



Record purchase information:

|                 |            |
|-----------------|------------|
| Model No.:      | Stock No.: |
| Serial No.:     |            |
| Purchased from: |            |
| Date purchased: |            |

# Operating Instructions and Parts Manual

## 20" EVS Drill Press with Power Feed

Models JDPE-20EVS-PDF, JDPE-20EVSC-PDF

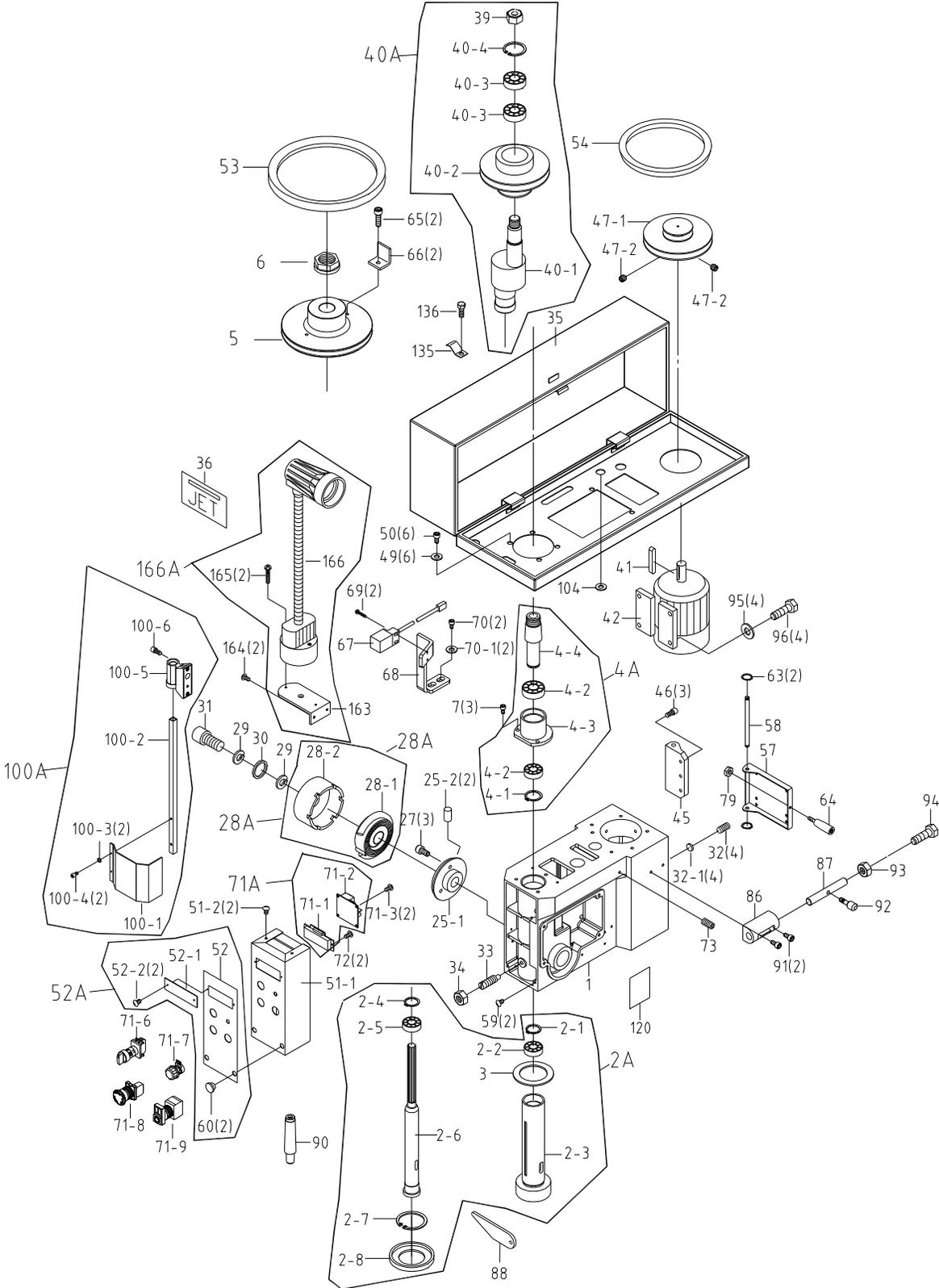


**JET**  
427 New Sanford Road  
LaVergne, Tennessee 37086  
Ph.: 800-274-6848  
www.jettools.com

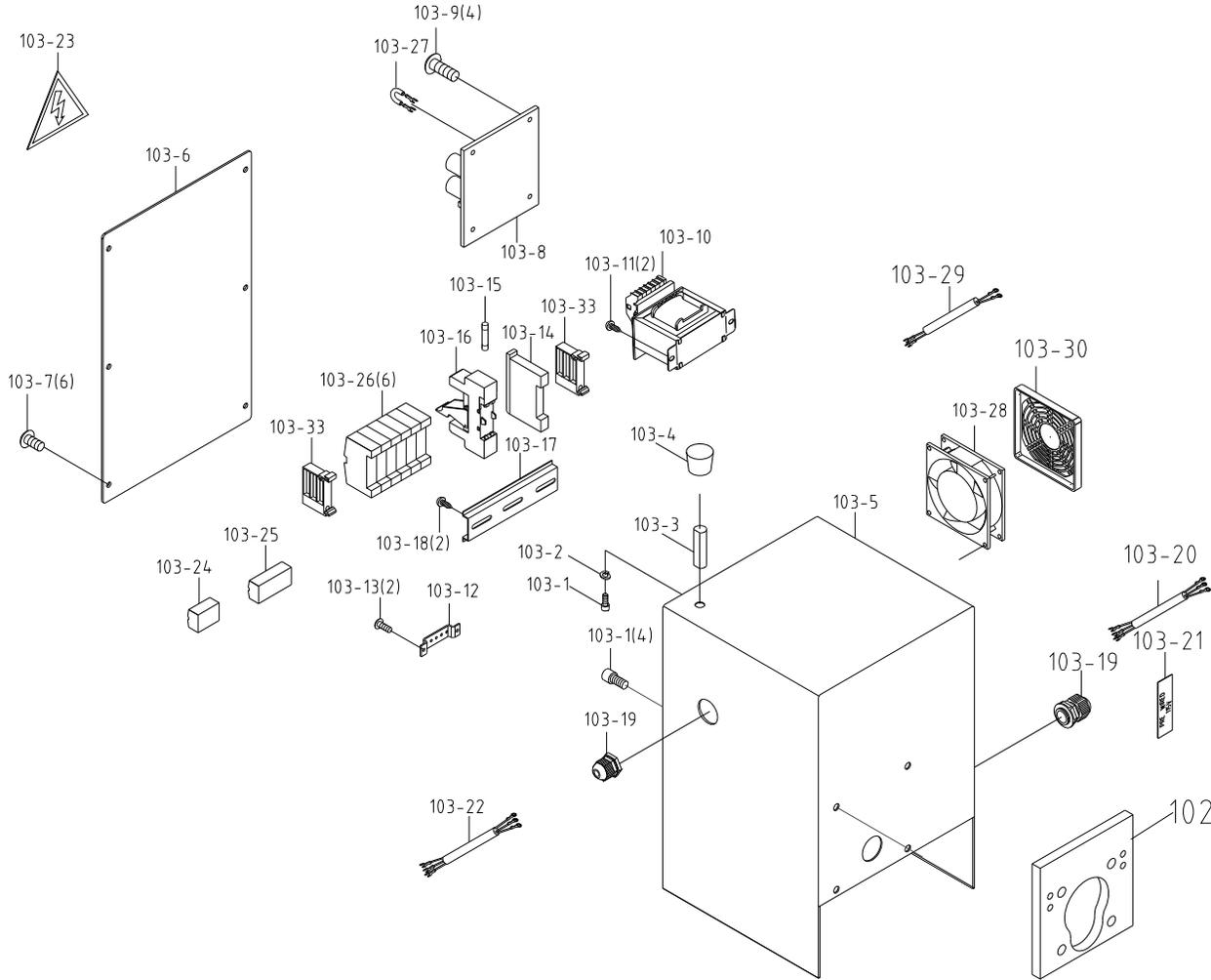
**Part No. M-354250**  
Edition 3 12/2019  
Copyright © 2019 JET



# 11.1.2 JDPE-20EVS-PDF (Step Pulley) Head Assembly – Exploded View

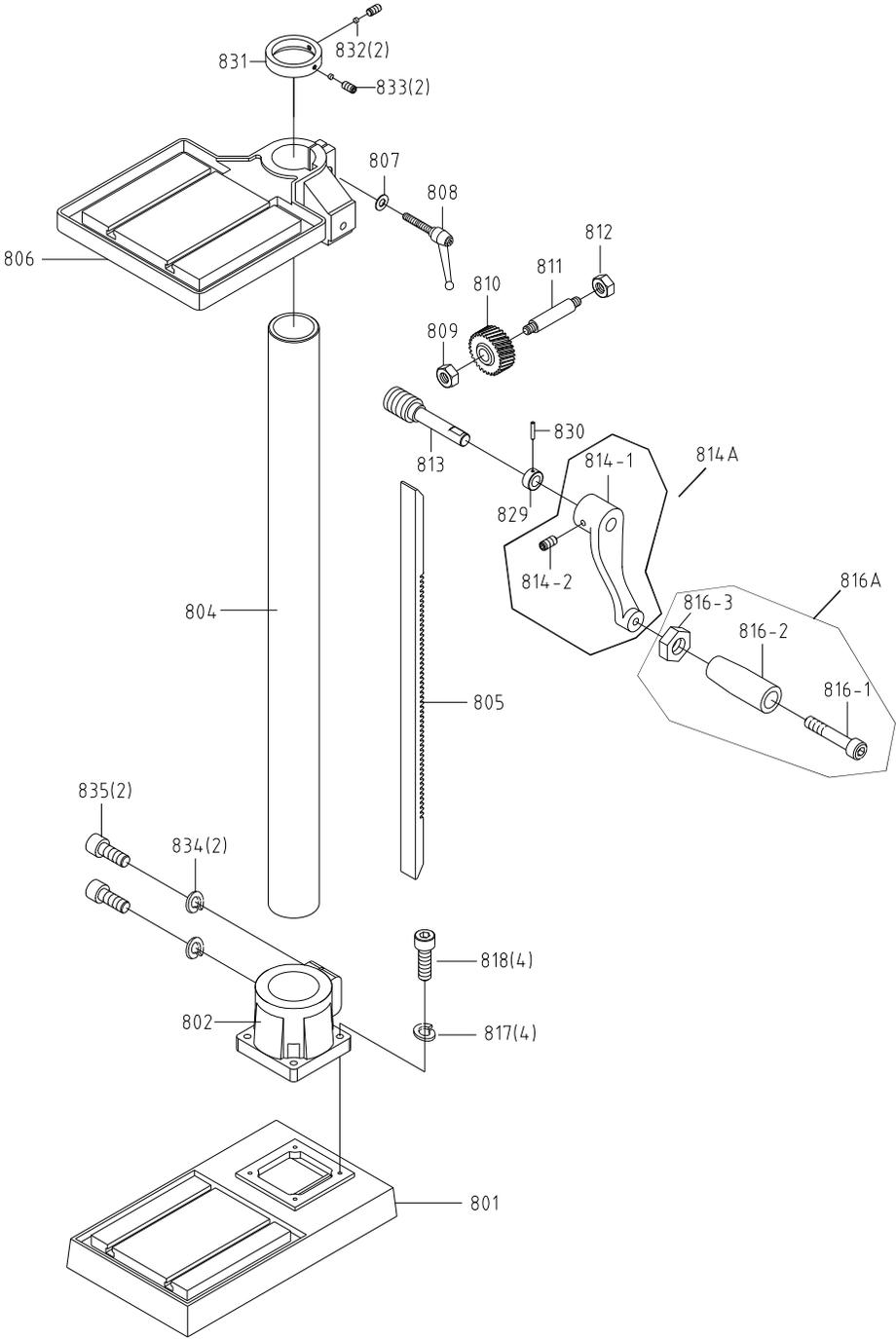


### 11.1.3 JDPE-20EVS series Electric Box Assembly – Exploded View





11.1.5 JDPE-20EVS series Column & Table Assembly – Exploded View



## 11.1.6 JDPE-20EVS series Drill Presses – Parts List

| Index No. | Part No.           | Description  | Size                | Qty |
|-----------|--------------------|--|---------------------|-----|
| 1         | JDPE20EVS-PDF-01   | Headstock Casting  |                     | 1   |
| 2A        | JDPE20EVS-PDF-2A   | Quill Assembly (#2-1~2-8, 3)                             |                     | 1   |
| 2-1       | HBS56MVS-096-10    | C-Retaining Ring, Ext                                    | S20                 | 1   |
| 2-2       | BB-6204ZZ          | Ball Bearing   | 6204ZZ              | 1   |
| 2-3       | JDPE20EVS-PDF-2-3  | Quill  | MT3                 | 1   |
| 2-4       | MBS-1211-150       | C-Retaining Ring, Ext                                    | S35                 | 1   |
| 2-5       | BB-6207ZZ          | Ball Bearing   | 6207ZZ              | 1   |
| 2-6       | JDPE20EVS-PDF-2-6  | Spindle  | MT3                 | 1   |
| 2-7       | F006095            | C-Retaining Ring, Int                                    | R72                 | 1   |
| 2-8       | JDPE20EVS-PDF-2-8  | Bearing Bottom Cover                                     | MT3                 | 1   |
| 3         | JDPE20EVS-PDF-3    | Rubber Cushion   |                     | 1   |
| 4A        | JDPE20EVS-PDF-4A   | Spindle Taper Sleeve Assembly                            |                     | 1   |
| 4-1       | EPR2-85            | C-Retaining Ring, Ext                                    | S30                 | 1   |
| 4-2       | BB-6006ZZ          | Ball Bearing   | 6006ZZ              | 2   |
| 4-3       | JDPE20EVS-PDF-4-3  | Bearing Bracket  |                     | 1   |
| 4-4       | JDPE20EVS-PDF-4-4  | Spindle Taper Sleeve                                     |                     | 1   |
| 5         | JDPE20EVS-PDF-5    | Spindle Pulley   |                     | 1   |
| 6         | JDPE20EVS-PDF-6    | Spindle Lock Nut   |                     | 1   |
| 7         | TS-1504041         | Socket Hd Cap Screw                                      | M8-1.25x20L         | 3   |
| 25-1      | JDPE20EVS-PDF-25-1 | Spring Base Assembly                                     |                     | 1   |
| 25-2      | B-119              | Spring Pin   | Ø3x12L mm           | 2   |
| 27        | TS-1533052         | Pan Head Screw   | M5-0.8x15L          | 3   |
| 28A       | JDPE20EVS-PDF-28A  | Spring Cover w/ Spring Assembly (#28-1~28-2)             |                     | 1   |
| 28-1      | JDPE20EVS-PDF-28-1 | Spring   |                     | 1   |
| 28-2      | JDPE20EVS-PDF-28-2 | Spring Cover   |                     | 1   |
| 29        | TS-2361061         | Lock Washer  | M6                  | 2   |
| 30        | TS-1550041         | Flat Washer  | M6                  | 1   |
| 31        | TS-1503041         | Socket Hd Cap Screw                                      | M6-1.0x15L          | 1   |
| 32        | TS-1524011         | Set Screw  | M8-1.25x8L          | 4   |
| 32-1      | JDPE20EVS-PDF-32-1 | Bushing  |                     | 4   |
| 33        | JDPE20EVS-PDF-33   | Fillister Head Screw                                     |                     | 1   |
| 34        | TS-1540071         | Hex Nut  | M10                 | 1   |
| 35        | JDPE20EVS-PDF-35   | Pulley Guard Assembly                                    |                     | 1   |
| 36        | JET-138            | JET Logo   | 138x57mm            | 1   |
| 39        | JDPE20EVS-PDF-39   | Hex Nut (Step Pulley only)                               | 5/8"                | 1   |
| 40A       | JDPE20EVS-PDF-40A  | Idle Pulley Shaft Assembly (#39~40-4) (Step Pulley only) |                     | 1   |
| 40-1      | JDPE20EVS-PDF-40-1 | Idle Pulley Shaft (Step Pulley only)                     |                     | 1   |
| 40-2      | JDPE20EVS-PDF-40-2 | Idle Pulley (Step Pulley only)                           |                     | 1   |
| 40-3      | BB-6204ZZ          | Ball Bearing (Step Pulley only)                          | 6204ZZ              | 2   |
| 40-4      | 20EVS-T44-1        | C-Retaining Ring, Int (Step Pulley only)                 | R47                 | 1   |
| 41        | 2210-260           | Double Rd Hd Key   | 6x6x40L mm          | 1   |
| 42        | JDPE20EVS-PDF-42   | Motor  | 1.5HP/220V/60HZ/3PH | 1   |
| 45        | JDPE20EVS-PDF-45   | Motor Bracket  |                     | 1   |
| 46        | TS-1504041         | Socket Hd Cap Screw                                      | M8-1.25x20L         | 3   |
| 47-1      | JDPE20EVS-PDF-47-1 | Motor Pulley   |                     | 1   |
| 47-2      | TS-0270031         | Set Screw  | 5/16"-18x3/8"L      | 4   |
| 47-3      | JDPE20EVS-PDF-47-3 | Bushing  |                     | 4   |
| 49        | TS-1550061         | Flat Washer  | M8x18x1.5mm         | 6   |
| 50        | TS-1504031         | Socket Hd Cap Screw                                      | M8-1.25x15L         | 6   |
| 51-1      | JDPE20EVS-PDF-51-1 | Control Panel Box  |                     | 1   |
| 51-2      | 5512222            | Pan Head Screw   | M6-1.0x15L          | 2   |
| 52A       | JDPE20EVS-PDF-52A  | Control Panel Assembly (#52, 52-1, 52-2, 60)             |                     | 1   |
| 52        | JDPE20EVS-PDF-52   | Control Panel  |                     | 1   |
| 52-1      | JDPE20EVS-PDF-52-1 | Acrylic Plate  |                     | 1   |
| 52-2      | JWL1221VS-128      | Pan Head Screw   | M3-0.5x5L           | 2   |
| 53        | JDPE20EVS-PDF-53   | Gear Belt  | 17-360C             | 1   |
| 54        | JDPE20EVSC-PDF-GBC | Gear Belt (Clutch only)                                  | 17-390C             | 2   |
|           | JDPE20EVS-PDF-53   | Gear Belt (Step Pulley only)                             | 17-360C             | 1   |
| 57        | JDPE20EVS-PDF-57   | Motor Support Bracket                                    |                     | 1   |

| Index No. | Part No.           | Description   | Size            | Qty |
|-----------|--------------------|---|-----------------|-----|
| 58        | JDPE20EVS-PDF-58   | Motor Bracket Shaft   |                 | 1   |
| 59        | TS-2246102         | Socket Hd Button Screw  | M6-1.0x10L      | 2   |
| 60        | JDPE20EVS-PDF-60   | Plastic Plug  | Ø12             | 2   |
| 63        | GHD20PF-97         | C-Retaining Ring, Ext   | S12             | 2   |
| 64        | JDPE20EVS-PDF-64   | Motor Bracket Handle  |                 | 1   |
| 65        | TS-1503041         | Socket Hd Cap Screw   | M6-1.0x15L      | 2   |
| 66        | JDPE20EVS-PDF-66   | Sensor Board  |                 | 2   |
| 67        | JDPE20EVS-PDF-67   | Sensor  |                 | 1   |
| 68        | JDPE20EVS-PDF-68   | Sensor Bracket  |                 | 1   |
| 69        | F001159            | Pan Head Screw  | M3-0.5x16L      | 2   |
| 70        | TS-1503041         | Socket Hd Cap Screw   | M6-1.0x15L      | 2   |
| 70-1      | JDPE20EVS-PDF-70-1 | Flat Washer   | Ø6.5xØ13xt0.8mm | 2   |
| 71A       | JDPE20EVS-PDF-71A  | Digital Readout Assembly (#71-1,71-2)                               |                 | 1   |
| 71-1      | JDPE20EVS-PDF-71-1 | Digital Display   |                 | 1   |
| 71-2      | JDPE20EVS-PDF-71-2 | PCB For Digital Display   |                 | 1   |
| 71-3      | TS-1534041         | Pan Head Screw  | M5-0.8x10L      | 2   |
| 71-6      | JDPE20EVS-PDF-71-6 | Forward/ Reverse Switch   |                 | 1   |
| 71-7      | JDPE20EVS-PDF-71-7 | Speed Control Switch w/ Knob Assembly                               |                 | 1   |
| 71-8      | JDPE20EVS-PDF-71-8 | EMG Stop Switch   |                 | 1   |
| 71-9      | JDPE20EVS-PDF-71-9 | Start/ Stop Switch  |                 | 1   |
| 72        | TS-1531012         | Pan Head Screw  | M3-0.5x6L       | 4   |
| 73        | JWBS14DP-4-3       | Set Screw (Step Pulley only)  | M8-1.25x35L     | 1   |
| 79        | TS-1540061         | Hex Nut   | M8              | 1   |
| 86        | JDPE20EVS-PDF-86   | Latch Seat  |                 | 1   |
| 87        | JDPE20EVS-PDF-87   | Latch   |                 | 1   |
| 88        | JDPE20EVS-PDF-88   | Drift Key   |                 | 1   |
| 89        | JDPE20EVSPDF1/2JT6 | Drill Chuck with Key  | 1/2"-JT6        | 1   |
| 90        | JDPE20EVSPDFMT3JT6 | Drill Chuck Arbor   | MT3-JT6         | 1   |
| 91        | TS-1503041         | Socket Hd Cap Screw   | M6-1.0x15L      | 2   |
| 92        | JDPE20EVS-PDF-92   | Latch Handle  |                 | 1   |
| 93        | TS-1540071         | Hex Nut   | M10-1.5         | 1   |
| 94        | TS-1491031         | Hex Cap Screw   | M10-1.5x25L     | 1   |
| 95        | TS-0680031         | Flat Washer   | 5/16"x18xt1.5mm | 4   |
| 96        | TS-1490031         | Hex Cap Screw   | M8-1.25x20L     | 4   |
| 100A      | JDPE20EVS-PDF-100A | Spindle Guard Assembly (#101~106)                                   |                 | 1   |
| 100-1     | JDPE20EVSPDF-100-1 | Spindle Guard   |                 | 1   |
| 100-2     | JDPE20EVSPDF100-2  | Support Rod   |                 | 1   |
| 100-3     | TS-2361051         | Lock Washer   | M5              | 2   |
| 100-4     | TS-1502021         | Socket Hd Cap Screw   | M5-0.8x10L      | 2   |
| 100-5     | JDPE20EVSPDF-100-5 | Rotary Seat   |                 | 1   |
| 100-6     | TS-1502041         | Socket Hd Cap Screw   | M5-0.8x15L      | 2   |
| 102       | JDPE20EVS-PDF-102  | Plate   |                 | 1   |
| 103A      | JDPE20EVSPDF103ACS | Electric Box Complete Assembly<br>(#103-1~103-30)                   | CSA version     | 1   |
|           | JDPE20EVSPDF-103A  | Electric Box Complete Assembly<br>(#103-1~103-23 and 103-25~103-27) | Non-CSA version | 1   |
| 103-1     | TS-1503041         | Socket Hd Cap Screw   | M6-1.0x15L      | 5   |
| 103-2     | TS-2361061         | Lock Washer   | M6              | 1   |
| 103-3     | JDPE20EVSPDF-103-3 | Stand-Off   |                 | 1   |
| 103-4     | JDPE20EVSPDF-103-4 | Rubber Stop   |                 | 1   |
| 103-5     | JDPE20EVSPDF-103-5 | Electric Box  |                 | 1   |
| 103-6     | JDPE20EVSPDF-103-6 | Electric Box Cover  |                 | 1   |
| 103-7     | TS-1532032         | Pan Head Screw  | M4-0.7x10L      | 6   |
| 103-8     | JDPE20EVSPDF-103-8 | Inverter  | 2HP 115V        | 1   |
|           | JDPE20EVSCPDF103-8 | Inverter (Clutch Type)  | 2HP 115V        | 1   |
| 103-9     | TS-1532032         | Pan Head Screw  | M4-0.7x10L      | 4   |
| 103-10    | JDPE20EVSPDF103-10 | Transformer   |                 | 1   |
| 103-11    | TS-1532032         | Pan Head Screw  | M4-0.7x10L      | 2   |
| 103-12    | JDPE20EVSPDF103-12 | Grounding Copper Plate  |                 | 1   |
| 103-13    | TS-1532032         | Pan Head Screw  | M4-0.7x10L      | 2   |
| 103-14    | JDPE20EVSPDF103-14 | Fuse Seat   | 281-661         | 1   |

| Index No. | Part No.            | Description                              | Size             | Qty |
|-----------|---------------------|--|------------------|-----|
| 103-15    | JDPE20EVSPDF103-2A  | Fuse                                     | 2A2CM            | 1   |
|           | JDPE20EVSPDF103CSA  | Fuse (CSA)                               | 2A2CM/CSA        | 1   |
| 103-16    | JDPE20EVSPDF103-16  | Relay                                    |                  | 1   |
| 103-17    | JDPE20EVSPDF103-17  | Aluminum Rail                            | 56MM             | 1   |
| 103-18    | TS-1532032          | Pan Head Screw                           | M4-0.7x10L       | 2   |
| 103-19    | JDPE20EVSPDF103-19  | Strain Relief                            | PG13.5           | 2   |
| 103-20    | JDPE20EVSPDF103-20  | Power Cord with Plug                     | SJT 3x14AWG 300V | 1   |
| 103-21    | LM000378            | Voltage Decal                            |                  | 1   |
| 103-22    | JDPE20EVSPDF103-22  | Control Cable                            |                  | 1   |
| 103-23    | CL-HV               | Label - Voltage Hazard                   |                  | 1   |
| 103-24    | JDPE20EVSPDF103-24  | Quick Plug (2P)                          |                  | 2   |
| 103-25    | JDPE20EVSPDF103-25  | Quick Plug (3P)                          |                  | 2   |
| 103-26    | JDPE20EVSPDF103-26  | Terminal                                 |                  | 6   |
| 103-27    | JDPE20EVSPDF103-27  | Shortage Plate                           |                  | 3   |
| 103-28    | JDPE20EVSPDF103-28  | Cooling Fan                              |                  | 1   |
| 103-29    | JDPE20EVSPDF103-29  | Control Cable                            |                  | 1   |
| 103-30    | JDPE20EVSPDF103-30  | Cooling Fan Grill                        |                  | 1   |
| 103-33    | JDPE20EVSPDF103-33  | Terminal Support Plate                   |                  | 1   |
| 104       | JDPE20EVS-PDF-104   | Snap Bushing                             | NB1419           | 1   |
| 120       | LM000379            | ID Label, JDPE-20EVS-PDF                 |                  | 1   |
|           | LM000380            | ID Label, JDPE-20EVSC-PDF                |                  | 1   |
| 121       | JDPE20EVSC-PDF-121  | Bearing Bracket (Clutch Only)            |                  | 1   |
| 122       | TS-1550061          | Flat Washer (Clutch Only)                | M8x18x1.6t       | 3   |
| 123       | TS-1490051          | Hex Cap Screw (Clutch Only)              | M8-1.25x30L      | 3   |
| 124       | JDPE20EVSC-PDF-124  | Control Bar (Clutch Only)                |                  | 1   |
| 125       | B-56                | Spring Pin (Clutch Only)                 | Ø3x20L mm        | 1   |
| 126       | JDPE20EVSC-PDF-126  | Crank Rod (Clutch Only)                  |                  | 1   |
| 127       | JDPE20EVSC-PDF-127  | Crank (Clutch Only)                      |                  | 1   |
| 128       | JDPE20EVSC-PDF-128  | Knob (Clutch Only)                       |                  | 1   |
| 129       | JDPE20EVSC-PDF-129  | Handle (Clutch Only)                     |                  | 1   |
| 130       | TS-0270031          | Set Screw (Clutch Only)                  | 3/8"-16x3/8"L    | 1   |
| 131       | JDPE20EVSC-PDF-131  | Hi/Low Speed Setting Block (Clutch Only) |                  | 1   |
| 132       | TS-0267052          | Set Screw (Clutch Only)                  | 1/4"-20x1/2"L    | 1   |
| 133       | JDPE20EVSC-PDF-133  | Spring (Clutch Only)                     |                  | 1   |
| 134       | SB-8MM              | Steel Ball (Clutch Only)                 | Ø8 or 5/16"      | 1   |
| 135       | JDPE20EVS-PDF-135   | Cable Clip                               |                  | 1   |
| 136       | TS-0051051          | Hex Cap Screw                            | 5/16"-18x1"L     | 1   |
| 140       | JDPE20EVSC-PDF-140  | Hi/Low Speed Label (Clutch Only)         |                  | 1   |
| 141       | JDPE20EVSC-PDF-141  | Rivet (Clutch Only)                      | Ø2x4L mm         | 1   |
| 142       | BB-630ZZ            | Ball Bearing (Clutch Only)               | 630ZZ            | 2   |
| 143       | KF2R5525            | Double Round Hd Key (Clutch Only)        | 5x5x25L mm       | 1   |
| 144       | JDPE20EVSC-PDF-144  | Key (Clutch Only)                        | 5x5x53L mm       | 1   |
| 145       | JDPE20EVSC-PDF-145  | Pulley Shaft (Clutch Only)               |                  | 1   |
| 146       | JDPE20EVSC-PDF-146  | Pulley (Clutch Only)                     |                  | 1   |
| 147       | JDPE20EVSC-PDF-147  | Spacer (Clutch Only)                     |                  | 1   |
| 148       | JDPE20EVSC-PDF-148  | Pulley (Clutch Only)                     |                  | 1   |
| 149       | BB-6203ZZ           | Ball Bearing (Clutch Only)               | SKF6203ZZ        | 2   |
| 150       | JDPE20EVSC-PDF-150  | Fixes Bracket (Clutch Only)              |                  | 1   |
| 151       | TS-1512031          | Socket Hd Flat Screw (Clutch Only)       | M4-0.7x15L       | 4   |
| 152       | JDPE20EVS-PDF-152   | Crank Support (Clutch Only)              |                  | 1   |
| 152-1     | JDPE20EVS-PDF-152-1 | Compressed Spring                        |                  | 1   |
| 152-2     | SB-4MM              | Steel Ball                               | Ø4mm             | 1   |
| 153       | TS-1512031          | Socket Hd Flat Screw (Clutch Only)       | M4-0.7x15L       | 4   |
| 154       | JDPE20EVSC-PDF-154  | Fixed Bracket (Clutch Only)              |                  | 1   |
| 155       | BB-6203ZZ           | Ball Bearing (Clutch Only)               | SKF6203ZZ        | 2   |
| 156       | JDPE20EVSC-PDF-156  | Pulley (Clutch Only)                     |                  | 1   |
| 157       | JDPE20EVSC-PDF-157  | Spacer (Clutch Only)                     |                  | 1   |
| 158       | BB-630ZZ            | Ball Bearing (Clutch Only)               | 630ZZ            | 1   |
| 159       | F006077             | C-Retaining Ring, Int (Clutch Only)      | R42              | 1   |
| 160       | JDPE20EVSC-PDF-160  | Idler Pulley Support (Clutch Only)       |                  | 1   |
| 161       | TS-1550061          | Flat Washer (Clutch Only)                | M8x18x1.5mm      | 2   |
| 162       | TS-1490041          | Hex Cap Screw (Clutch Only)              | M8-1.25x25L      | 2   |

| Index No. | Part No.           | Description                       | Size           | Qty |
|-----------|--------------------|-----------------------------------|----------------|-----|
| 163       | GHD20-126          | Lamp Base                         |                | 1   |
| 164       | TS-1503031         | Socket Hd Cap Screw               | M6-1.0x12L     | 2   |
| 165       | TS-2284352         | Pan Head Screw                    | M4-0.7x35L     | 2   |
| 166       | MD40GH-123         | Led Lamp                          | 110V           | 1   |
| 166A      | JDPE20EVS-PDF-LEDA | Led Assembly (#163,165,166)       | 115V with Plug | 1   |
| 167       | JDPE20EVS-PDF-167  | Cable Clip                        |                | 1   |
| 168       | TS-1482011         | Hex Cap Screw                     | M6-1.0x10L     | 1   |
| 401A      | JDPE20EVS-PDF-401A | Power Down Feed Compound Assembly |                | 1   |
| 401-1     | JDPE20EVSPDF401-1  | Gear Box                          |                | 1   |
| 401-2     | BB-6003ZZ          | Ball Bearing                      | 6003ZZ         | 4   |
| 401-3     | 2450082A           | Speed Change Lever                |                | 1   |
| 401-4     | 2450084A           | Spring Leaf                       |                | 1   |
| 401-5     | GHD20PF-357        | Spring Pin                        | Ø3x10L mm      | 2   |
| 401-6     | 2450083A           | Stop Key                          |                | 1   |
| 401-7     | 2450089A           | Fixed Bushing                     |                | 1   |
| 401-8     | TS-1523011         | Set Screw                         | M6-1.0x6L      | 2   |
| 401-9     | 2450074A           | Washer                            |                | 4   |
| 401-10    | 2450072A           | Gear                              | M2x28T         | 1   |
| 401-11    | 2450071A           | Gear                              | M2x24T         | 1   |
| 401-12    | 2450070A           | Gear                              | M2x19T         | 1   |
| 401-13    | 2450073A           | Shaft                             |                | 1   |
| 401-14    | GHD20PF-379        | Double Rd Hd.Key                  | 5x5x28L mm     | 1   |
| 401-15    | 2450008            | Worm Gear                         | M1.75x25T      | 1   |
| 401-16    | TS-1523011         | Set Screw                         | M6-1.0x6L      | 2   |
| 401-17    | F006033            | C-Retaining Ring, Int.            | R33            | 2   |
| 401-18    | 668129             | Plug                              |                | 1   |
| 401-19    | 2450079            | Speed Dial                        |                | 1   |
| 401-20    | GHD20PF-233        | Pan Head Screw                    | M4-0.7x25L     | 1   |
| 401-21    | 290089             | Spring                            |                | 1   |
| 401-22    | SB-8MM             | Steel Ball                        | Ø8mm           | 1   |
| 401-23    | 2450051            | Pin                               |                | 1   |
| 401-24    | 2450020            | Release Block                     |                | 1   |
| 401-25    | GHD20PF-380        | C-Retaining Ring, Int.            | S19            | 1   |
| 401-26    | 2450077A           | Gear                              | M2x30T         | 1   |
| 401-27    | 2450076A           | Gear                              | M2x25T         | 1   |
| 401-28    | 2450075A           | Gear                              | M2x21T         | 1   |
| 401-29    | JDPE20EVSPDF401-29 | Transfer Worm Shaft               |                | 1   |
| 401-30    | GHD20PF-265        | Double Rd. Hd. Key                | 5x5x32L mm     | 1   |
| 401-31    | 2450081A           | Gear Shaft                        |                | 1   |
| 401-32    | GHD20-148          | C-Retaining Ring, Ext             | S15            | 1   |
| 401-33    | JDPE20EVSPDF401-33 | Washer                            |                | 1   |
| 401-34    | 2450054            | Spring                            |                | 1   |
| 401-35    | 2450052            | Worm Shaft                        |                | 1   |
| 401-36    | TS-1523011         | Set Screw                         | M6-1.0x6L      | 2   |
| 401-37    | 2450053            | Clutch Block                      |                | 1   |
| 401-38    | BB-6003ZZ          | Ball Bearing                      | 6003ZZ         | 2   |
| 401-39    | GHD20PF-296        | Key Double Rd Hd                  | 5x5x10L mm     | 1   |
| 401-40    | JDPE20EVSPDF401-40 | Transfer Shaft                    |                | 1   |
| 401-41    | S0400545           | Key Double Rd Hd                  | 5x5x45L mm     | 1   |
| 401-42    | JDPE20EVSPDF401-42 | Bushing                           |                | 1   |
| 401-43    | JDPE20EVSPDF401-43 | Cover                             |                | 1   |
| 401-45    | GHD20-10           | C-Retaining Ring, Ext             | S17            | 1   |
| 402       | JDPE20EVS-PDF-402  | Grease Fitting                    | 1/8"x45°       | 1   |
| 403-1     | JDPE20EVSPDF403-1  | Cover                             |                | 1   |
| 403-2     | F001230            | Pan Head Screw                    | M4-0.7x4L      | 3   |
| 403-3     | GHD20PF-244        | C-Retaining Ring, Ext             | S25            | 1   |
| 403-4     | 2450024            | Clutch Key Base                   |                | 1   |
| 403-5     | 2450026            | Clutch Key                        |                | 2   |
| 403-6     | 2450097            | Clutch Key Pin                    | Ø7x23L mm      | 2   |
| 403-7     | 2450028            | Spring                            |                | 2   |
| 403-8     | 2450027            | Spring Pin                        |                | 2   |
| 403-9     | 2450023            | Worm Gear                         |                | 1   |

| Index No. | Part No.           | Description                                    | Size              | Qty |
|-----------|--------------------|--|-------------------|-----|
| 403-10    | 2450022A           | Cylindrical Key                                |                   | 2   |
| 403-11    | JDPE20EVSPDF403-11 | Pinion Shaft                                   |                   | 1   |
| 403-12    | GHD20PF-376        | E-Retainer Ring                                | E5                | 1   |
| 403-13    | 2450096            | Clutch Screw                                   |                   | 1   |
| 403-14    | 2450095            | Clutch Nut                                     |                   | 1   |
| 404       | GHD20PF-40         | Screw  | 3/16"-18x3/8"L    | 1   |
| 407A      | JDPE20EVS-PDF-407A | Clutch Handle Assembly (#407-1~407-12,422,423) | Inch              | 1   |
| 407-1     | 2450087A           | Clutch Bushing                                 |                   | 1   |
| 407-2     | 2450030            | Bushing Pin                                    |                   | 1   |
| 407-3     | 2450031            | Bushing Stop                                   |                   | 1   |
| 407-4     | 2450032            | Scale Base                                     | Inch              | 1   |
| 407-5     | GHD20PF-332        | Pin  | Ø5x15L mm         | 1   |
| 407-6     | 2450037            | Handle Hub                                     |                   | 1   |
| 407-7     | 2450039            | Handle Rod Pin                                 |                   | 2   |
| 407-8     | 2450033            | Scale Base Set Screw                           |                   | 1   |
| 407-9     | 2450038N           | Handle Rod                                     |                   | 2   |
| 407-10    | 2450063            | Handle   |                   | 1   |
| 407-11    | TS-0640081         | Hex Nut  | 5/16"             | 1   |
| 407-12    | GHD20PF-346        | Manual Feed Knob                               | 5/16"-18x3/4"L    | 1   |
| 408       | TS-1504101         | Socket Hd Cap Screw                            | M8-1.25x50L       | 4   |
| 409       | 2450060            | Pointer  |                   | 2   |
| 410       | GHD20PF-249        | Rivet  | Ø2x4L mm          | 4   |
| 411       | GHD20PF-370        | Speed Scale                                    | Inch              | 1   |
| 418-1     | JDPE20EVSPDF418-1  | Power Feed Transfer Pulley                     |                   | 1   |
| 418-2     | TS-1524011         | Set Screw                                      | M8-1.25x8L        | 2   |
| 420       | JDPE20EVS-PDF-420  | Rubber Tubular Belt                            | Ø8x565 mm         | 1   |
| 422       | TS-0680031         | Flat Washer                                    | 5/16"x23x2t       | 1   |
| 423       | TS-1504021         | Socket Hd Cap Screw                            | M8x12L            | 1   |
| 424       | JDPE20EVS-PDF-424  | Gasket   |                   | 1   |
| 801       | JDPE20EVS-PDF-801  | Base   |                   | 1   |
| 802       | JDPE20EVS-PDF-802  | Column Base                                    |                   | 1   |
| 804       | JDPE20EVS-PDF-804  | Column   |                   | 1   |
| 805       | JDPE20EVS-PDF-805  | Rack   |                   | 1   |
| 806       | JDPE20EVS-PDF-806  | Table  |                   | 1   |
| 807       | TS-2360121         | Flat Washer                                    | M12               | 1   |
| 808       | JDPE20EVS-PDF-808  | Lever Handle                                   |                   | 1   |
| 809       | TS-1540081         | Hex Nut  | M12               | 1   |
| 810       | JDPE20EVS-PDF-810  | Worm Gear                                      |                   | 1   |
| 811       | JDPE20EVS-PDF-811  | Worm Gear Shaft                                |                   | 1   |
| 812       | TS-1540081         | Hex Nut  | M12               | 1   |
| 813       | JDPE20EVS-PDF-813  | Worm Rod                                       |                   | 1   |
| 814A      | JDPE20EVS-PDF-814A | Crank Assembly (#814-1,814-2)                  |                   | 1   |
| 814-1     | JDPE20EVSPDF814-1  | Crank  |                   | 1   |
| 814-2     | TS-0271051         | Set Screw                                      | 3/8"-16x1/2"      | 1   |
| 816A      | JDPE20EVS-PDF-816A | Handle Assembly (#816-1~816-3)                 |                   | 1   |
| 816-1     | JDPE20EVSPDF816-1  | Screw  | 3/8"-16UNCx3-1/2" | 1   |
| 816-2     | JDPE20EVSPDF816-2  | Handle   |                   | 1   |
| 816-3     | TS-0561031         | Hex Nut  | 3/8"              | 1   |
| 817       | TS-2361121         | Lock Washer                                    | M12               | 4   |
| 818       | TS-1506091         | Socket Hd Cap Screw                            | M12-1.75x60L      | 4   |
| 829       | JDPE20EVS-PDF-829  | Spacer   |                   | 1   |
| 830       | HBS814GH-020       | Spring Pin                                     | Ø5x34L mm         | 1   |
| 831       | JDPE20EVS-PDF-831  | Column Flange Ring                             |                   | 1   |
| 832       | JDPE20EVS-PDF-832  | Bushing  |                   | 2   |
| 833       | TS-1525011         | Set Screw                                      | M10-1.5x10        | 2   |
| 834       | TS-2361161         | Lock Washer                                    | M16               | 2   |
| 835       | F005494            | Socket Hd Cap Screw                            | M16-2.0x50        | 2   |
|           | TS-152706          | Hex Wrench                                     | 4MM               | 1   |
|           | TS-152705          | Hex Wrench                                     | 5MM               | 1   |
|           | TS-152704          | Hex Wrench                                     | 3MM               | 1   |