

Models:

- 11000 - "The Original"**
- 11001 - Versatility Kit**
- 11003 - w/Benchmount**

Dynaflex®

Abrasive Belt Machine

! WARNING

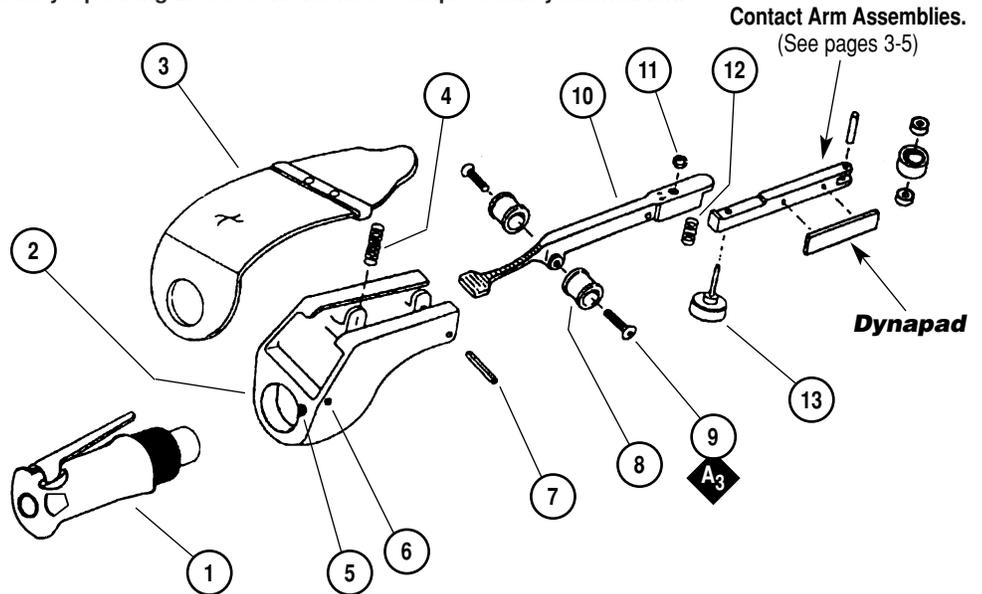
Always operate, inspect and maintain this tool in accordance with the Safety Code for portable air tools (ANSI B186.1) and any other applicable safety codes and regulations. Please refer to Dynabrade's Warning/Safety Operating Instructions for more complete safety information.

KEY

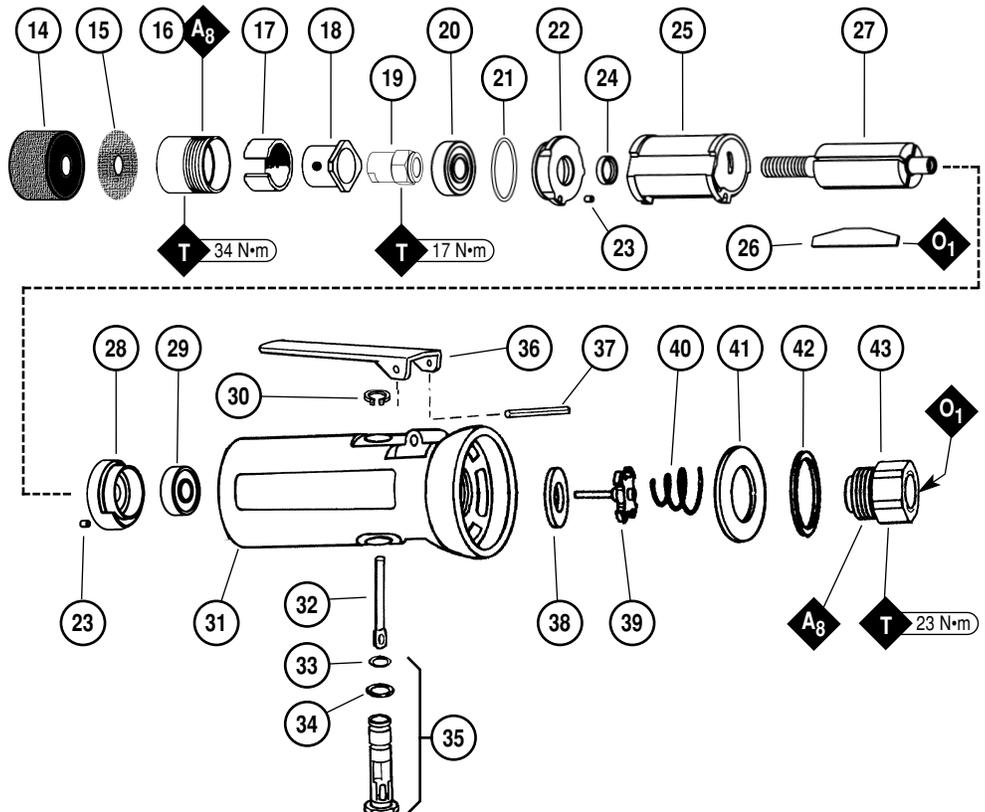
- O** Oil: O₁ = Air Lube
- A** Adhesive: A₂ = Loctite #271
A₃ = Loctite #242
A₈ = Loctite #567
- T** Torque: N·m x 8.85 = In. - lbs.

Index Key

No.	Part #	Description
1	01197	Air Motor
2	11102	Housing
3	11103	Guard
4	11010	Tension Spring
5	40029	Cam Lock
6	95311	Screw
7	95216	Pivot Pin
8	11011	Idler Wheel Assembly (2) (Incl. 95162 Screw, 11013 Bearing and 11006 Idler Wheel.)
9	95162	Idler Wheel Mount Screw (2)
10	11007	Idler Arm Assembly (Incl. 11008 Idler Arm and (2) 11011 Idler Wheel Assemblies.)
11	95070	Threaded Insert
12	11040	Spring
13	95218	Adjustment Knob
14	01111	Drive Wheel
15	10295	Screen
16	04087	Lock Ring
17	04078	Felt Silencer
18	04084	Air Control Ring
19	04081	Rotor Nut
20	01007	Bearing
21	01121	Shim Pack (3/pkg.)
22	01008	Bearing Plate
23	50767	Pin (2)
24	01010	Rotor Spacer
25	01013	Cylinder
26	01011	Blade (4) (4/pkg.)
27	01120	Rotor
28	01244	Bearing Plate
29	01015	Bearing
30	95558	Retaining Ring
31	30420	Housing
32	01477	Valve Stem
33	95730	O-Ring
34	01024	O-Ring
35	01247	Speed Regulator Assembly
36	01090	Throttle Lever
	01089	Safety Throttle Lever
37	01017	Pin
38	01464	Seal
39	01472	Tip Valve
40	01438	Spring
41	53190	Block Plate
42	96065	O-Ring
43	01494	Inlet Adapter



01197 Air Motor with 01111 Drive Wheel



Note: 50971 Lock Ring Wrench is available for removal/installation of 04087 Lock Ring. See inside for Important Operating, Maintenance and Safety Instructions before operating tool.

Important Operating, Maintenance and Safety Instructions

Carefully read all instructions before operating or servicing any Dynabrade® Abrasive Power Tool.

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

Important: All Dynabrade Rotary Vane air tools must be used with a Filter-Regulator-Lubricator to maintain all warranties.

Operating Instructions:

Warning: Eye, face, respiratory, sound and body protection must be worn while operating power tools. Failure to do so may result in serious injury or death. Follow safety procedures posted in workplace.

1. With power source disconnected from tool, securely fasten abrasive/accessory on tool.
2. Install air fitting into inlet bushing of tool. **Important:** Secure inlet bushing of tool with a wrench before attempting to install the air fitting to avoid damaging valve body housing.
3. Connect power source to tool. Be careful not to depress throttle lever in the process.
4. Check tool speed with tachometer. If tool is operating at a higher speed than the RPM marked on the tool or operating improperly, the tool should be serviced to correct the cause before use.

Maintenance Instructions:

1. Check tool speed regularly with a tachometer. If tool is operating at a higher speed than the RPM marked on the tool, the tool should be serviced to correct the cause before use.
2. Some silencers on air tools may clog with use. Clean and replace as required.
3. All Dynabrade Rotary Vane air motors should be lubricated. Dynabrade recommends one drop of air lube per minute for each 10 SCFM (example: if the tool specifications state 40 SCFM, set the drip rate of your filter-lubricator at 4 drops per minute). Dynabrade Air Lube (P/N **95842**: 1 pt. 473 ml.) is recommended.
4. An Air Line Filter-Regulator-Lubricator must be used with this air tool to maintain all warranties. Dynabrade recommends the following: **11405** Air Line Filter-Regulator-Lubricator — Provides accurate air pressure regulation, two-stage filtration of water contaminants and micro-mist lubrication of pneumatic components. Operates 40 SCFM @ 100 PSIG has 3/8" NPT female ports.
5. Use only genuine Dynabrade replacement parts. To reorder replacement parts, specify the **Model #**, **Serial #**, and **RPM** of your machine.
6. A Motor Tune-Up Kit (P/N **95600**) is available which includes assorted parts to help maintain motor in peak operating condition.
7. Mineral spirits are recommended when cleaning the tool and parts. Do not clean tool or parts with any solvents or oils containing acids, esters, ketones, chlorinated hydrocarbons or nitro carbons.

Safety Instructions:

Products offered by Dynabrade should not be converted or otherwise altered from original design without expressed written consent from Dynabrade, Inc.



- **Important:** User of tool is responsible for following accepted safety codes such as those published by the American National Standards Institute (ANSI).
- Operate machine for one minute before application to workpiece to determine if machine is working properly and safely before work begins.
- Always disconnect power supply before changing abrasive/accessory or making machine adjustments.
- Inspect abrasives/accessories for damage or defects prior to installation on tools.
- Please refer to Dynabrade's Warning/Safety Operating Instructions Tag (Reorder No. **95903**) for more complete safety information.
- **Warning:** Hand, wrist and arm injury may result from repetitive work, motion and overexposure to vibration.

Notice

All Dynabrade motors use the highest quality parts and metals available and are machined to exacting tolerances. The failure of quality pneumatic motors can most often be traced to an unclean air supply or the lack of lubrication. Air pressure easily forces dirt or water contained in the air supply into motor bearings causing early failure. It often scores the cylinder walls and the rotor blades resulting in limited efficiency and power. Our warranty obligation is contingent upon proper use of our tools and cannot apply to equipment which has been subjected to misuse such as unclean air, wet air or a lack of lubrication during the use of this tool.

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, sanding pads, rotor blades, etc., are not covered under this warranty.

Model Number	Motor HP (W)	Motor RPM	Sound Level	Abrasive Belt Size Inch (mm)	Maximum Air Flow CFM/SCFM (LPM)	Max. SFPM (SMPM)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
11000	.5 (373)	20,000	84 dB(A)	1/8-1/2 (3-13) W x 24 (610) L	4/29 (821)	5,800 (1,762)	3.0 (1.4)	15.0 (381)	4.0 (102)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 3/8" (10 mm) • Air Pressure 90 PSIG (6.2 Bars)

Dynafile® Standard Contact Arm Assemblies

Part Number	Abrasive Belt Size	Contact Wheel Description	Comments	Contact Wheel Assembly	Contact Wheel Only	Bearing (2) Req.	Shaft
11178	1/2" x 34"	5/16" Dia. x 3/8" W Steel	9" Reach	11068	11067	11051	11054
11179	1/2" x 34"	5/8" Dia. x 3/8" W Rubber	9" Reach	11078	11077	11052	11054
11212	1/4" x 24"	5/16" Dia. x 1/8" W Steel	1/4" W Platen	11066	11065	11051 (1)	11056
11213	1/2" x 24"	5/16" Dia. x 3/8" W Steel	1/2" W Platen	11068	11067	11051	11054
11214	1/2" x 24"	7/16" Dia. x 3/8" W Rubber	1/2" W Platen	11070	11069	11051	11054
11215	1/4" x 24"	7/16" Dia. x 1/8" W Brass	1/4" W Platen	11072	11071	11052 (1)	11053
11216	1/4" x 24"	5/8" Dia. x 1/8" W Rubber	1/4" W Platen	11074	11073	11052 (1)	11053
11217	1/2" x 24"	1/2" Dia. x 3/8" W Steel	1/2" W Platen	11076	11075	11052	11054
11218	1/2" x 24"	5/8" Dia. x 3/8" W Rubber	1/2" W Platen	11078	11077	11052	11054
11219	1/4" or 1/2" x 24"	1" Dia. x 3/8" W Radiused Rubber	No Platen	11080	11079	11052	11054
11228	1/2" x 24"	5/8" Dia. x 3/8" W Rubber	H.D. Version of 11218 Arm	11078	11077	11052	11054
11231	1/2" x 24"	3/4" Dia. x 1/2" W Rubber	1/2" W Platen	11084	11083	11052	11055
11232	1/8" or 1/4" x 24"	1" Dia. x 3/8" W Tapered Urethane	No Platen	11086	11085	11052	11054
11234	1/2" x 34"	1" Dia. x 3/8" W Radiused Rubber	Double Burrer Arm	11080 (2)	11079 (2)	11052	N/A
11237	5/16" x 24"	5/16" Dia. x 1/8" W Steel	Polish Turbine Blades	11066	11065	11051 (1)	11053
11238	1/2" x 24"	1/4" Dia. x 3/8" W Steel	Polish Turbine Blades	11051 (3) and 11054	11051 (3)	N/A	11054
11239	1/2" x 24"	5/16" Dia. x 3/8" W Steel	H.D. Version of 11213 Arm	11068	11067	11051	11054
11240	1/2" x 34"	5/8" Dia. x 3/8" W Rubber	1/2" W Platen - 9" Reach	11078	11077	11052	11054
11241	1/4" x 34"	5/8" Dia. x 1/8" W Rubber	1/4" W Platen - 9" Reach	11074	11073	11052 (1)	11053
11243	1/2" x 24"	3/4" Dia x 1/2" W Rubber	H.D. Version of 11231 Arm	11084	11083	11052	11055
11244	1/2" x 44"	5/8" Dia. x 3/8" W Rubber	1/2" W Platen - 14" Reach	11078	11077	11052	11054
11245	1/4" x 44"	5/8" Dia. x 1/8" W Rubber	1/4" W Platen - 14" Reach	11074	11073	11052 (1)	11053
11254	1/2" or 1/4" x 34"	4-3/4" or 2-1/8" Dia. to 1/4" or 1/2" W	Grind in Deep Narrow Slots	Variable	Variable	11013 (1)	95162
11255	1/2" x 34"	5/8" Dia. x 3/8" W Rubber	Deburr I.D. 1" to 4"	11078	11077	11052	11054
11257	1/2" Wide	5/16" Dia. x 3/8" W Steel or 5/8" Dia. x 3/8" W Rubber	"Spear-Arm" - Specify length up to 32"	11068 Steel 11078 Rubber	11067 Steel 11077 Rubber	11051 Steel 11052 Rubber	11054
11258	1/2" x 24"	1/2" Dia. x 3/8" W Steel and 5/8" Dia. x 3/8" W Rubber	Platen Between 2 Contact Wheels	11076 Steel 11078 Rubber	11075 Steel 11077 Rubber	11052 (4)	11054 (2)
11261	1/2" x 24"	5/8" Dia. x 3/8" W Rubber	"Banana Arm" – For in-line scratch pattern.	11078	11077	11052	11054
11262	1/2" x 24"	5/8" Dia. x 3/8" W Rubber	"Offset Arm" – Contact wheel is offset to prevent gouging.	11078	11077	11052	11054
11297	1/2" x 24"	5/8" Dia. x 3/8" W Rubber	Contains two 11395 Guide Wheels. Prevents undercutting.	11090	11077	11052	95610



11288 Dynafile Contact Arm and Idler Wheel Repair Kit

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

Dynafile® Standard Contact Arms

Standard Contact Arms allow for a 4" workable reach.

11212

File round openings as small as 7/16".
45 PSIG maximum.



Belt Size: 1/4" W x 24" L.

11066 Contact Wheel: 5/16" diameter x 1/8" wide, steel.

11034 Platen: 1/4" wide.

11219

No platen due to offset design.
Grind radiuses, slack polish.



Belt Size: 1/4" or 1/2" W x 24" L.

11080 Contact Wheel: 1" diameter x 3/8" wide, radiused rubber.

No Platen

11213

See 11239 for heavy-duty version.
45 PSIG maximum.



Belt Size: 1/2" W x 24" L.

11068 Contact Wheel: 5/16" diameter x 3/8" wide, steel.

11027 Platen: 1/2" wide.

11228 Heavy-Duty Steel

Optional **11028 Steel Platen**
available for grinding.



Belt Size: 1/2" W x 24" L.

11078 Contact Wheel: 5/8" diameter x 3/8" wide, rubber.

11025 Platen: 1/2" wide.

11214

Work on contact wheel or Dynapad®.
45 PSIG maximum.



Belt Size: 1/2" W x 24" L.

11070 Contact Wheel: 7/16" diameter x 3/8" wide, rubber.

11025 Platen: 1/2" wide.

11231

See 11243 for heavy-duty version.



Belt Size: 1/2" W x 24" L.

11084 Contact Wheel: 3/4" diameter x 1/2" wide, rubber.

11135 Platen: 1/2" wide.

11215

Enter 1/2" x 1/2" openings.



Belt Size: 1/4" W x 24" L.

11072 Contact Wheel: 7/16" diameter x 1/8" wide, brass.

11034 Platen: 1/4" wide.

11232 For 1/8" Wide Belts

V-Tapered

No platen due to offset design.
Grind corners, strap polish.



Belt Size: 1/8" or 1/4" W x 24" L.

11086 Contact Wheel: 1" diameter x 3/8" wide, tapered urethane.

No Platen.

11216

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



Belt Size: 1/4" W x 24" L.

11074 Contact Wheel: 5/8" diameter x 1/8" wide, rubber.

11032 Platen: 1/4" wide.

11239 Heavy-Duty Steel

Grind in narrow areas.
45 PSIG maximum.



Belt Size: 1/2" W x 24" L.

11068 Contact Wheel: 5/16" diameter x 3/8" wide, steel.

11027 Platen: 1/2" wide.

11217

Enter channels as narrow as 9/16".



Belt Size: 1/2" W x 24" L.

11076 Contact Wheel: 7/16" diameter x 3/8" wide, steel.

11027 Platen: 1/2" wide.

11243 Heavy-Duty

Grind over contact wheel or Dynapad®.



Belt Size: 1/2" W x 24" L.

11084 Contact Wheel: 3/4" diameter x 1/2" wide, rubber.

11135 Platen: 1/2" wide.

11218

Standard arm on model 11000.
See 11228 for heavy-duty version.



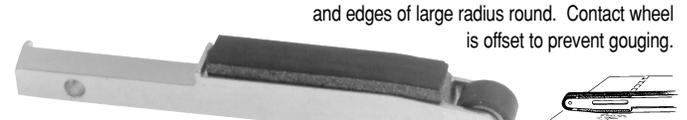
Belt Size: 1/2" W x 24" L.

11078 Contact Wheel: 5/8" diameter x 3/8" wide, rubber.

11025 Platen: 1/2" wide.

11262 "Offset Arm"

For flat grinding using platen at or near corners
and edges of large radius round. Contact wheel
is offset to prevent gouging.



Belt Size: 1/2" W x 24" L.

11078 Contact Wheel: 5/8" diameter x 3/8" wide, rubber.

11026 Platen: 1/2" wide.

Dynaflex® Specialized Contact Arms

Designed to solve tough production problems.

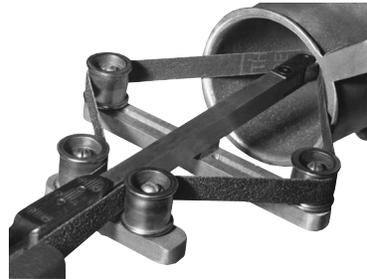
11237 and 11238 Turbine Blade Arms

45 PSIG maximum.



- 11237: 1/4" wide x 24" long belts.
- 11066 Contact Wheel: 5/16" dia. x 1/8" wide steel wheel.
- 11238: 1/2" wide x 24" long belts.
- Contact Wheel: 1/4" dia. x 3/8" wide steel wheel.

11255 Cross-Bow Arm



- I.D. polishing or deburring with one 180° wrist turn.
- Deburr leading radius of 1" to 4" round openings.

Belt Size: 1/2" W x 34" L.

11234 Double-Burrer Arm



- Deburs both edges of workpiece simultaneously.
- Contact wheels adjust for material 1/8" to 5/8" thick.

Belt Size: 1/2" wide x 34" long.
11080 Contact Wheels: 1" diameter x 3/8" wide, rubber.

11257, 11178 and 11179 Spear Arms



11257: Custom-made. Specify usable length up to 32". Specify 11068 - 5/16" diameter steel or 11078 - 5/8" diameter rubber contact wheel.

11178: Has 9" reach with 11068 - 5/16" diameter steel contact wheel.
Belt Size: 1/2" W x 34" L (45 PSIG Max.).

11179: Has 9" reach with 11078 - 5/8" diameter rubber contact wheel.
Belt Size: 1/2" W x 34" L.

11240, 11241, 11244 and 11245 Extra-Length Arms



9" Workable Reach:

11240 Arm:
Belt Size: 1/2" W x 34" L belts.
11078 Contact Wheel:
5/8" dia. x 3/8" wide, rubber.

11241 Arm:
Belt Size: 1/4" W x 34" L belts.
11074 Contact Wheel:
5/8" dia. x 1/8" wide, rubber.

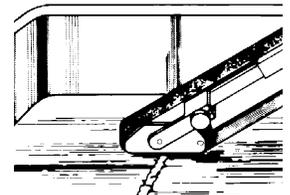
14" Workable Reach:

11244 Arm:
Belt Size: 1/2" W x 44" L belts.
11078 Contact Wheel:
5/8" dia. x 3/8" wide, rubber.

11245 Arm:
Belt Size: 1/4" W x 44" L belts.
11074 Contact Wheel:
5/8" dia. x 1/8" wide, rubber.

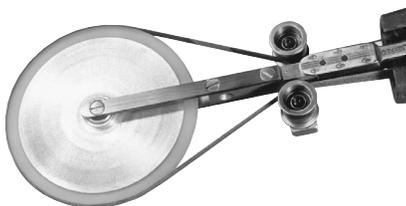
11258 Stroke Sander Arm

Blend stainless steel.



Belt Size: 1/2" W x 24" L.
11078 Contact Wheel: 5/8" diameter x 3/8" wide, rubber.
Platen: 1/2" W x 7/8" L.

11254 Big Wheel Arm



- Grinds and polishes deep slots or narrow groves.
- 1/4" to 1/2" wide wheels, 2-1/8" to 4-3/4" diameter (specify size).

Belt Size: 1/4" to 1/2" W x 34" L.

11253 Arms (specify width)

11377 Contact Wheel: 2-1/8" dia. x 1/2" wide, urethane.
11378 Contact Wheel: 2-1/8" dia. x 1/4" wide, urethane.

11254 Arms (specify width)

11375 Contact Wheel: 4-3/4" dia. x 1/2" wide, urethane.
11375 Contact Wheel: 4-3/4" dia. x 1/4" wide, urethane.

11297 Guide-Cut Arm



- Guide wheels prevent undercutting.
- Removes raised material within .020" or less.
- Use 60 to 80 grit abrasive belts with this arm.

Belt Size: 1/2" W x 24" L, 60 to 80 grit.
11090 Contact Wheel: 5/8" diameter x 3/8" wide rubber.

Disassembly/Assembly Instructions - Dynafire®

Important: Manufacturer's warranty is void if tool is disassembled before warranty expires.

Notice: A complete Tune-Up Kit, part number 95600, is available which includes assorted parts to help maintain motor in peak condition. Please refer to parts breakdown for part identification.

To Disassemble:

1. Disconnect tool from power source.
2. Secure 11102 Housing in padded vise.
3. Remove 11103 Guard, abrasive belt, and contact arm assembly.
4. Remove 95216 Pivot Pin, using 1/8" diameter drive pin punch (this will release the 11007 Idler Arm Assembly).
5. Remove 11010 Tension Spring.
6. Using 9/64" allen wrench loosen 95311 Screw and remove 01197 Air Motor from 11102 Housing.

Motor Disassembly:

1. Secure 01197 Air Motor in padded vise.
2. Remove 01111 Drive Wheel by inserting a 3/16" hex key through the drive wheel into the end of the 01120 Rotor.
3. Using a pipe wrench or pliers, twist 01111 Drive Wheel counter-clockwise and remove.
4. With an adjustable pin wrench or 50971 Lock Ring Wrench remove 04087 Lock Ring by turning counter-clockwise. Remove 04078 Felt Silencer and air control ring.
5. Remove rotor nut from rotor shaft by inserting a 3/16" hex wrench through body and into rotor shaft. Twist rotor nut from shaft.
6. Pull motor assembly from housing.
7. Remove 01013 Cylinder, blades (4) and spacer from rotor. **Note:** 01007 Bearing, 01008 Front Bearing Plate and spacer are a slip fit into rotor.
8. Press rotor from 01014 Rear Bearing Plate. Press 01015 Bearing from bearing plate, (96211 Bearing Removal Tool is available).

Motor Disassembly Complete.

Valve Body Disassembly:

1. Position valve body in padded vise using with air inlet facing up.
2. Remove air fitting by securing 01494 Inlet Adapter with a wrench and twist air fitting from inlet adapter.
Important: 01494 Inlet Adapter must be secured before attempting to remove air fitting to avoid damaging valve body housing.
3. Remove 53190 Block Plate.
4. Using needle nose pliers, remove 01438 Spring, 01472 Tip Valve and 01464 Seal.
5. Using a 2.5mm drift pin, tap 01017 Pin from housing and remove throttle lever.
6. Remove 95558 Retaining Ring using retaining ring pliers.
7. Push 01247 Regulator from valve body housing and remove o-rings.

Disassembly Complete.

Motor Assembly:

Important: Be sure parts are clean and in good repair before assembling.

1. Place 01120 Rotor in an aluminum or bronze jaw vise with a threaded spindle pointing upwards.
2. Slip 01010 Spacer onto rotor.
3. Place a .002" shim into front bearing plate as an initial spacing and slip 01007 Bearing into plate.
Note: 01121 Shim Pack contains .001" and .002" shims.
4. Install bearing/bearing plate assembly onto rotor.
5. Install 04081 Rotor Nut onto assembly.
6. Tighten rotor nut onto rotor (torque to 17 N•m/150 in. - lbs.).
7. Check clearance between rotor and bearing plate by using a .001" feeler gauge. Clearance should be at .001" to .0015". Adjust clearance by repeating steps 1-4 with different shim if necessary.
8. Once proper rotor/gap clearance is achieved, install well lubricated 01011 Blades (4) into rotor slots. Dynabrade air lube P/N 95842 is recommended for lubrication.
9. Install cylinder over rotor. Be sure air inlet holes of cylinder face away from bearing plate.
10. Press 01015 Rear Bearing into 01014 Rear Bearing Plate. Press bearing/bearing plate assembly onto rotor (96241 Bearing Press Tool is available). Be sure that pin and air inlet holes line-up with pin slot and air inlet holes in cylinder.
Important: Fit must be snug between bearing plates and cylinder. If too tight, rotor will not turn freely. Rotor must then be lightly tapped at press fit end so it will turn freely while still maintaining a snug fit. A loose fit will not achieve the proper preload of motor bearings.
11. Secure motor housing in padded vise so motor cavity faces upwards.
12. Install motor assembly into housing, making sure motor drops all the way into housing.
Note: Align the rear bearing plate node with the notch inside the housing.
13. Insert air control ring and 04078 Felt Silencer into 04087 Lock Ring and install onto motor housing (torque 34 N•m/300 in. - lbs.).
14. Motor adjustment must now be checked. With motor housing still mounted in vise, pull end of rotor and twist (10-15 lbs. force), rotor should turn freely without drag. If drag or rub is felt, then increase preload or remove shim. Also, push end of rotor and twist (10-15 lbs. force), rotor should turn freely without drag. If drag or rub is felt, then deload or add shim.
15. Install 10295 Screen and 01111 Drive Wheel.

(continued on next page)

Disassembly/Assembly Instructions - Dynafire® (continued)

16. Place **01102** Housing in a padded vise and install **01197** Air Motor.
17. Tighten **95311** Screw with 9/64" allen wrench.
18. Install **11010** Tension Spring, **11007** Idler Arm Assembly, and **95216** Pivot Pin
Important: Use 1/8" diameter drive pin punch to line-up **11007** Idler Arm Assembly with **01102** Housing.
19. Install **11103** Guard, contact arm assembly and abrasive belt.

Valve Body Assembly:

1. Insert **01247** Speed Regulator Assembly with o-rings into valve body. Secure with **95558** Retaining Ring.
2. Secure valve body in padded vise with air inlet facing upwards.
3. Insert **01464** Seal into housing.
4. Line up hole in valve stem with hole in housing (looking past brass bushing). Insert **01472** Tip Valve so that the metal pin passes through the hole in the valve stem. Install **01438** Spring (small end towards tip valve).
5. Install **53190** Block Plate into housing.
6. Apply Loctite #567 PST Pipe Sealant to threads of **01494** Inlet Adapter and install valve body (torque 23 N•m/200 in. - lbs.).
7. Install **01093** Throttle Lever and **01017** Pin.

Tool Assembly Complete. Please allow 30 minutes for adhesives to cure before operating tool.

Important: Motor should now be tested for proper operation at 90 PSIG. If motor does not operate properly or operates at a higher RPM than marked on the tool, the tool should be serviced to correct the cause before use. Before operating, place 2-3 drops of Dynabrade Air Lube (P/N **95842**) directly into air inlet with throttle lever depressed. Operate tool for 30 seconds to determine if tool is operating properly and to allow lubricating oils to properly penetrate motor

Loctite® is a registered trademark of Loctite Corp.

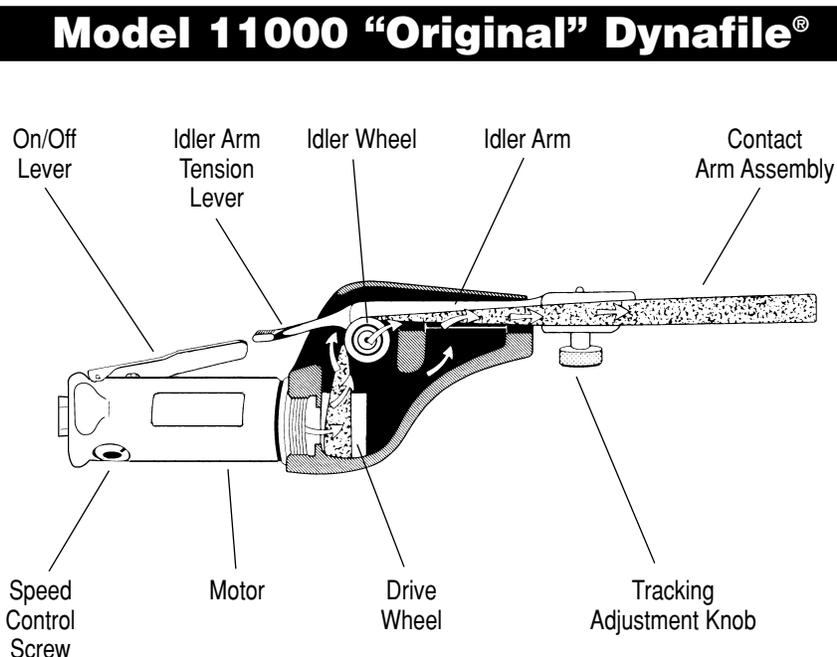
Abrasive Belt Change and Removal:

To Remove Belt:

1. Remove **11103** Guard by lifting front "lip" and unhooking latches.
2. Gently pull guard back off idler arm to expose internal workings of tool.
3. Depress idler arm lever and pull belt away from the contact wheel.
4. Slip belt over contact wheel.

To Replace Belt:

1. Create a loop with belt by pinching together the sides of belt in the middle.
2. Slip one loop under the **01111** Drive Wheel and around the idler arm.
3. Depress idler arm lever and pull belt toward the contact wheel.
4. Slip belt over contact wheel.
5. Connect tool to power source.
6. Adjust belt tracking using **95218** Knob.



Optional Accessories



Composite Dynaswivel®

Swivels 360° at two locations which allows an air hose to drop straight to the floor, no matter how the tool is held.

- **94300:** 1/4" NPT



95600 Motor Tune-Up Kit:

- Includes assorted parts to help maintain and repair motor.



50971 Lock Ring Tool

- Lock Ring Tool has a 3/8 in. square socket for use with 3/8 in. drive; breaker bar, ratchet head, or torque wrenches.



Dynabrade Air Lube

- Formulated for pneumatic equipment.
- Absorbs up to 10% of its weight in water.
- Prevents rust and formation of sludge.
- Keeps pneumatic tools operating longer with greater power and less down time.

95842: 1 pt. (473 m)

95843: 1 gal. (3.8 L)



11288 Dynafile Contact Arm and Idler Wheel Repair Kit

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

Visit Our Web Site: www.dynabrade.com

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