



# Operating Instructions and Parts Manual 12" and 14" Abrasive Cut-off Saws

Models AB-12, AB-14



AB-12

AB-14

**For machines with serial no. 16110010 and higher**

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## 12.2.2 AB-14 Abrasive Saw – Parts List

| Index No | Part No         | Description                         | Size              | Qty |
|----------|-----------------|-------------------------------------|-------------------|-----|
| 1        | TS-1504041      | Socket Head Cap Screw               | M8x20             | 4   |
| 2        | TS-1550061      | Flat Washer                         | 8mm               | 6   |
| 3        | AB12-03         | Spring pin                          | 6x12 mm           | 1   |
| 4        | AB12-04         | Pull rod                            |                   | 1   |
| 5        | TS-1503061      | Socket Head Cap Screw               | M6x25             | 2   |
| 6        | TS-1550041      | Flat Washer                         | 6mm               | 12  |
| 7        | AB12-07         | Ring                                |                   | 2   |
| 8        | TS-2311061      | Hex Nut                             | M6                | 1   |
| 9        | AB12-09         | Plate                               |                   | 1   |
| 10       | F006056         | Ext. Retaining Ring                 | 45 mm             | 1   |
| 11       | AB14-11         | Blade Guard A                       |                   | 1   |
| 12       | AB14-12         | Blade Guard B                       |                   | 1   |
| 13       | TS-1490061      | Hex Cap Screw                       | M8x35             | 2   |
| 14       | TS-1491121      | Hex Cap Screw                       | M10x70            | 1   |
| 15       | TS-2311101      | Hex Nut                             | M10               | 1   |
| 16       | AB12-16-230     | Motor (for s/n 16110001~16110009)   | 5HP 230V 3PH      | 1   |
|          | AB12-16-230/460 | Motor (for s/n 16110010 and higher) | 5HP 230/460 3PH   | 1   |
|          | AB12-16-1       | Motor Fan Cover (not shown)         |                   | 1   |
|          | AB12-16-2       | Motor Fan (not shown)               |                   | 1   |
|          | AB12-16-3       | Junction Box (not shown)            |                   | 1   |
|          | AB12-16-4       | Junction Box Cover (not shown)      |                   | 1   |
| 17       | EPR1460-89-2    | Key, Double Rd Hd                   | 8x8x30mm          | 2   |
| 18       | TS-1524031      | Socket Set Screw                    | M8x12             | 3   |
| 19       | AB12-10         | Motor Pulley                        |                   | 1   |
| 20       | TS-1491031      | Hex Cap Screw                       | M10x25            | 10  |
| 21       | TS-1550071      | Flat Washer                         | 10mm              | 8   |
| 22       | AB12-22         | Motor Base                          |                   | 1   |
| 23       | TS-1503031      | Socket Head Cap Screw               | M6x12             | 2   |
| 24       | TS-2361061      | Lock Washer                         | 6mm               | 4   |
| 25       | AB12-25         | Baffle                              |                   | 1   |
| 26       | AB12-26         | Electrical Box Mount                |                   | 1   |
| 27       | VB-A940         | Belt                                | A940              | 2   |
| 28       | AB12-28         | Belt Guard                          |                   | 1   |
| 29       | TS-1533032      | Machine Screw, Pan Head             | M5x10             | 2   |
| 30       | AB12-30         | Switch Handle                       |                   | 1   |
| 31       | TS-1524051      | Socket Set Screw                    | M8x20             | 3   |
| 32       | AB12-32         | Spindle Pulley                      |                   | 1   |
| 33       | AB12-33         | Handle Shank                        |                   | 1   |
| 34       | AB12-34         | Spring Lock Assembly                | MS720-2           | 1   |
| 35       | TS-2311141      | Hex Nut                             | M14               | 1   |
| 36       | AB12-36         | Brace                               |                   | 1   |
| 37       | TS-2311101      | Hex Nut                             | M10               | 2   |
| 38       | AB12-38         | Lock Bolt                           | M8X40             | 2   |
| 39       | BB-6206ZZ       | Ball Bearing                        | 6206-ZZ           | 2   |
| 40       | AB12-40         | Spindle                             |                   | 1   |
| 41       | 5509207         | Key, Double Rd Hd                   | 5x5x20mm          | 1   |
| 42       | AB12-42         | Cover                               |                   | 1   |
| 43       | TS-1482031      | Hex Cap Screw                       | M6x16             | 4   |
| 44       | AB12-44         | Inner Flange                        |                   | 1   |
| 45       | AB14-45         | Blade                               | Φ350 x ø25.4x3 mm | 1   |
| 46       | AB12-46         | Outer Flange                        |                   | 1   |
| 47       | AB12-47         | Hex Nut                             |                   | 1   |
| 48       | AB12-48         | Pad                                 |                   | 2   |
| 49       | AB12-49         | Eccentric Sheath                    |                   | 1   |
| 50       | AB14-50         | Rotary Arm                          |                   | 1   |
| 51       | AB12-51         | Eccentric Shaft                     |                   | 1   |
| 52       | AB12-52         | Shaft                               |                   | 1   |
| 53       | AB14-53         | Rear Clamping Body                  |                   | 1   |
| 54       | AB14-54         | Rubber Pad                          |                   | 2   |
| 55       | AB14-55         | Press Plate                         |                   | 2   |

| Index No. | Part No.         | Description                               | Size               | Qty |
|-----------|------------------|---|--------------------|-----|
| 56        | TS-1534052       | Machine Screw, Pan Head                   | M6x16              | 4   |
| 57        | TS-1505011       | Socket Head Cap Screw                     | M10X16             | 1   |
| 58        | AB14-58          | Support Saddle                            |                    | 1   |
| 59        | AB14-59          | Guiding Shaft                             |                    | 2   |
| 60        | AB14-60          | Handle Seat                               |                    | 1   |
| 61        | AB14-61          | Hex Nut                                   | M20x2              | 1   |
| 62        | AB14-62          | Cap                                       |                    | 1   |
| 63        | AB14-63          | Handle Lever                              |                    | 3   |
| 64        | AB14-64          | Handle Ball                               |                    | 3   |
| 65        | TS-1505061       | Socket Head Cap Screw                     | M10x40             | 4   |
| 66        | AB14-66          | Front Clamping Body                       |                    | 1   |
| 67        | BB-6205ZZ        | Ball Bearing                              | 6205-2Z            | 1   |
| 68        | AB14-68          | Vise Plate                                |                    | 2   |
| 69        | AB14-69          | Vise Plate                                |                    | 2   |
| 70        | AB14-70          | Vise Leadscrew                            |                    | 1   |
| 71        | AB14-71          | Positioning Block                         |                    | 1   |
| 72        | TS-1505041       | Socket Head Cap Screw                     | M10x30             | 1   |
| 73        | AB12-114         | Connecting Bar                            |                    | 1   |
| 74        | AB12-115         | Star Grip Knob                            |                    | 1   |
| 75        | AB12-116         | Stop Block                                |                    | 1   |
| 76        | TS-1523031       | Socket Set Screw                          | M6x10              | 1   |
| 77        | AB14-77          | Base                                      |                    | 1   |
| 78        | AB14-78          | Shaft                                     |                    | 1   |
| 79        | AB12-79          | Lock Handle                               |                    | 1   |
| 80        | AB12-80          | Nut                                       |                    | 1   |
| 81        | AB12-81          | Stand                                     |                    | 1   |
| 82        | AB12-82          | Door                                      |                    | 1   |
| 83        | AB12-83          | Cover                                     |                    | 1   |
| 84        | AB12-84          | Electrical Box                            |                    | 1   |
| 85        | AB12-85          | Emergency Switch                          | XB2-ES542          | 1   |
| 86        | AB12-86          | Main Switch                               | SA1 ZH-DH-2        | 1   |
| 87        | AB12-87          | Circuit Breaker                           | NB1-63 2P2A        | 1   |
| 88        | AB12-88          | Circuit Breaker                           | NB1-63 1P1A        | 1   |
| 89        | AB12-89          | A.C. Contactor                            | CU-18 AC24V        | 1   |
| 90        | AB12-90          | Caliper Gauge                             |                    | 2   |
| 91        | AB12-91-230V     | Transformer (for s/n 16110001~16110009)   | JCY-63 220/24V     | 1   |
|           | AB12-91-230/460V | Transformer (for s/n 16110010 and higher) | JCY-63 230/460/24V | 1   |
| 92        | AB12-92          | Grounding Copper Bar                      |                    | 1   |
| 93        | AB12-93          | Thermal Relay                             | RHU-10 6A 11.3-16A | 1   |
| 94        | AB12-94          | Subplate                                  |                    | 1   |
| 95        | TS-2284082       | Machine Screw, Pan Head                   | M4x8               | 12  |
| 96        | TS-1550021       | Flat Washer                               | 4mm                | 12  |
| 97        | AB12-97          | Strain Relief                             | M20x1.5            | 2   |
| 98        | AB12-98          | Wire                                      | 14AWG              | 3   |
| 99        | AB12-99          | Strain Relief                             | M16x1.5            | 1   |
| 100       | TS-2361041       | Lock Washer                               | 4mm                | 12  |
| 101       | AB12-101         | Cover                                     |                    | 2   |
| 102       | TS-1550021       | Flat Washer                               | 4mm                | 2   |
| 103       | TS-1501021       | Socket Head Cap Screw                     | M4x8               | 2   |
| 105       | AB12-105         | Terminal Block                            |                    | 1   |
| 106       | AB14-106         | Spark Collector                           |                    | 1   |
| 107       | TS-1533032       | Machine Screw, Pan Head                   | M5x10              | 2   |
| 108       | TS-1550031       | Flat Washer                               | 5mm                | 2   |
| 109       | TS-2361051       | Lock Washer                               | 5mm                | 3   |
| 110       | AB12-110         | Control Panel                             |                    | 1   |
| 111       | AB12-111         | Rubber Grip                               |                    | 1   |
| 112       | AB14-112         | Scale                                     |                    | 1   |
| 113       | AB12-113         | Rivet                                     | 2x6mm              | 2   |
| 114       | AB14-114         | Connecting Plate                          |                    | 1   |
| 115       | AB14-115         | Spring                                    |                    | 1   |
| 116       | AB14-116         | Pin Shaft                                 |                    | 1   |
| 117       | F006039          | Ext. C-Ring                               | 8mm                | 2   |

| <b>Index No.</b> | <b>Part No.</b> | <b>Description</b>                  | <b>Size</b> | <b>Qty</b> |
|------------------|-----------------|-------------------------------------|-------------|------------|
| 118              | AB14-118        | Handle Ball                         | M8          | 1          |
| 119              | TS-1514021      | Socket Head Flat Screw              | M6x16       | 2          |
| 120              | TS-154010       | Hex Nut                             | M16         | 1          |
| 121              | AB12-117        | Stop Rod                            |             | 1          |
|                  | JET-165         | JET Logo (not shown)                | 165x68 mm   | 1          |
|                  | LM000274        | ID/Warning Label, AB-14 (not shown) |             | 1          |
|                  | LM000275        | Motor Label, AB-14 (not shown)      |             | 1          |