Parts Page Reorder No. PD08•56
Effective September, 2008
Supersedes PD08•15

# Electric Dynafile® II

***Tool Manual – Safety, Operation and Maintenance***

**SAVE THIS DOCUMENT, EDUCATE ALL PERSONNEL**

***Models:***

**40600 – 120 V/60 Hz**

**40601 – Versatility Kit**

(Contains Model 40600, Accessories and Carrying Case)



## ⚠ WARNING

**Read and understand this tool manual before operating your tool. Follow all safety rules for the protection of operating personnel as well as adjacent areas. For safety information, refer to Code of Federal Regulation – CFR 29 Part 1910, – Safety Requirements and applicable State and Local Regulations.**

## SAFETY LEGEND



**⚠ WARNING**

**Read and understand tool manual before work starts to reduce risk of injury to operator, visitors, and tool.**

**⚠ WARNING**

**Practice safety requirements. Work alert, have proper attire, and do not operate tools under the influence of alcohol or drugs.**





**⚠ WARNING**

**Eye protection must be worn at all times, eye protection to conform to ANSI Z87.1.**

**⚠ WARNING**

**Ear protection to be worn when exposure to sound, exceeds the limits of applicable Federal, State or local statues, ordinances and/or regulations.**





**⚠ WARNING**

**Respiratory protection to be used when exposed to contaminants that exceed the applicable threshold limit values required by law.**

**⚠ WARNING**

**Electric shock hazard. Avoid bodily contact with grounded objects, bodies of water. Do not damage cord set.**



**⚠ WARNING**

**Some dust created by sanding, grinding, drilling, and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:**

- Lead from lead-based paints
- Crystalline silica from bricks and cement and other masonry products
- Arsenic and chromium from chemically treated lumber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

**Caution:** Hand, wrist and arm injury may result from repetitive work, motion and overexposure to vibration.

**Tool Intent: Dynabrade Electric Dynafile® II used to sand, debur, blend and polish; metal, wood, stone, fiberglass or plastic surfaces.**

### *GENERAL POWER TOOL SAFETY WARNINGS*

**⚠ WARNING** **Read all safety warnings and all instructions.** *Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.*

**SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE**

*The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.*

**Work Area safety**

1. **Keep your work area clean and well lit.** *Cluttered or dark areas invite accidents.*
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** *Power tools create sparks which ignite the dust or fumes.*
3. **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

**Electrical Safety**

1. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
2. **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
3. **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
4. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*

(continued on next page)

**Electrical Safety (Continued)**

5. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
6. **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

**Personal Safety**

1. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use power tool while you are tired or under the influence of drugs, alcohol, or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
2. **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as dust masks, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injury.*
3. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.*
4. **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
5. **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
6. **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** *Loose clothes, jewelry or long hair can be caught in moving parts.*
7. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*

**Power Tool Use and Care**

1. **Do not force the power tool. Use the correct power tool for your application.** *The correct tool will do the job better and safer at the rate for which it was designed.*
2. **Do not use the power tool if switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
3. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tool.** *Such preventative safety measures reduce the risk of starting the power tool accidentally.*
4. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
5. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*
6. **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
7. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be per formed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*

**Service**

1. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

## *SPECIFIC SAFETY RULES*

1. **Hold power tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.
2. **Use a vise or clamping device to restrain work piece.**

(See Definitions for label symbols on pg. 4)

## *TOOL DESCRIPTION*

**Dynafile II** – Is a electric hand tool with a moving narrow belt. Tool is equipped as shown on page 3 and 4.

## *ASSEMBLY and OPERATION INSTRUCTIONS*

1. With power source disconnected from tool rotate head to desired position and tighten set screw with hex wrench provided to clamp.
2. Connect power source to tool. Be careful not to depress switch in the process.
3. Hold tool by the motor housing only. One or two hands may be used. Do Not hold tool by head/housing assembly. Keep hands away from all grinding/sanding edges and moving parts. A side handle is included for two hand operation of tool. (See "Installing Side Handle" Instructions, pg. 3.)
4. Depress switch to start tool. Switch can be locked with button on side of handle, depress switch to release.
5. Adjust belt tracking by turning **95218** Adjustment Knob to the left or right accordingly, so as abrasive belt rides evenly over contact arm.
6. Working off the return path of the abrasive belt will ensure superior tracking.

## *MAINTENANCE and ACCESSORY CARE INSTRUCTIONS*

**Important:** A preventative maintenance program is recommended whenever portable power tools are used.

- Use only genuine Dynabrade replacement parts to insure quality. To order replacement parts, specify **Model #**, **Serial #** and **RPM** of your tool.

**Routine Preventative Maintenance:**

- Mineral spirits are recommended when cleaning the sanding heads. Do not use on electrical components or clean tool or parts with any solvents or oils containing acids, esters, ketones, chlorinated hydrocarbons or nitro carbons. Compressed air may be used to remove dirt from electrical components.
- DO NOT clean or maintain tools with chemicals that have a low flash point (example: WD-40®).
- Tool labels must be kept legible at all times, if not, reorder label(s) and replace. User is responsible for maintaining specification information i.e.: Model #, S/N, and RPM. (See Assembly Breakdown)
- Visually inspect plugs and cords for frays, visible damage and signs of deterioration. Damaged or worn components must be replaced by Dynabrade to avoid a safety hazard.
- Brush Changing – Unplug tool, remove brush caps and remove brushes. Install new brushes, and replace brush caps. Change brushes every 100 hrs. to ensure proper tool function. After changing brushes, it is recommended to replace the right angle gear grease with **95542 Grease**.
- **After maintenance is performed on tool check for excessive tool vibration.**
- **Check for excessive current leakage at 550 volts with a current leakage checker on all screws and the gear case, if the electrical components have been disturbed during repair.**

**Handling and Storage of Tool and Accessories:**

- Use of tool rests, hangers and/or balancers is recommended.
- DO NOT carry tool by cord.
- Protect abrasive accessories from exposure to water, solvents, high humidity, freezing temperature and extreme temperature changes.
- Store accessories in protective racks or compartments to prevent damage.

## *Abrasive Belt/Contact Arm Change Instructions (Ref pg. 4)*

To Change Belt:

1. Disconnect tool from the power source.
2. Loosen the **15329** Screw and remove the **15312** Belt Guard.
3. Pull back the **15306** Tension Arm and remove the abrasive belt.
4. Install a new abrasive belt, and the **15312** Belt Guard.
5. Adjust belt tracking by turning **95218** Adjustment Knob to the left or right accordingly, so as abrasive belt rides evenly over contact arm.
6. Connect tool to power source.

To Change Contact Arm Assembly:

1. Disconnect the tool from the power source.
2. Loosen the **15329** Screw and remove the **15312** Belt Guard.
3. Pull back the **15306** Tension Arm and remove the abrasive belt.
4. Loosen the **95218** Adjustment Knob to remove the contact arm assembly.
5. Install the desired contact arm assembly (Ref pg. 6) so that the tab on the end of the arm faces toward the **15306** Tension Arm.
6. Fasten the contact arm assembly in place with the **95218** Adjustment Knob.
7. Install a new abrasive belt, and the **15312** Belt Guard.
8. Adjust the belt tracking by turning the **95218** Knob.desired position and retighten screw.

**Housing Angle Adjustment:** To pivot the **15372** Belt Housing Assembly, use a 9/64" hex key to loosen the **95311** Screw. Pivot the belt housing assembly to the desired position and retighten screw.

**Installing Side Handle:** The **89351** Side Handle may be installed on either side of the gearbox housing, for right or left hand operation. To install, thread side handle into socket and tighten securely.







## *Abrasive Types and Cloth Polishing Belts*

### Aluminum Oxide

The most widely used abrasive grain. This tough durable synthetic is used for grinding and deburring high carbon steels, general metalworking and for sanding certain hardwoods.

### Ceramic Aluminum Oxide

Synthetic grain two-to-three times tougher than conventional aluminum oxide.

### Silicon Carbide

Excellent for sanding primer and sealer. This sharp, fast-penetrating grain is used for sanding soft materials such as plastics and fibrous wood.

### Alumina Zirconia

Effective for coarse stock removal of metal and wood. This synthetic grain has self-sharpening characteristics and provides continuous new cutting edges for longer life and greater efficiency.

### Abrasive Impregnated Non-Woven Nylon

A non-woven synthetic fiber and an abrasive mineral are bonded together to form a tough, open web that is chemically resistant and long-lasting. This web design allows controlled conformable contact to workpiece contours, corners and edges. The product wears away slowly, exposing new abrasive leaving a uniform, consistent surface. It also conditions surfaces without removing or damaging the base material and is excellent for deburring, cleaning, blending and final finishing of metal, wood and plastics. It is available in many forms such as belts, discs and wheels. Various mineral grades are available ranging from very coarse to ultra-fine.

### Cloth Polishing Belts

Used on power tools in conjunction with Dynuba® polishing compounds. The result is brilliant cut, color and luster on metals such as stainless steel, aluminum, copper and brass.

**All abrasive accessories may be found in the most current Dynabrade® Catalog and abrasive literature.**

## One Year Warranty

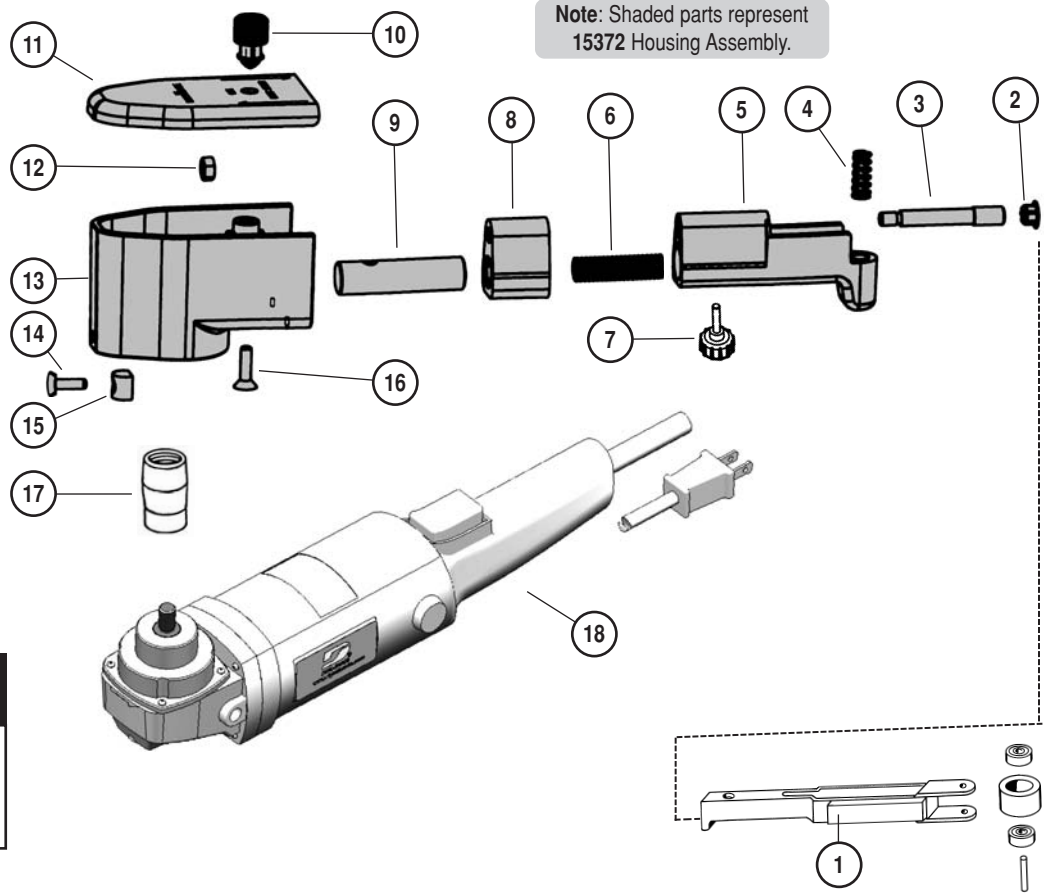
Following the reasonable assumption that any inherent defect which might prevail in a product will become apparent to the user within one year from the date of purchase, all equipment of our manufacture is warranted against defects in workmanship and materials under normal use and service. We shall repair or replace at our factory, any equipment or part thereof which shall, within one year after delivery to the original purchaser, indicate upon our examination to have been defective. Our obligation is contingent upon proper use of Dynabrade tools in accordance with factory recommendations, instructions and safety practices. It shall not apply to equipment which has been subject to misuse, negligence, accident or tampering in any way so as to affect its normal performance. Normally wearable parts such as bearings, contact wheels, brushes, gears, etc., are not covered under this warranty.

# Complete 15372 Housing Assembly

**Index Key**

| No. | Part # | Description |
|---|---|---|
| 1 | **Contact Arm Assembly** | (See Chart on pg.6) |
| 2 | **96334** | Plug |
| 3 | **15308** | Guide Post |
| 4 | **11040** | Spring |
| 5 | **15306** | Tension Arm |
| 6 | **95426** | Spring |
| 7 | **95218** | Knob Assembly |
| 8 | **15309** | Dust Cover |
| 9 | **15307** | Tension Shaft |
| 10 | **15329** | Screw |
| 11 | **15312** | Belt Guard (Includes **15329** Screw) |
| 12 | **96335** | Hex Nut |
| 13 | **15305-03** | Housing |
| 14 | **95311** | Screw |
| 15 | **40029** | Motor Lock |
| 16 | **95217** | Screw |
| 17 | **15336** | Drive Wheel |
| 18 | **42616** | Electric Motor |

**Note**: Shaded parts represent **15372** Housing Assembly.




**Definitions of Label Symbols**

| Symbol | Description |
|---|---|
| A | amperes |
| Hz | hertz |
| ⧈ | Class II Construction |
| SFPM | Surface Feet Per Min. |



**95134 Hex Key Wrench** (9/64 in.)

## Extension Cords

Double insulated tools can use either a two or three wire extension cord. As the distance from the supply outlet increases, you must use a heavier gauge extension cord. Using extension cords with inadequately sized wire causes a serious drop in voltage resulting in loss of power and possible tool damage. Refer to the table below to determine the required minimum wire size.

| Nameplate Ampere | Extension Cord Length 25' | 50' | 75' | 100' | 150' | 200' |
|---|---|---|---|---|---|---|
| **0–5.0** | 16 | 16 | 16 | 14 | 12 | 12 |
| **5.1–8.0** | 16 | 16 | 14 | 12 | 10 | – |
| **8.1–12.0** | 14 | 14 | 12 | 10 | – | – |
| **12.1–15.0** | 12 | 12 | 10 | 10 | – | – |
| **15.1–20.0** | 10 | 10 | 10 | – | – | – |

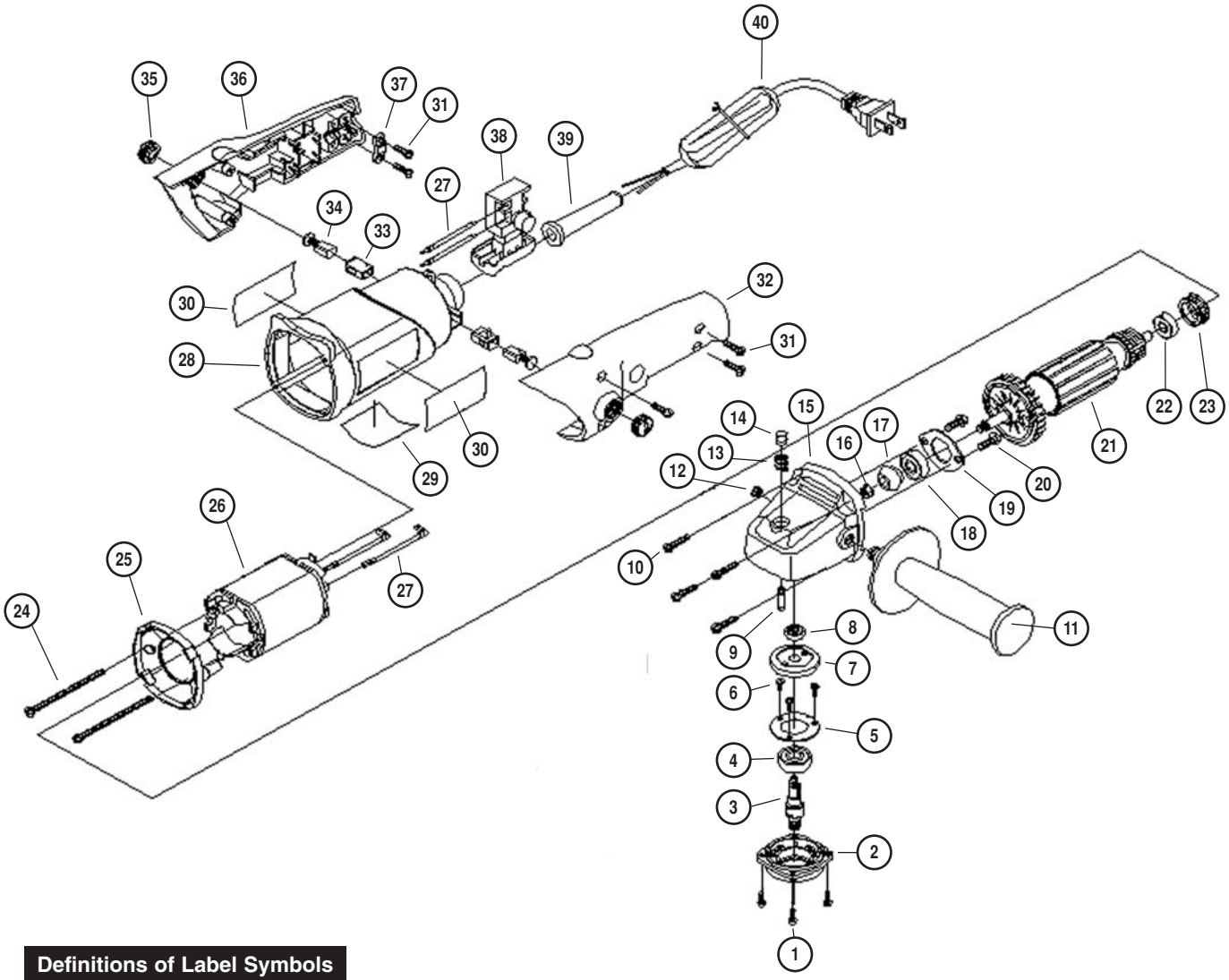
**Based on limiting the line voltage drop to live volts at 150% of the rated ampere.*

The smaller the gauge number of the wire the greater the capacity of the cord. For example a 14 gauge cord can carry a higher current than a 16 gauge cord. When using more than one extension cord to make up the total length, be sure each cord contains at least the minimum wire size required. If you are using one extension cord for more than one tool, add the nameplate ampere and use the sum to determine the required minimum wire size.

## Guidelines For Using Extension Cords

- If you are using an extension cord outdoors, be sure it is marked with the suffix "W-A" ("W" in Canada) to indicate that it is acceptable for outdoor use.
- Be sure your extension cord is properly wired and in good electrical condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it.
- Protect your extension cords sharp objects, excessive heat and damp or wet areas.

# *Complete Motor Assembly*




| Definitions of Label Symbols | |
|---|---|
| **Symbol** | **Description** |
| A | amperes |
| Hz | hertz |
| ▣ | Class II Construction |
| $n_o$ | no load speed |
| .../min | revolutions per min. |

## Index Key

| No. | Part # | Description | No. | Part # | Description | No. | Part # | Description | No. | Part # | Description |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **89300** | Screw (3) | 11 | **89351** | Side Handle | 21 | **89417** | Armature | 31 | **89403** | Screw (6) |
| 2 | **89301** | Bearing Box | 12 | **89312** | Thread Plug | 22 | **89324** | Bearing | 32 | **89416** | Left Rear Cover |
| 3 | **89333** | Spindle | 13 | **89315** | Spring | 23 | **89325** | Bearing Holder | 33 | **89404** | Brush Holder (2) |
| 4 | **50677** | Bearing | 14 | **89316** | Button | 24 | **89409** | Field Screw (2) | 34 | **89414** | Brush (2) |
| 5 | **89306** | Bearing Retainer | 15 | **89314** | Gear Box | 25 | **89408** | Fan Baffle | 35 | **89400** | Brush Cap (2) |
| 6 | **89307** | Screw (3) | 16 | **89317** | Nut | 26 | **89407** | Field | 36 | **89401** | Right Rear Cover |
| 7 | **89432** | Gear | 17 | **89318** | Gear | 27 | **89406** | Field Lead (4) | 37 | **89402** | Strain Relief |
| 8 | **01015** | Bearing | 18 | **89319** | Bearing | 28 | **89405** | Field Case | 38 | **89418** | Switch |
| 9 | **89311** | Shaft Lock Pin | 19 | **89320** | Bearing Retainer | 29 | **42617** | Specification Label | 39 | **89346** | Cord Protector |
| 10 | **89313** | Screw (4) | 20 | **89321** | Screw | 30 | **40404** | Logo Label (2) | 40 | **89419** | Power Cord |

**To order replacement parts, specify model number and serial number of your machine.**

# *Electric Dynafile® II Contact Arms*

## Arms for 4" to 17" workable reach.

*** Note: For belt widths greater than 1/2" use drive wheel 15336 to eliminate slippage.**

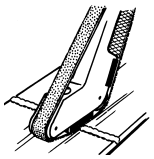


Optional **40078 Adapter** allows use of 24" long belts; extends reach to 7" when used with contact arm.

### 11200

Work on broad areas, leaves in-line scratch, blend stainless.



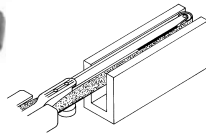


**Belt Size:** 1/2" W x 18" L.
**Contact Wheel:** 5/8" dia. x 3/8" W, rubber.
**Platen:** 1/2" wide.

### 11201

45 PSI maximum. Enter channels as small as 7/16".



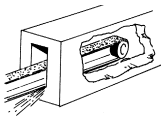


**Belt Size:** 1/2" W x 18" L.
**Contact Wheel:** 5/16" dia. x 3/8" W, steel.
**Platen:** 1/2" wide.

### 11202

Enter 5/16" x 3/4" openings.



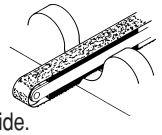


**Belt Size:** 1/4" W x 18" L.
**Contact Wheel:** 5/8" dia. x 1/8" W, rubber.
**Platen:** 1/4" wide.

### 11203* Order 11312 for heavy-duty version.

Grind over contact wheel or platen.



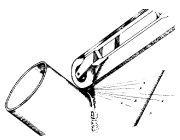


**Belt Size:** 1/2" W x 18" L.
**Contact Wheel:** 5/8" dia. x 3/8" W, rubber. **Platen:** 1/2" wide.

### 11204 – "Unique Offset Design"

Strap polish is easy with this arm!

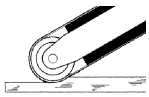




**Belt Size:** 1/4" or 1/2" W x 18" L.
**Contact Wheel:** 1" dia. x 3/8" W, rubber. **Platen:** None due to offset design.

### 11206* Order 11326 for Heavy Duty/Steel Construction version.





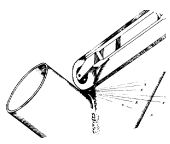
**Belt Size:** 5/8" or 3/4" W x 18" L.
**Contact Wheel:** 3/4" dia. x 5/8" wide, rubber. **Platen:** 3/4" wide.

### 11280

Grind corners, enter grooves, strap polish.

Strap polish here tapered





**Belt Size:** 1/4" W x 18" L.
**Contact Wheel:** 1" dia. x 3/8" wide, urethane, tapered.
**Platen:** No platen due to offset design.

*Standard Contact Arm for Electric Dynafile® II

### 11286

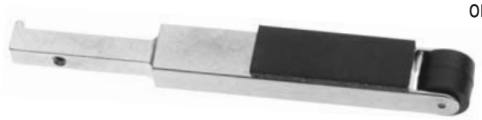
11024 steel platen available. 6-3/4" workable reach.

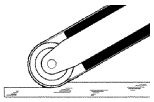


**Belt Size:** 1/2" W x 24" L.
**Contact Wheel:** 5/8" dia. x 3/8" W, rubber. **Platen:** 1/2" wide.

### 11287* Uses 20-1/2" Belts

Grind on contact wheel or platen; has 5-1/4" workable reach.

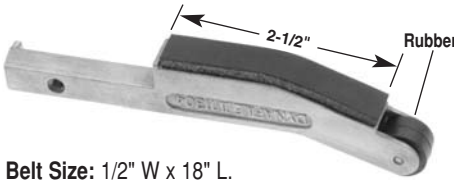


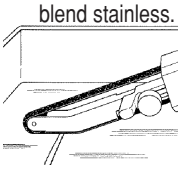


**Belt Size:** 5/8" or 3/4" W x 20-1/2" L
**Contact Wheel:** 3/4" dia. x 5/8" W, rubber. **Platen:** 3/4" wide.

### 11304 "The Banana Arm"

Work on broad areas; leaves in-line scratch; blend stainless.



**Belt Size:** 1/2" W x 18" L.
**Contact Wheel:** 5/8" dia. x 3/8" wide, rubber. **Platen:** 1/2" wide.

### 11322 Guide-Cut

Removes raised material within .020" or less without undercutting.




**Belt Size:** 1/2" W x 18" L. 60 to 80 grit.
**Contact Wheel:** 5/8" dia. x 3/8" W, rubber.

### 11329 Extra Length Arm

17" workable reach.



**Belt Size:** 1/2" W x 44" L.
**Contact Wheel:** 5/8" dia. x 3/8" W, rubber. **Platen:** 1/2" wide.

### 11350* "Bus Bar"

Excellent for cleaning oxide off electrical bus bars. Arm has a 12" workable reach.

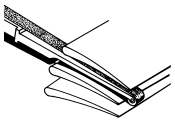


**Belt Size:** 3/4" W x 34" L.
**Contact Wheel:** 5/16" dia. x 5/8" W, steel. **Platen:** 3/4" wide, optional.

### 11220*, 11300*, 11301*, 11341* Polish Turbine Blades

Offset design and miniature contact wheels. 2" strap polish in offset area; polish turbine blades and other contours.



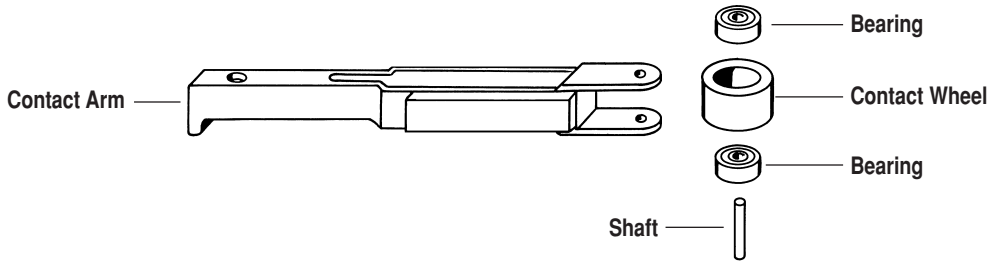


**Belt Sizes:** 11220 uses 5/8" or 3/4" W x 18" L.
All others use 1/2" W x 18" L.

**Contact wheels description for each above arm:**
**11220**: 5/16" dia. x 5/8" W, steel. **11300**: 1/4" dia. x 3/8" W, steel.
**11301**: 5/16" dia. x 3/8" W, steel. **11341**: 5/16" dia. x 3/8" W, rubber.

# *Electric Dynafile® II Contact Arm Assembly Parts List*

**Contact Wheel Assembly** – Includes wheel, bearings and shaft.

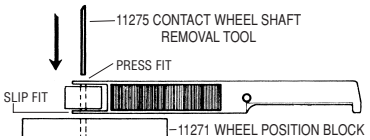



## *Electric Dynafile® II Standard Contact Arms*

| Part Number | Abrasive Belt Size | Contact Wheel Description | Comments | Contact Wheel Assembly | Contact Wheel Only | Bearing (2) Req. | Shaft |
|---|---|---|---|---|---|---|---|
| **11200** | 1/2" x 18" | 5/8" Dia. x 3/8" W Rubber | "Stroke-Sander Arm" 1/2" W Platen | 11088 (2) | 11077 (2) | 11052 (4) | 11059 (2) |
| **11201** | 1/2" x 18" | 5/16" Dia. x 3/8" W Steel | 1/2" W Platen | 11068 | 11067 | 11051 | 11054 |
| **11202** | 1/4" x 18" | 5/8" Dia. x 1/8" W Rubber | 1/4" W Platen | 11074 | 11073 | 11052 | 11053 |
| **11203** | 1/2" x 18" | 5/8" Dia. x 3/8" W Rubber | 1/2" W Platen | 11078 | 11077 | 11052 | 11054 |
| **11204** | 1/4" or 1/2" x 18" | 1" Dia. x 3/8" Wide Radiused Rubber | Loose Belt Application | 11080 | 11079 | 11052 | 11054 |
| **11206** | 5/8" or 3/4" x 18" | 3/4" Dia. x 5/8" W Rubber | 3/4" W Platen | 11282 | 11281 | 11052 | 11285 |
| **11220** | 5/8" or 3/4" x 18" | 5/16" Dia. x 5/8" W Steel | Polishing Turbine Blades | 11352 | 11353 | 11051 | 11285 |
| **11280** | 1/4" x 18" | 1" Dia. x 3/8" Wide Tapered Urethane | No Platen/Offset Design | 11086 | 11085 | 11052 | 11054 |
| **11286** | 1/2" x 24" | 5/8" Dia. x 3/8" W Rubber | 1/2" W Platen | 11078 | 11077 | 11052 | 11054 |
| **11287** | 5/8" or 3/4" x 20-1/2" | 3/4" Dia. x 5/8" W Rubber | 3/4" W Platen | 11282 | 11281 | 11052 | 11285 |
| **11300** | 1/2" x 18" | 1/4" Dia. x 3/8" W Steel | Polishing Turbine Blades | 11332 | 11333 | 11334 | 11335 |
| **11301** | 1/2" x 18" | 5/16" Dia. x 3/8" W Steel | Polishing Turbine Blades | 11068 | 11067 | 11051 | 11054 |
| **11304** | 1/2" x 18" | 5/8" Dia. x 3/8" W Rubber | "Stroke-Sander Arm"-1/2" W Platen | 11078 | 11077 | 11052 | 11054 |
| **11312** | 1/2" x 18" | 5/8" Dia. x 3/8" W Rubber | H.D. Version of 11203 Arm | 11078 | 11077 | 11052 | 11054 |
| **11320** | 1/2" x 18" | 5/8" Dia. x 3/8" W Rubber | "Offset Arm" To Prevent Gouging. | 11078 | 11077 | 11052 | 11054 |
| **11322** | 1/2" x 18" | 5/8" Dia. x 3/8" W Rubber | Contains two 11395 Guide Wheels To Prevent Undercutting | 11090 | 11077 | 11052 | 95610 |
| **11325** | 1/2" x 18" | 5/8" Dia. x 3/8" W Rubber | 1/2" W Steel Platen | 11078 | 11077 | 11052 | 11054 |
| **11326** | 5/8" or 3/4" x 18" | 3/4" Dia. x 5/8" W Rubber | H.D. Version of 11206 Arm | 11282 | 11281 | 11052 | 11285 |
| **11329** | 1/2" x 44" | 5/8" Dia. x 3/8" W Rubber | 1/2" W Platen/17" Reach | 11078 | 11077 | 11052 | 11054 |
| **11341** | 1/2" x 18" | 5/16" Dia. x 3/8" W Rubber | Polishing Turbine Blades | 11342 | 11343 | 11334 | 11335 |
| **11350** | 3/4" x 34" | 5/16" Dia. x 5/8" W Steel | Bus Bar Arm/12" Reach | 11352 | 11353 | 11051 | 11285 |

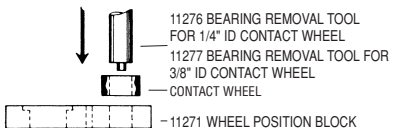
## *Contact Arm Assembly/Disassembly Instructions*

**1**



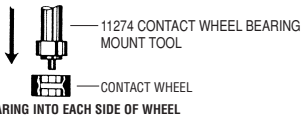

**REMOVE CONTACT ARM FROM MACHINE.**
**PRESS CONTACT WHEEL SHAFT OUT OF CONTACT ARM.**

**2**



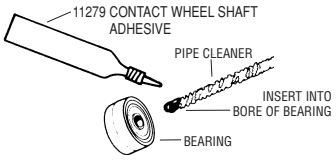

**REMOVE OLD BEARING FROM WHEEL**

**3**




**PRESS BEARING INTO EACH SIDE OF WHEEL**

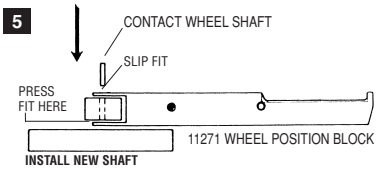
**4**




**MOISTEN TIP OF PIPE CLEANER WITH CONTACT WHEEL SHAFT ADHESIVE AND APPLY TO ID OF BEARINGS BEFORE INSTALLING PROPER SHAFT.**

**DO NOT GET ADHESIVE ON FACE OF BEARING.**

**5**



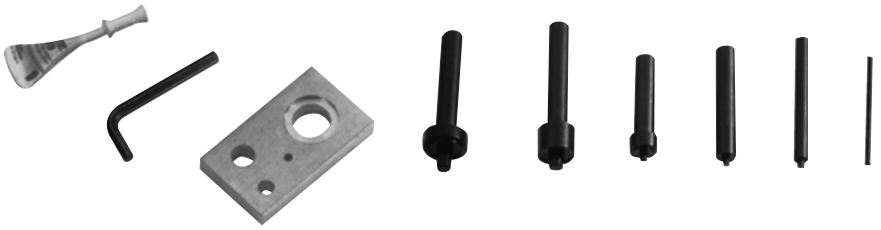

**INSTALL NEW SHAFT**

# Optional Accessories

**FIND THE MOST CURRENT OFFERING OF ACCESSORIES AND SUPPORT DOCUMENTS @ WWW.DYNABRADE.COM**

**11288 Dynafile Contact Arm and Idler Wheel Repair Kit**

- Contains special tools to assist in the replacement of contact wheels and bearings.

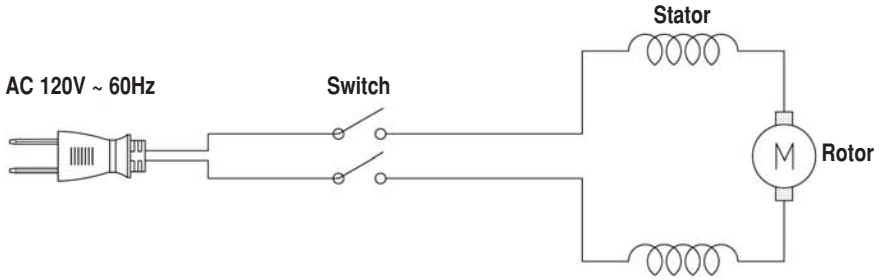


# Dynapad® Platen Pads

| Part Number | Size | Material | Pkg. Qty. |
|---|---|---|---|
| **11024** | 1/2" W x 3" L (bolts on) | Steel | 1 |
| **11025** | 1/2" W x 7" L x 1/8" Thk | Soft/Sponge | 5 |
| **11026** | 1/2" W x 7" L x 1/8" Thk | Hard/ Cork | 5 |
| **11027** | 1/2" W x 7" L x 1/32" Thk | Thin | 5 |
| **11109** | 3/4" W x 7" L x 1/8" Thk | Hard/ Cork | 5 |
| **11119** | 3/4" W x 7" L x 1/8" Thk | Soft/ Sponge | 5 |
| **11129** | 3/4" W x 7" L x 1/32" Thk | Thin | 5 |

**Note:** Dynapad Platen Pads are PSA mounted and easily trimmed to size.
**Exceptions:** 11024 Steel Platen fastened with included hardware.
Unit = 10 packages each.

# Wiring Diagram




# Machine Specifications

| Model Number | Motor RPM | Max. Watt Out | Abrasive Belt Size Inch (mm) | Voltage | Current | Phase | Frequency | Max. SFPM (SMPM) | Weight Pound (kg) | Length Inch (mm) | Height Inch (mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40600 | 10,000 | 820 | 1/4-3/4 (6-19) W x 18-24 (457-610) L | 120 V (AC) | 7.5 Amps | 1 | 60 Hz | 2350 (718) | 5.7 (2.6) | 20-1/4 (515) | 5-5/16 (135) |

## Reference Contact Information

1. **CSA International**
   8501 East Pleasant Valley Road
   Cleveland, Ohio 4431-5575
   Tel: 1 (216) 524-4990
   Fax: 1 (216) 642-3463

2. **Government Printing Office – GPO**
   Superintendent of Documents
   Attn. New Orders
   P.O. Box 371954
   Pittsburgh, PA 15250-7954
   Tel: 1 (202) 512-1803

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