

35 EDGE-PUNCHED CARD HOPPER (EPCF)

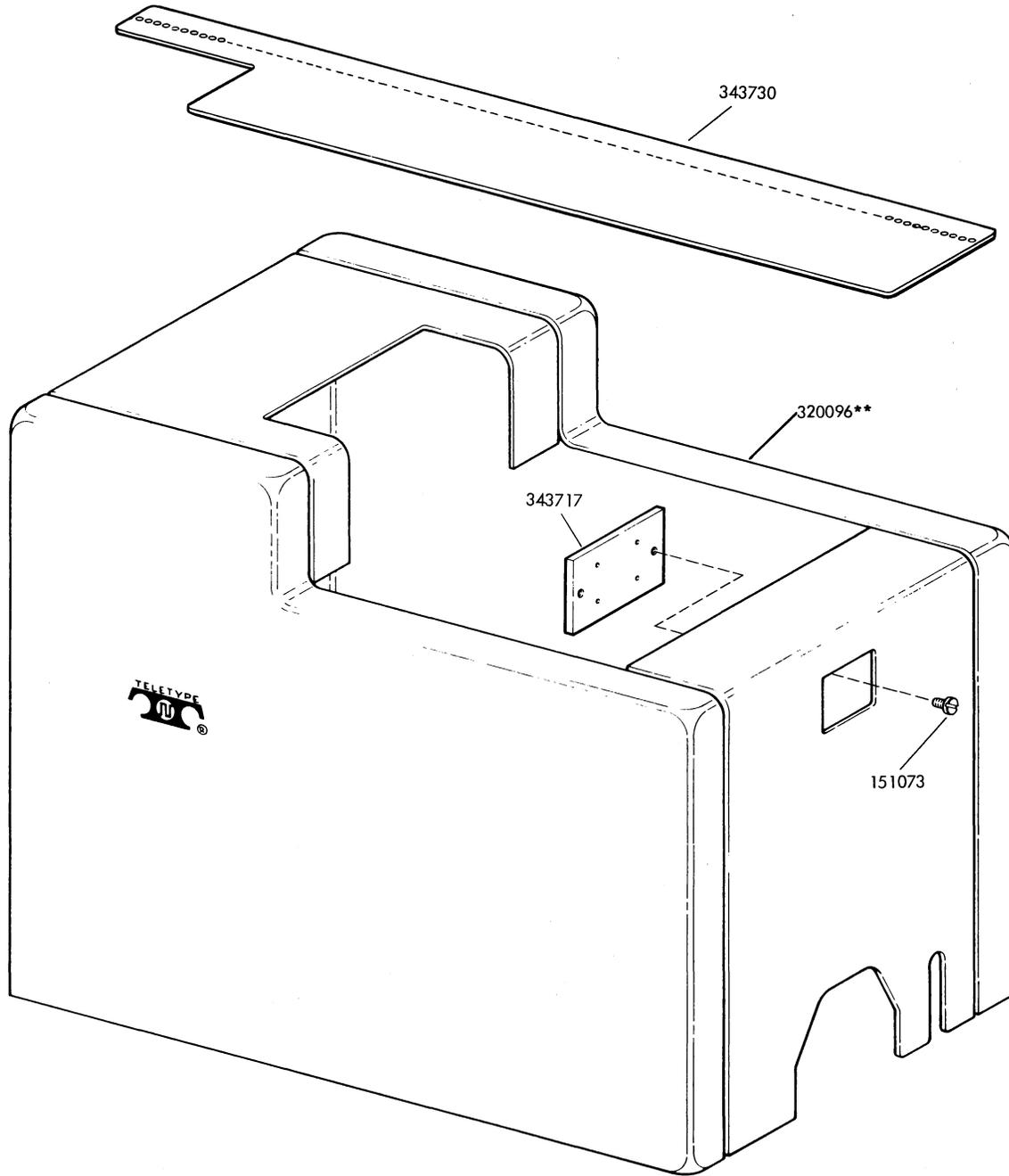
PARTS

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| PAINT FINISH COLOR CODE CHART | | |
|---|-----------------|------------------|
| COLOR | Finish Suffixes | |
| | Textured Vinyl | Smooth Vinyl |
| Green Gray Light Gray Olive Gray | GA(45) | HB(68) HF(46) |
| The double asterisk(**) denotes a painted part. Suffix to be applied following the part number. Number in parentheses indicates Bell System Code. | | |

| Teletype Code | Bell System Code |
|---------------|------------------|
| EPCF 1 | 1A HOPPER |

NOTE: When ordering parts from this section prefix each number with the letters TP.



**Refer to page 1 for finish suffix

FIGURE 1. COVER

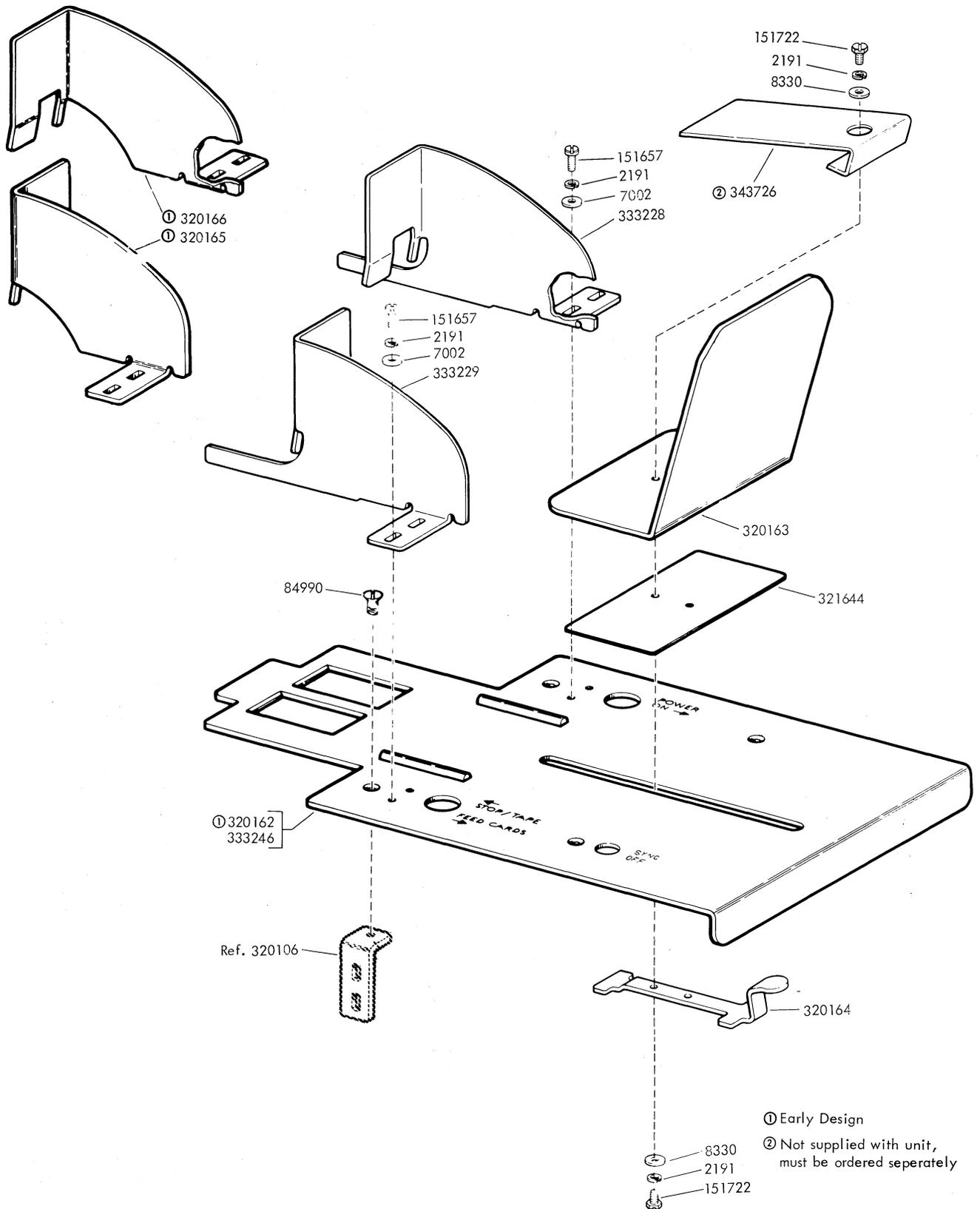


FIGURE 2. TOP PLATE

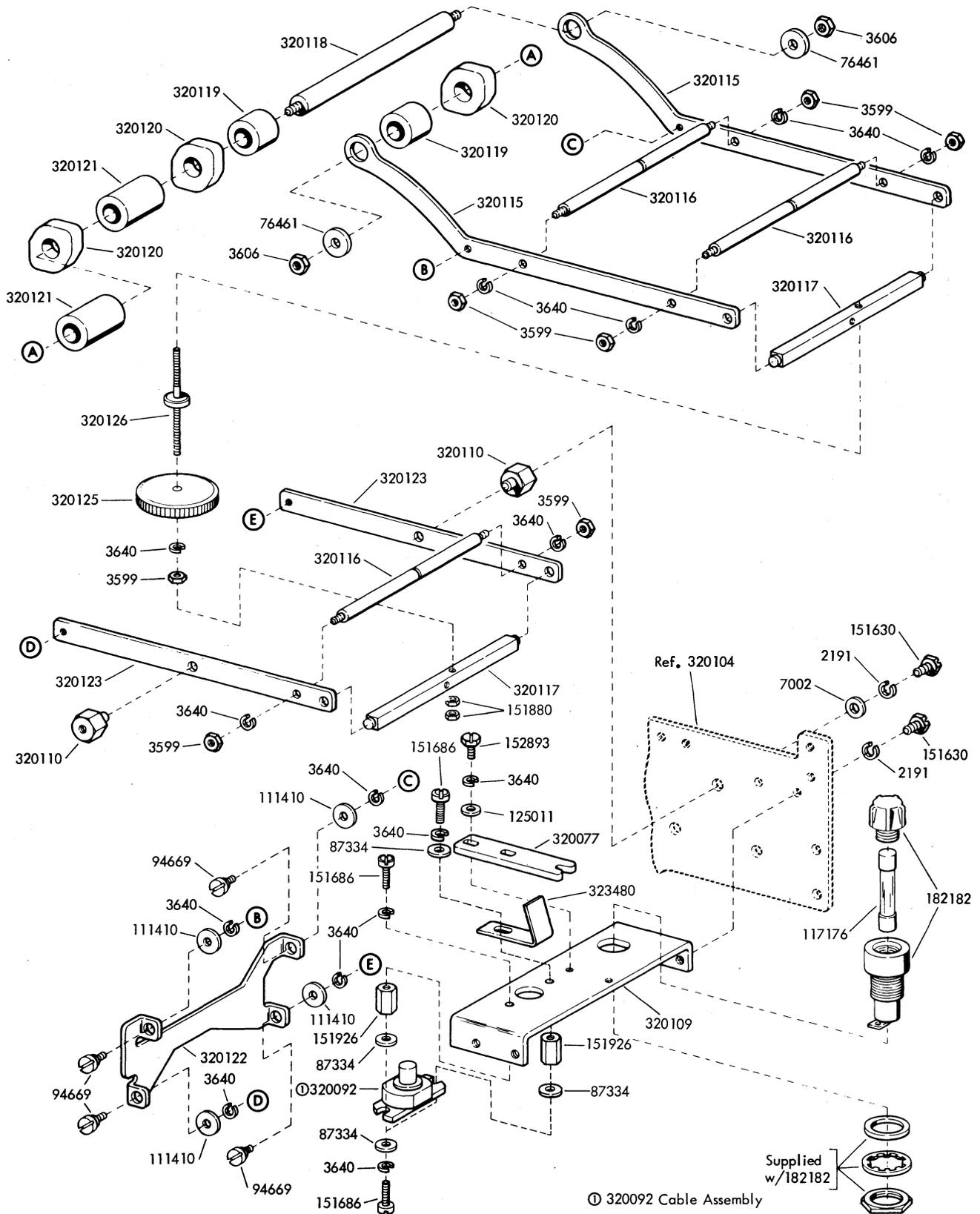


FIGURE 5. SEPARATOR STONES AND HANDWHEEL

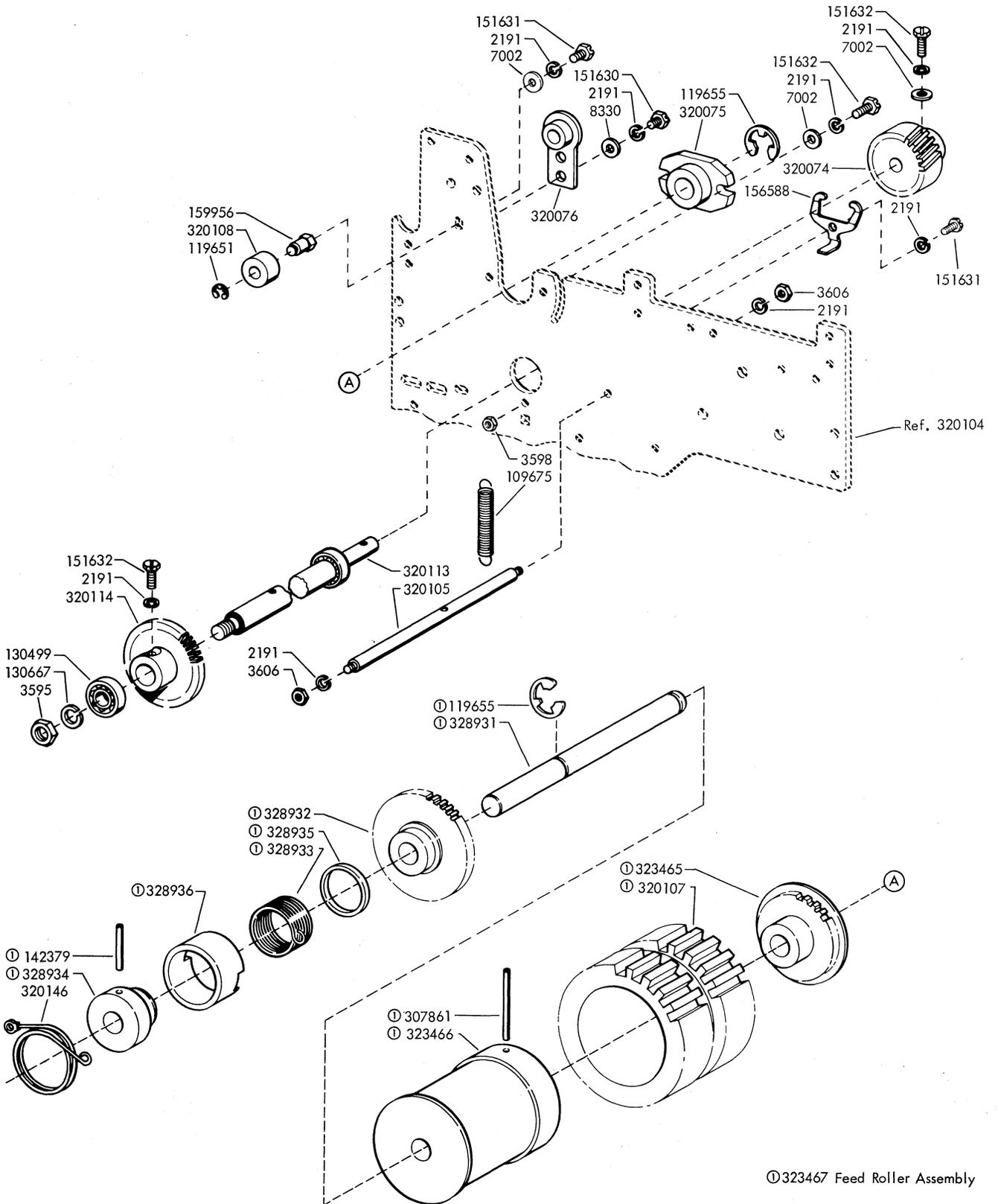


FIGURE 6. FEED ROLLER AND PULLEY MECHANISM

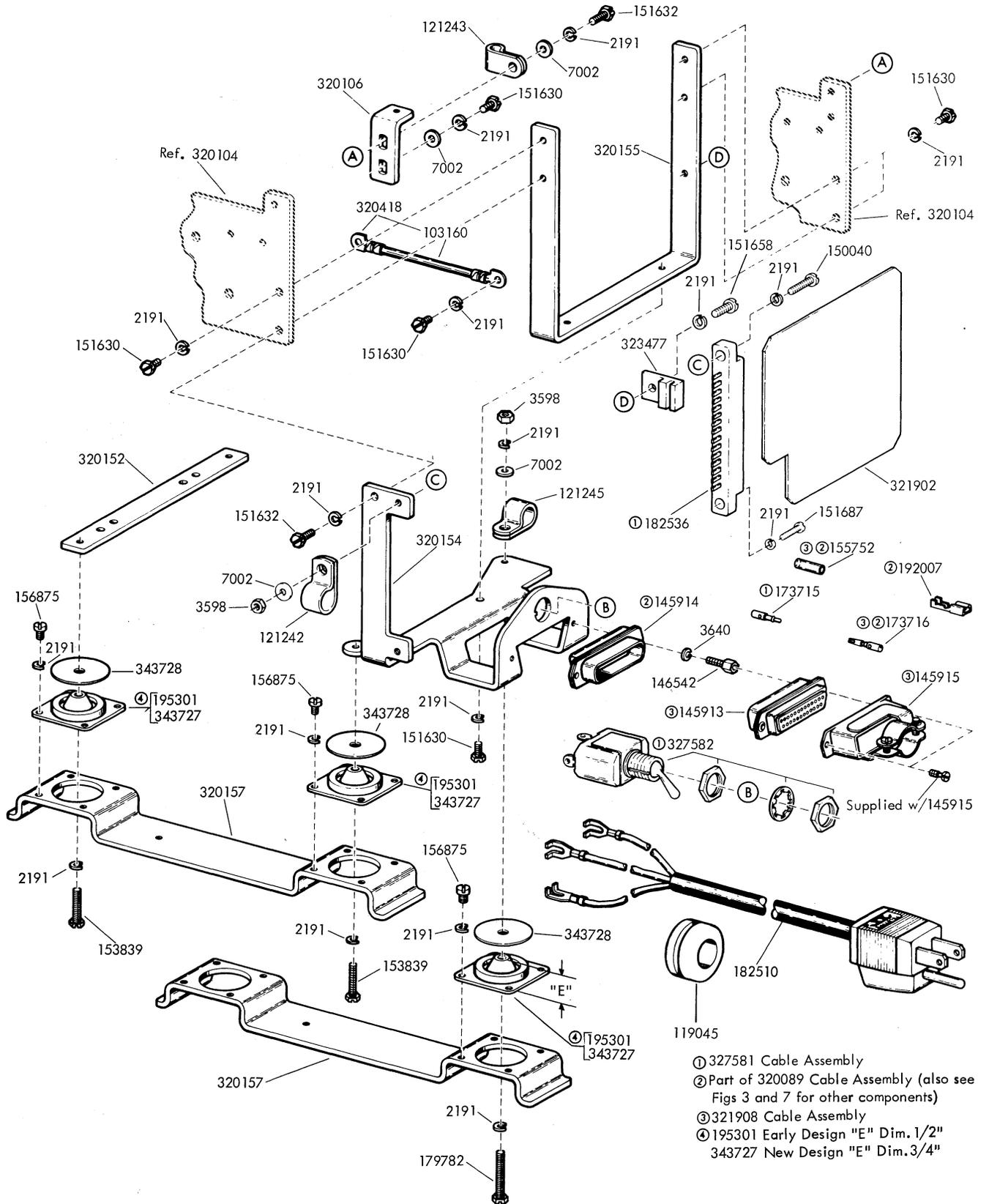


FIGURE 8. VIBRATION MOUNTS

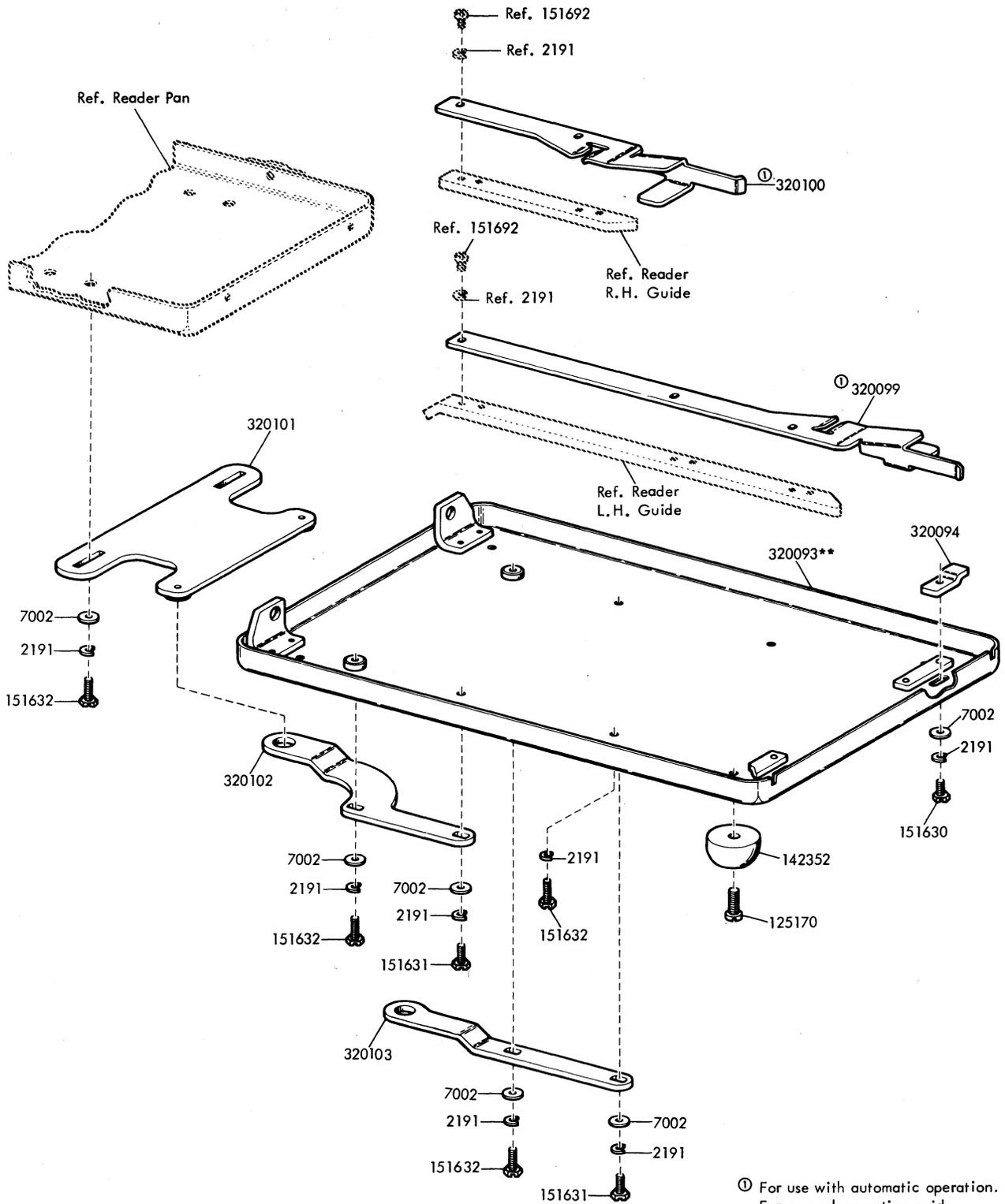


FIGURE 9. BASE, ADAPTERS AND GUIDES

NUMERICAL INDEX

| Part Number | Description and Page Number | Part Number | Description and Page Number | Part Number | Description and Page Number |
|-------------|--------------------------------|-------------|--|-------------|--|
| 2191 | Lockwasher 3,4,5,6,7,8, 9,10 | 142379 | Pin, Roll 7 | 155752 | Sleeve, 5/64 ID x 1/2" |
| 3595 | Nut, 1/4-32 Hex 7 | 145913 | Connector, 25 Pt Receptacle Type 9 | 155753 | Lg Insulating 9 Sleeve, 1/8 ID x 1/2" |
| 3598 | Nut, 6-40 Hex 7,8,9 | 145914 | Connector, 25 Pt Plug Type 9 | 156450 | Lg Insulating 4 Screw, 2-56 x 1/2 Fil 5 |
| 3599 | Nut, 4-40 Hex 4,5,6 | 145915 | Clamp, Cable 9 | 156501 | Screw, 6-40 x 7-3/2 Fil 5 |
| 3606 | Nut, 6-40 Hex 4,5,6,7 | 146542 | Post Assembly 9 | 156588 | Ring, Retaining 7,8 |
| 3639 | Lockwasher 8 | 147437 | Relay, 118 Ohm 8 | 156831 | Clamp 5 |
| 3640 | Lockwasher 4,5,6,9 | 150040 | Screw, 6-40 x 5/8 Fil 9 | 156832 | Plate 5 |
| 3646 | Lockwasher 4 | 150966 | Insulator, Terminal Block 8 | 156875 | Screw, 6-40 x 5/32 Fil 9 |
| 6345 | Nut, 6-32 Hex 8 | 151073 | Screw, 4-40 x 5/32 Fil 2 | 158155 | Bearing, Sleeve 5 |
| 7002 | Washer, Flat 3,4,5,6,7, 8,9,10 | 151152 | Screw, 4-40 x 3/16 Hex 4,5 | 159956 | Post 7 |
| 8330 | Washer, Flat 3,5,7 | 151415 | Block, Terminal 8 | 160626 | Insulator, .031" Thk 5 |
| 71073 | Washer, Flat 4 | 151416 | Nut, 6-40 Hex 8 | 160627 | Bushing, Insulating 5 |
| 75645 | Screw, No.0 x 1/8 Drive 8 | 151606 | Screw, 10-32 x 1/4 Hex 8 | 161301 | Post 4 |
| 76461 | Washer, Flat 6 | 151610 | Washer, Flat 8 | 171227 | Spring, Contact 5 |
| 80612 | Nut, 8-32 Hex 4 | 151620 | Strap, Motor Mounting 8 | 171236 | Spring, Contact 5 |
| 84990 | Screw, 6-40 x 1/4 Flat 3 | 151621 | Screw, 6-32 x 3/4 Rd 8 | 173715 | Terminal, Plug Type 4,9 |
| 87334 | Washer, Insulating 6 | 151622 | Nut, 6-32 Sq 8 | 173716 | Terminal, Receptacle Type 9 |
| 93117 | Lockwasher 4 | 151630 | Screw, 6-40 x 1/4 Hex 4, 5,6,7,8,9,10 | 179782 | Screw, 6-40 x 7/8 Hex 9 |
| 93118 | Lockwasher 5 | 151631 | Screw, 6-40 x 5/16 Hex 5,7,8,10 | 181241 | Screw w/Lockwasher, 6-40 x 1/4 Hex 8 |
| 94669 | Screw, 4-40 Shoulder 6 | 151632 | Screw, 6-40 x 3/8 Hex 4, 5,7,8,9,10 | 181654 | Diode 8 |
| 102999 | Screw, 2-56 x 5/32 Fil 4 | 151657 | Screw, 6-40 x 1/4 Fil 3 | 181890 | Sleeve, 1/16 ID x 1" |
| 103160 | Jumper, 2-5/8" Black 9 | 151658 | Screw, 6-40 x 5/16 Fil 9 | 182182 | Lg Insulating 8 |
| 109675 | Spring 7 | 151686 | Screw, 4-40 x 3/8 Fil 5, 6 | 182510 | Holder, Fuse 6 |
| 110743 | Lockwasher 4,5 | 151687 | Screw, 4-40 x 7/16 Fil 9 | 182536 | Cord, Power 9 |
| 111017 | Screw, 6-40 x 5/16 Fil 8 | 151692 | Screw, 6-40 x 3/16 Fil 10 | 192007 | Connector, 15 Pt Circuit Card 9 |
| 111410 | Washer, Flat 6 | 151722 | Screw, 6-40 x 3/16 Hex 3,8 | 195301 | Terminal, Tab Type 9 |
| 117176 | Fuse, SL-BL-0.5 Amp 6 | 151880 | Nut, 4-40 Hex 6 | 195723 | Mount, Vibration 9 |
| 119045 | Grommet, Rubber 9 | 151926 | Nut, 4-40 Spl 6 | 198757 | Plate, Identification 8 |
| 119649 | Ring, Retaining 4,5 | 152893 | Screw, 4-40 x 1/4 Hex 4, 6 | 305356 | Switch 4 |
| 119650 | Ring, Retaining 5 | 153388 | Stud 8 | 307861 | Insulator 5 |
| 119651 | Ring, Retaining 7 | 153565 | Pin 5 | 307861 | Pin, Roll 7 |
| 119653 | Ring, Retaining 5 | 153631 | Network, Spark Suppression 8 | 319392 | Motor, 115 V Induction 8 |
| 119655 | Ring, Retaining 7 | 153817 | Screw, 4-40 x 3/8 Hex 4 | 320069 | Belt, 40T 5 |
| 121242 | Clamp, 1/8 ID Cable 9 | 153839 | Screw, 6-40 x 5/8 Hex 9 | 320074 | Gear, 34T 7,8 |
| 121243 | Clamp, 3/16 ID Cable 9 | 155750 | Sleeve, 3/32 ID x 1/2" Lg Insulating 4 | 320075 | Hub, Feed Roller 5,7 |
| 121245 | Clamp, 5/16 ID Cable 9 | 155751 | Sleeve, 1/8 ID x 1" Lg Insulating 8 | 320076 | Block 5,7 |
| 125011 | Washer, Flat 5,6 | | | 320077 | Guide 6 |
| 125170 | Screw, 8-32 x 5/6 Fil 10 | | | 320080 | Roller, Detector 4 |
| 125181 | Screw, 2-56 x 3/8 Fil 4 | | | 320081 | Link, Actuator 4 |
| 125390 | Washer, Flat 4 | | | 320082 | Bracket 4 |
| 128357 | Ring, Retaining 5 | | | 320086 | Pinion, 8T 8 |
| 130499 | Bearing, Ball 5,7 | | | 320087 | Spring, Leaf 5 |
| 130663 | Lockwasher 4 | | | 320088 | Pin, Leaf Spring 5 |
| 130667 | Lockwasher 7 | | | 320089 | Cable Assembly 4,8,9 |
| 138034 | Plate, Clamp 5 | | | 320090 | Bracket, Switch 4 |
| 139012 | Solenoid, 85 Ohm 5 | | | | |
| 142288BK | Jumper, 2" Black 8 | | | | |
| 142352 | Foot, Mounting 10 | | | | |

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| Part Number | Description and Page Number | Part Number | Description and Page Number | Part Number | Description and Page Number |
|-------------|------------------------------------|-------------|-----------------------------|-------------|-----------------------------|
| 320092 | Switch, Thermostatic 4, 6 | 320132 | Bellcrank 5 | 321643 | Ring, O 5 |
| 320093** | Base 10 | 320133 | Link w/Post 5 | 321644 | Shim, .005" Thk Nylon 3 |
| 320094 | Clamp 10 | 320134 | Link w/Stud 5 | 321645 | Bracket 4 |
| 320096** | Cover 2 | 320135 | Support, Detector Pivot 4 | 321646 | Strip, Adjusting 5 |
| 320098 | Contact Assembly, Ejector Roller 5 | 320136 | Pivot, Detector 4 | 321647 | Spring 4 |
| 320099 | Adaptor, Left Feeder Guide 10 | 320137 | Shaft, Detector Roller 4 | 321648 | Shaft 5 |
| 320100 | Adaptor, Right Feeder Guide 10 | 320138 | Extension, Actuator Link 4 | 321649 | Roller 5 |
| 320101 | Connector, Feeder 10 | 320142 | Bail, Roller Lift 5 | 321650 | Roller 5 |
| 320102 | Bracket, Coupler 10 | 320143 | Pivot 5 | 321902 | Card, Circuit 9 |
| 320103 | Bracket, Coupler 10 | 320144 | Stud 4 | 321908 | Cable Assembly 9 |
| 320104 | Frame, Side 4,5,6,7,8,9 | 320145 | Spacer, .105" Thk 4 | 323455 | Pulley 5 |
| 320105 | Spacer, Main Frame 7 | 320146 | Spring, Clutch Brake 4,5,7 | 323456 | Link, w/Bushing 5 |
| 320106 | Bracket 3,4,9 | 320147 | Spacer, .218" Thk 4 | 323465 | Pulley, 24T 7 |
| 320107 | Roll, Rubber Feed 7 | 320149 | Relay 8 | 323466 | Roller 7 |
| 320109 | Bracket, Guide 6 | 320150 | Mount, Motor 8 | 323467 | Roller w/Pulley, Feed 7 |
| 320110 | Pivot 6 | 320151 | Plate, Relay 8 | 323468 | Shaft w/Pulley 5 |
| 320111 | Bracket, Mounting 4 | 320152 | Plate, Front 8,9 | 323470 | Insulator 8 |
| 320112 | Bracket, Switch 4,8 | 320153 | Brace, Lower Front 8 | 323476 | Guard, Gear 8 |
| 320113 | Shaft 7 | 320154 | Plate, Rear Mounting 9 | 323477 | Support, Circuit Card 9 |
| 320114 | Gear, 29T 7 | 320155 | Brace, Lower Rear 9 | 323480 | Bracket 6 |
| 320115 | Support, Stone 6 | 320157 | Foot 9 | 327581 | Cable Assembly 9 |
| 320116 | Spacer, Adjusting Frame 6 | 320158 | Block, Bearing 8 | 327582 | Switch, Toggle 9 |
| 320117 | Bar, Cross 6 | 320159 | Retainer, Bearing 8 | 328931 | Shaft 7 |
| 320118 | Rod, Stone Alignment 6 | 320160 | Shaft, Transfer 8 | 328932 | Gear, 36T 7 |
| 320119 | Spacer, .497" Thk 6 | 320161 | Pinion, 8T 8 | 328933 | Spring, Torsion 7 |
| 320120 | Stone, Separator 6 | 320162 | Plate, Top 3 | 328934 | Arbor, Drive 7 |
| 320121 | Spacer, .925" Thk 6 | 320163 | Support, Card 3 | 328935 | Spacer, .078" Thk 7 |
| 320122 | Spacer, Front 6 | 320164 | Clamp 3 | 328936 | Confiner, Clutch 7 |
| 320123 | Bar, Lower 6 | 320165 | Guide, Left 3 | 333228 | Guide, Right 3 |
| 320125 | Wheel, Adjusting 6 | 320166 | Guide, Right 3 | 333229 | Guide, Left 3 |
| 320126 | Screw, 4-40 Adjusting 6 | 320167 | Bracket, Contact 5 | 333231 | Bracket 4 |
| 320127 | Plate, Backing 5 | 320418 | Terminal, Ring Type 4, 8,9 | 333236 | Lamp Assembly 4 |
| 320128 | Plate, Nut 5 | 321641 | Switch, Toggle 4,8 | 333246 | Plate, Top 3 |
| 320130 | Post 5 | | | 343717 | Plate 2 |
| | | | | 343726 | Bracket 3 |
| | | | | 343727 | Mount, Vibration 9 |
| | | | | 343728 | Washer, Flat 9 |
| | | | | 343730 | Gage, Master Card 2 |

**Refer to page 1 for finish suffix