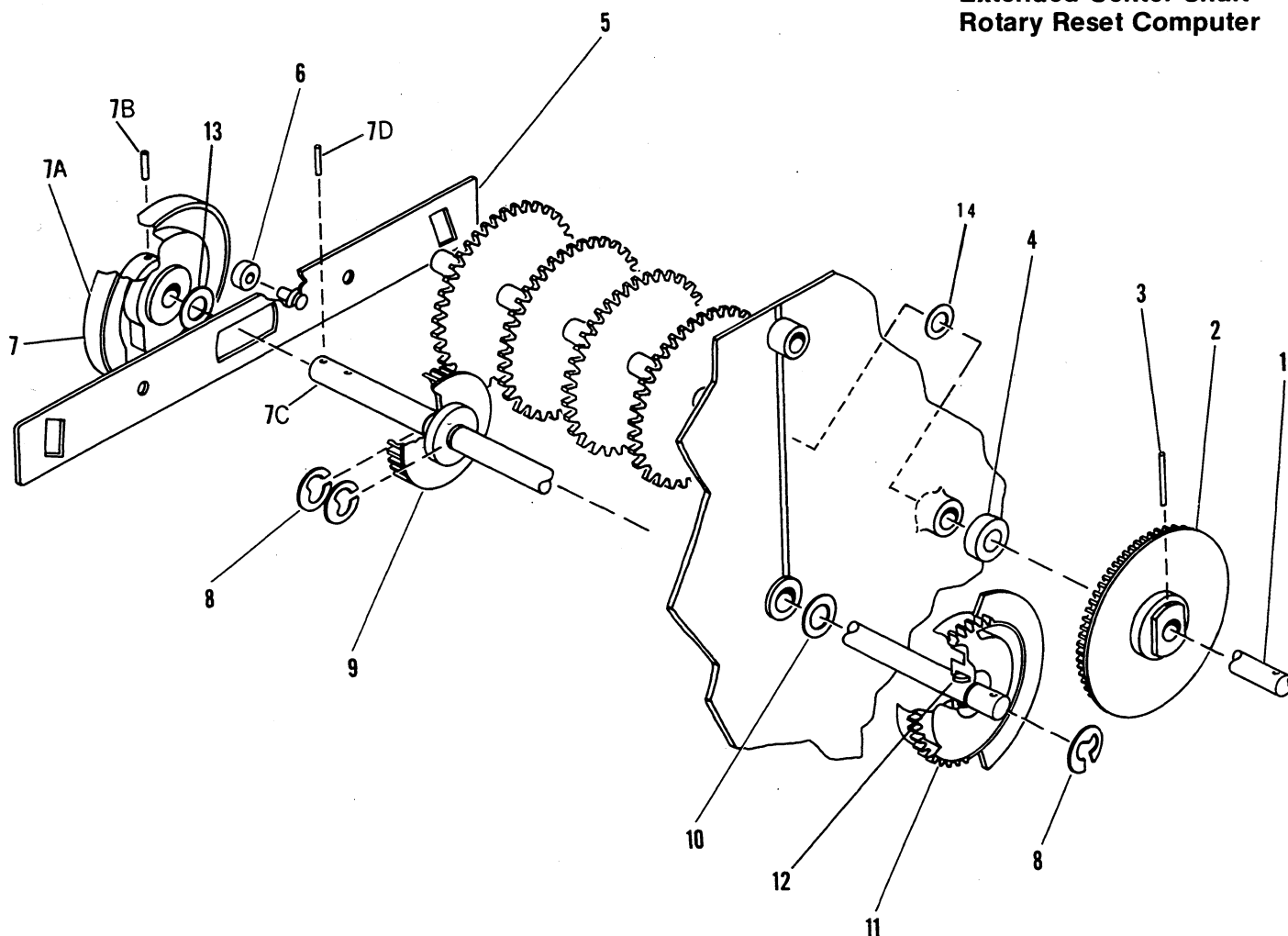


| ITEM NO. | U.S. PART NO. | U.K. PART NO. | DESCRIPTION                              | QTY.    |
|----------|---------------|---------------|------------------------------------------|---------|
| 1        | G315195-002   |               | Rear Reset Shaft & Gear Group            | 1       |
| 2        | 311015-110    | 3006-129      | Reset Gear                               | 1       |
| 3        | 510120-002    | 4606-006      | Groove Pin                               | 1       |
| 4        | 11071-147     | 11071-147     | Washer 5/16" x .045"                     | As Req. |
|          | 11071-361     | 11071-361     | Washer (not shown)                       | As Req. |
| 5        | 74800-258     | 6104-117      | Washer                                   | As Req. |
|          | 885005-281    | 6104-032      | Washer                                   | As Req. |
| 6        | 314841-001    | 5171-337      | Stud                                     | 3       |
| 7        | G77061-026    | 7247-008      | Slide Bar Group                          | 1       |
| 8        | 76774-006     | 4048-003      | Roller                                   | 1       |
| 9        | 317739-001    |               | Shift Cam                                | 1       |
| 10       | 86662-006     | 2471-005      | Coupling                                 | 1       |
| 11       | 510100-042    | 4606-044      | Groove Pin                               | 1       |
| 12       | G318738-002   |               | Front Reset Shaft Group (Inc. A & B & C) | 1       |
| 12A      | 76751-005     | 3006-116      | Reset Driven Gear                        | 1       |
| 12B      | 510123-002    | 4606-041      | Groove Pin                               | 1       |

| ITEM NO. | U.K. PART NO. | U.K. PART NO. | DESCRIPTION                         | QTY.    |
|----------|---------------|---------------|-------------------------------------|---------|
| 12C      | 317747-002    |               | Front Reset Shaft                   | 1       |
| 13       | 317746-003    | 317746-003    | Front Left & Mid. Reset Gears       | 3       |
| 14       | 317746-004    | 317746-004    | Front Right Reset Gear              | 1       |
| 15       | G318737-002   | 318737-002    | Center Shaft Group (Inc. A & B & C) | 1       |
| 15A      | 319551-002    | 3071-013      | Idler Gear                          | 1       |
| 15B      | 511816-001    | 4010-025      | Retaining Ring                      | 2       |
| 15C      | 317738-002    |               | Center Shaft                        | 1       |
| 16       | G317743-003   | 601-993       | Reset Gear Group                    | 1       |
| 17       | 511816-001    | 4010-025      | Retaining Ring                      | 1       |
| 18       | 76751-005     | 3006-116      | Reset Driven Gear                   | 1       |
| 19       | 510123-002    | 4606-041      | Groove Pin                          | 1       |
| 20       | 11071-209     | 6104-059      | Washer                              | 1       |
| 21       | 510003-006    | 6105-019      | Lockwasher                          | 3       |
| 22       | 11071-183     | 6104-029      | Washer                              | 4       |
| 23       | 503619-001    |               | Screw-Hex HD (1/4"-28)              | 1       |
| 24       | 11071-361     | 11071-361     | Washer                              | As Req. |

NOTE: Left side frame assembly 86743-15-075 (No Cam Stop).

# Extended Center Shaft Rotary Reset Computer

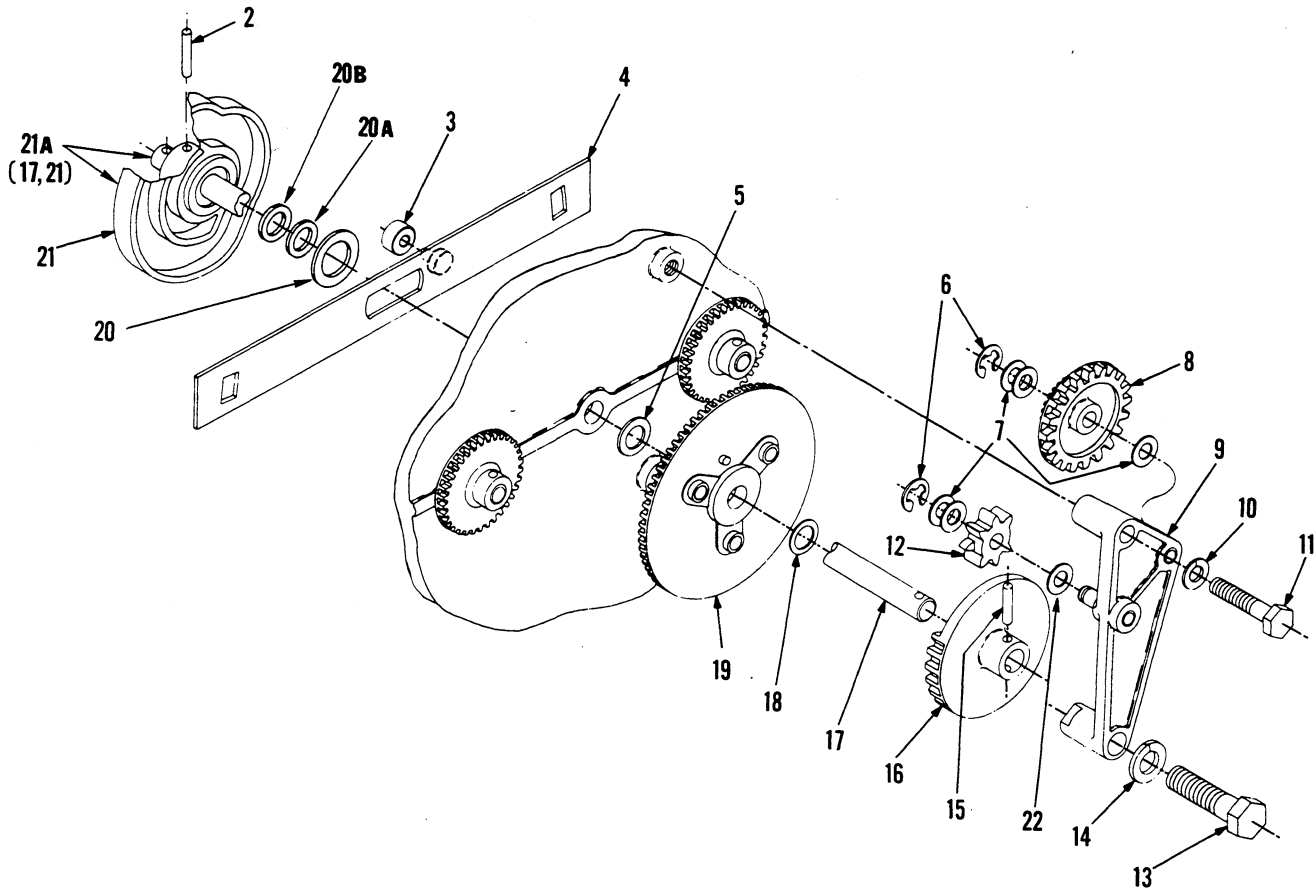


| ITEM NO. | U.S. PART NO. | U.K. PART NO. | DESCRIPTION                   | QTY. |
|----------|---------------|---------------|-------------------------------|------|
| 1        | G311362-111   | 7778-526      | Rear Reset Shaft & Gear Group | 1    |
| 2        | 311015-110    | 3006-129      | Reset Gear                    | 1    |
| 3        | 510120-002    | 4606-006      | Groove Pin 7/64" x 7/8"       | 1    |
| 4        | 27719-037     | 5371-077      | Spacer                        | 1    |
| 5        | G77061-026    | 7247-008      | Slide Bar Group               | 1    |
| 6        | 76774-006     | 4048-003      | Roller                        | 1    |
| 7        | G311120-111   |               | Center Shaft & Cam Group      | 1    |
| 7A       | 311016-110    | 2106-008      | Shift Cam                     | 1    |
| 7B       | 510119-002    | 4606-005      | Groove Pin 7/64" x 3/4"       | 1    |

| ITEM NO. | U.S. PART NO. | U.K. PART NO. | DESCRIPTION             | QTY.    |
|----------|---------------|---------------|-------------------------|---------|
| 7C       | 311012-112    |               | Center Shaft            | 1       |
| 7D       | 510105-140    | 600-261       | Groove Pin 3/4" x 9/64" | 1       |
| 8        | 511816-001    | 4010-025      | Retaining Ring          | 3       |
| 9        | 319551-002    | 3071-013      | Idler Gear              | 1       |
| 10       | 885005-281    | 6104-032      | Washer .010"            | 1       |
| 11       | 311014-110    |               | Reset Gear              | 1       |
| 12       | 311122-110    | 4602-064      | Pin                     | 1       |
| 13       | 11071-527     |               | Washer .010"            | As Req. |
|          | 74800-258     | 6104-117      | Washer .031"            | As Req. |
| 14       | 11071-129     | 6104-012      | Washer                  | As Req. |
|          | 11071-126     | 6104-168      | Washer                  | As Req. |

NOTE: Left side frame assembly 86743-15-075 (No Cam Stop).

# **Tokheim Power Reset Components**

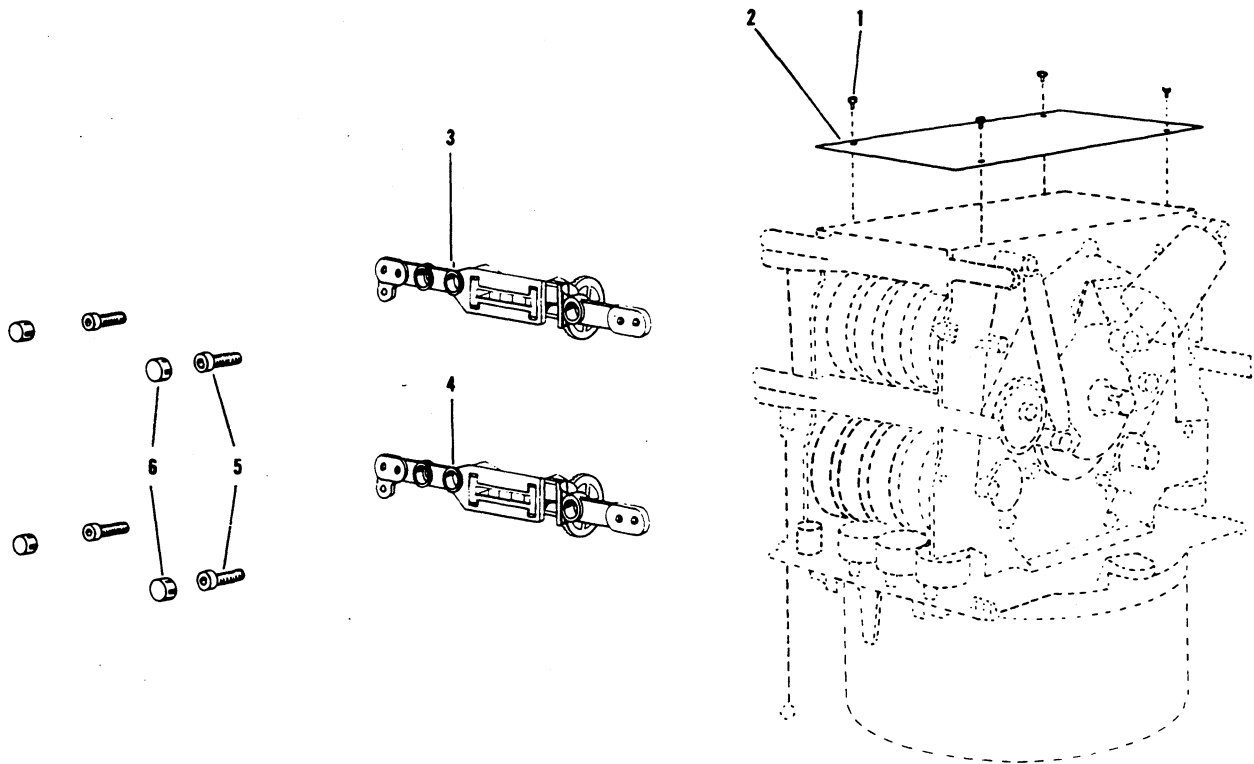


| ITEM NO. | U.S. PART NO. | U.K. PART NO. | DESCRIPTION                            | QTY.    |
|----------|---------------|---------------|----------------------------------------|---------|
| 1        |               |               | Deleted                                |         |
| 2        | 510105-178    | 4606-038      | Groove Pin                             | 1       |
| 3        | 76774-006     | 4048-003      | Roller                                 | 1       |
| 4        | G77061-026    | 7247-008      | Shift Slide Group                      | 1       |
| 5        | 11071-253     |               | Washer                                 | 1       |
| 6        | 511810-001    | 4010-014      | Retaining Ring                         | 2       |
| 7        | 11071-325     | 601-748       | Washer                                 | As Req. |
|          | 11071-803     | 601-148       | Washer                                 | As Req. |
| 8        | 95167-005     |               | Compound Gear                          | 1       |
| 9        | G95182-005    |               | Bracket Assembly                       | 1       |
| 10       | 510020-001    | 6105-010      | Lockwasher                             | 1       |
| 11       | 503305-005    |               | 1/4"-20 x 1-3/8" lg. Hex Hd. Cap Screw | 1       |
| 12       | 95168-005     |               | Idler Gear                             | 1       |

| ITEM NO. | U.S. PART NO. | U.K. PART NO. | DESCRIPTION                             | QTY.    |
|----------|---------------|---------------|-----------------------------------------|---------|
| 13       | 505018-001    |               | 3/8"-16 x 1-1/2" lg. Hex Hd. Cap. Screw | 1       |
| 14       | 510023-001    |               | 3/8 Lockwasher                          | 1       |
| 15       | 510100-042    | 4606-044      | Groove Pin                              | 1       |
| 16       | 95166-005     | 601-049       | Drive Gear                              | 1       |
| 17       | 86661-010     | 5571-113      | Center Shaft (4 Wheel)                  | 1       |
| 18       | 885005-281    | 6104-032      | Washer                                  | 1       |
| 19       | 77001-010     | 600-258       | Idler Gear                              | 1       |
| 20       | 11071-209     | 6104-059      | Washer                                  | 2       |
| 20A      | 885005-281    | 6104-032      | Washer                                  | As Req. |
| 20B      | 74800-258     | 6104-117      | Washer                                  | As Req. |
| 21       | 95291-005     | 600-260       | Shift Cam                               | 1       |
| 21A      | G316241-001   |               | Shift Cam Shaft Group                   | 1       |
| 22       | 11071-803     | 601-148       | Washer                                  | 1       |

NOTE: Left side frame assembly 86743-15-075 (No Cam Stop).  
Right side frame assembly 322420-011 (Tapped for Bracket).

## External Parts



| ITEM NO. | U.S. PART NO. | U.K. PART NO. | DESCRIPTION             | QUANTITY |
|----------|---------------|---------------|-------------------------|----------|
| 1        | 510549-001    | 5405-013      | Top Cover Screw         | 4        |
| 2        | 76915-010     | 2002-023      | Top Cover               | 1        |
|          | 80044-010     |               | Top Cover with Brackets | 1        |
| • 3      | Variable      | Variable      | Money Totalizer         | 1        |
| • 4      | Variable      | Variable      | Quantity Totalizer      | 1        |
| 5        | 510500-327    | 5471-174      | Totalizer Screw         | 4        |
| 6        | 28698-060     | 1705-001      | Totalizer Seal          | 4        |

• NOTE: Computers are normally equipped with mechanical money and quantity totalizers.  
Please contact Sales Department for Part Number.

For faster delivery of parts  
please include this information  
with your order:

- Serial number
- Part number and description

For ordering instructions and terms  
and conditions of sale, refer to a current  
Veeder-Root price list.



6th Avenue at Burns Crossing, P.O. Box 1673, Altoona, PA 16603-1673 Phone (814) 695-4476, or (800) 873-3313, Fax (814) 695-7605, or (800) 234-5350

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