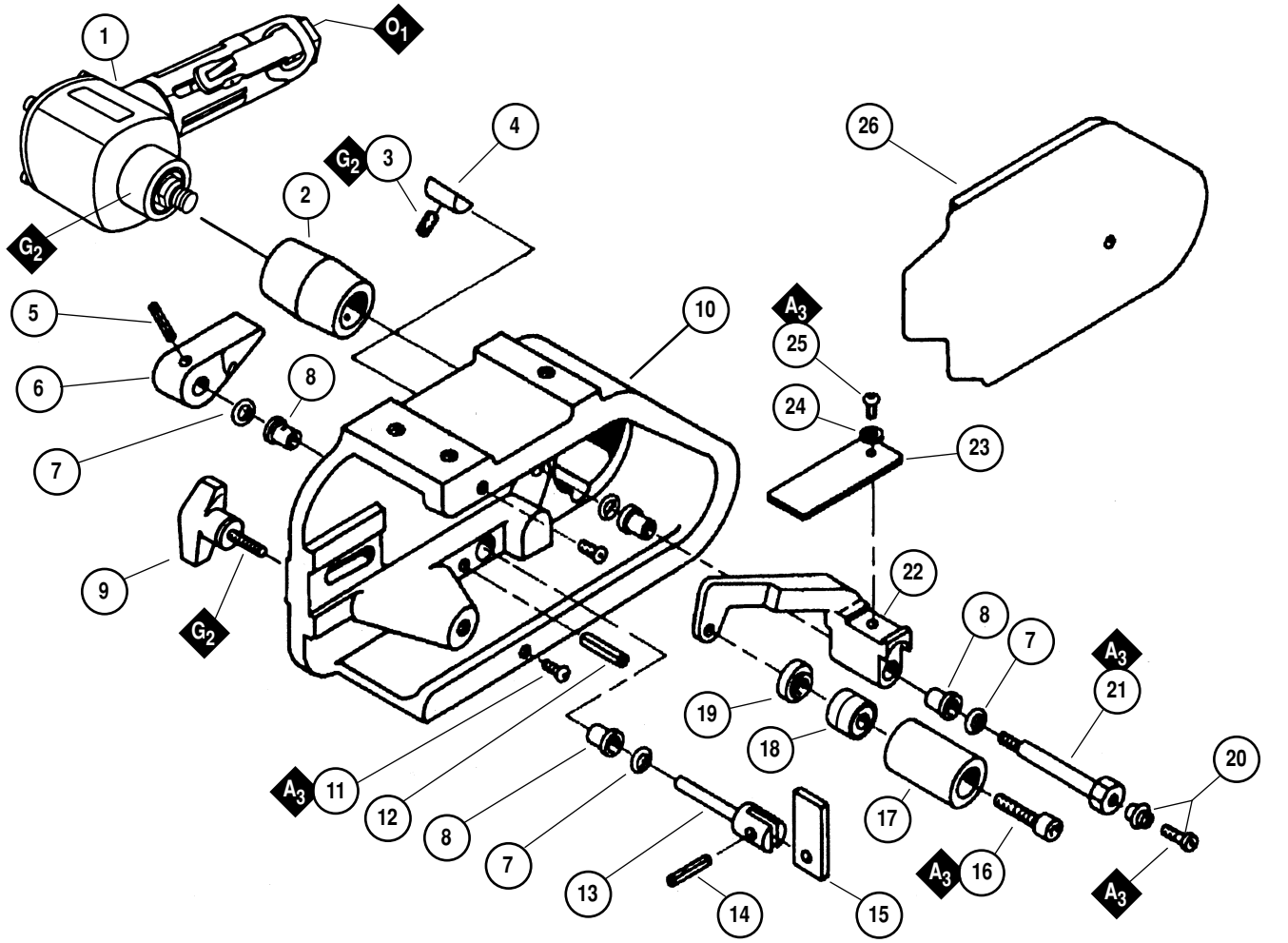
Parts Page Reorder No. PD01•05
Effective January, 2001
Supersedes PD94•53

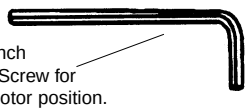
Models:
11462 – Standard Duty/Finisher
11475 – Standard Duty
11476 – Heavy Duty

Dynabelter®

1" Wide Abrasive Belt Capacity

⚠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.**





95048 Wrench
Fits **95392** Screw for adjusting motor position.

Index Key

No.	Part #	Description
1		**Air Motor** **01608** Model-**11462, 11475** **07100** Model-**11476**
2		**Drive Wheel** **14230** Model-**11462, 11475** **11518** Model-**11476**
3	**95392**	Set Screw
4	**11801**	Motor Lock
5	**95240**	Roll Pin
6	**11551**	Belt Tension Lever
7	**95226**	O-Ring (4)
8	**11519**	Flange Bearing (4)
9	**95419**	Knob (Incl. **95417** Washer)
10	**11516**	Housing
11	**95207**	Screw (2)
12	**95454**	Pin
13	**11547**	Shaft
14	**95216**	Pin
15	**11545**	Tension Wiper
16	**95239**	Screw
17	**11531**	Idler Wheel
18	**11016**	Bearing (2)
19	**11017**	Spacer
20	**11577**	Button Latch Assy.
21	**11575**	Tension Lever Screw
22	**11517**	Idler Arm
23	**11539**	Tension Spring
24	**95146**	Washer
25	**95235**	Screw
26	**11592**	Cover Guard

KEY

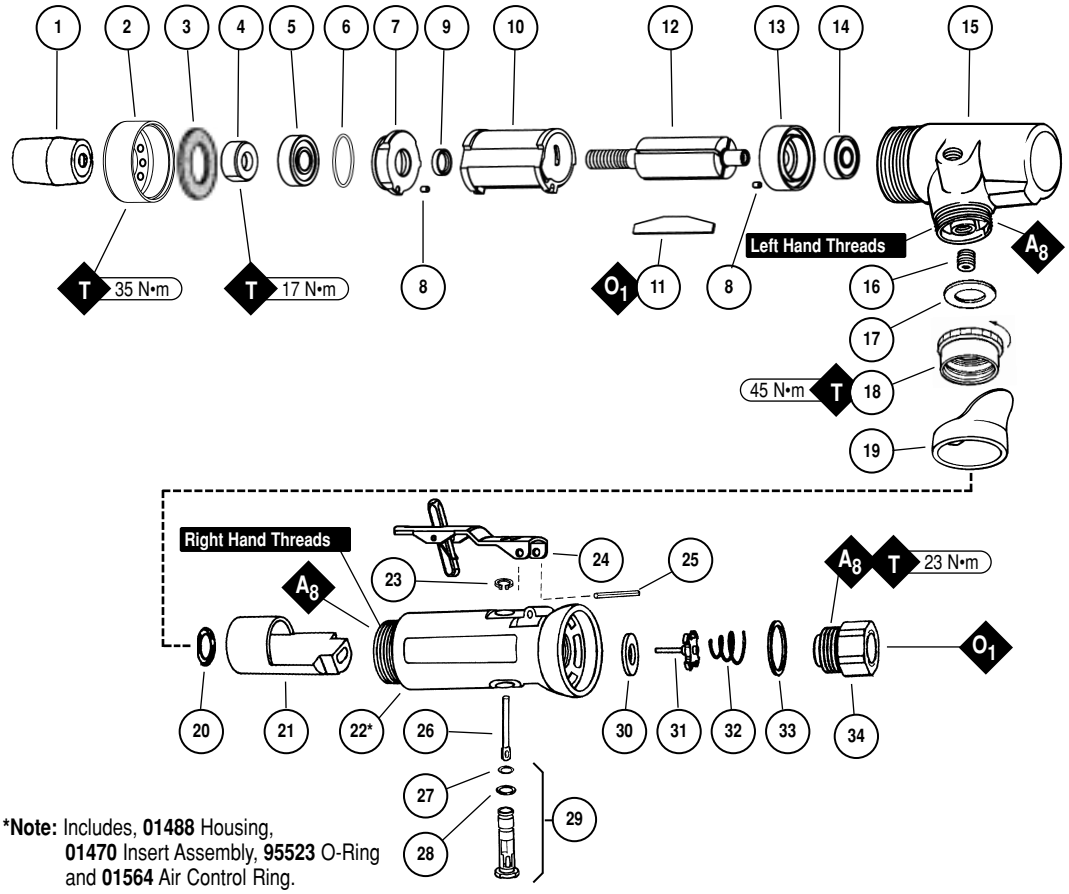
- **O** Oil: **O_1 = Air Lube**
- **G** Grease: **G_2 = Loctite #771**
- **A** Adhesive: **A_1 = Loctite #609**, **A_2 = Loctite #271**, **A_3 = Loctite #243**, **A_6 = Loctite #380**, **A_8 = Loctite #567**
- **T** Torque: **N•m x 8.85 = In. - lbs.**

Note: To order replacement parts specify the model and serial number of your machine.
***See page 2 for 01608 and 07100 Motor Assemblies, page 3 for Standard Contact Arm Assemblies.**
See page 7 for Important Operating/Maintenance and Safety Instructions before operating this tool.

Standard Duty Air Motor 01608 – Powers Model 11462 & 11475 Dynabelter® (Includes 14230 Drive Wheel)

Index Key

No.	Part #	Description
1	**14230**	Drive Wheel
2	**01738**	Exhaust Cover
3	**01744**	Silencer
4	**01708**	Rotor Nut
5	**01007**	Bearing
6	**01121**	Shim (3/Pkg.)
7	**01008**	Bearing Plate
8	**50767**	Pin (2)
9	**01010**	Spacer
10	**01028**	Cylinder
11	**01185**	Blade (4/Pkg.)
12	**55025**	Rotor
13	**01743**	Bearing Plate
14	**02649**	Bearing
15	**01739**	Motor Housing
16	**01437**	Plug
17	**01548**	Gasket
18	**01461**	Lock Nut
19	**01558**	Collar
20	**95523**	Seal
21	**01470**	Insert
22	**01975***	Housing Assembly
23	**95558**	Retaining Ring
24	**01462**	Safety Lock Lever
	01448	Throttle Lever
25	**12132**	Pin
26	**01449**	Valve Stem
27	**95730**	O-Ring
28	**01024**	O-Ring
29	**01469**	Speed Regulator Assy.
30	**01464**	Seal
31	**01472**	Tip Valve
32	**01468**	Spring
33	**01564**	Air Control Ring
34	**01494**	Inlet Bushing

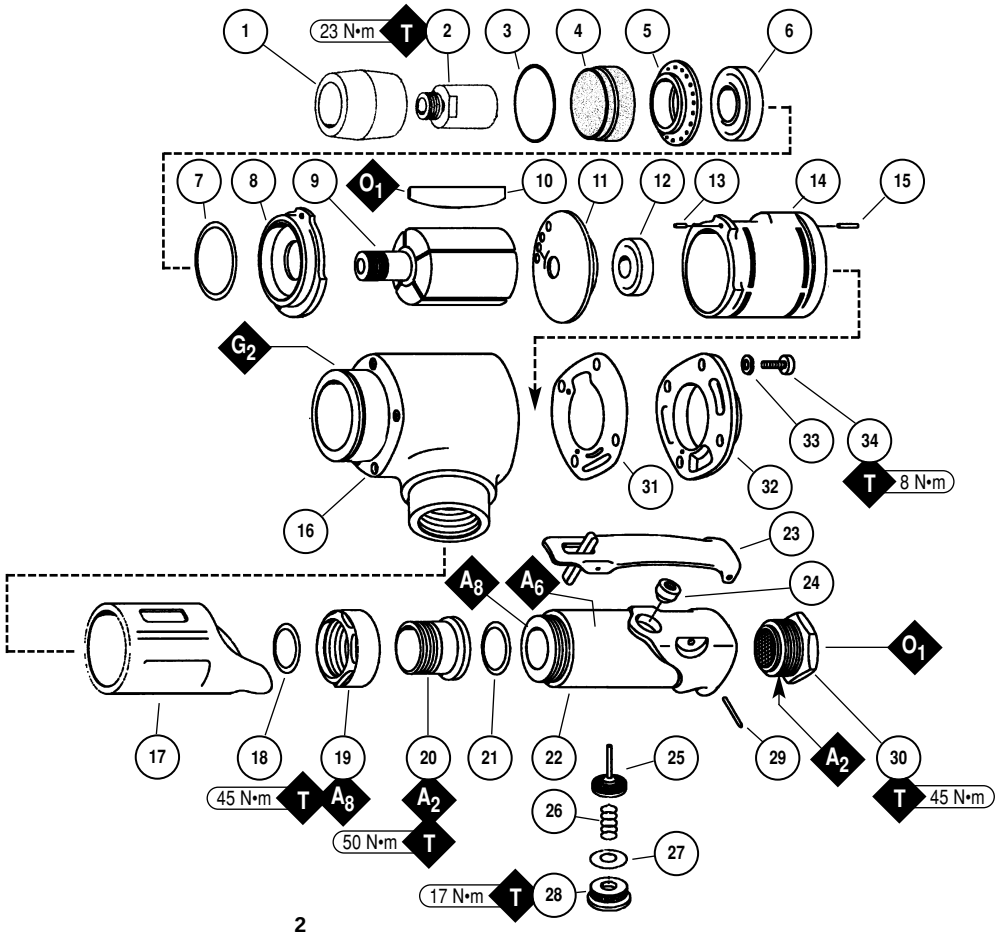


***Note:** Includes, **01488** Housing, **01470** Insert Assembly, **95523** O-Ring and **01564** Air Control Ring.

Heavy-Duty Air Motor 07100 – Powers Model 11476 Dynabelter® (Includes 11518 Drive Wheel)

Index Key

No.	Part #	Description
1	**11518**	Drive Wheel
2	**02553**	Spindle Adapter
3	**95584**	O-Ring
4	**01674**	Silencer
5	**07153**	Air Control Ring
6	**01036**	Bearing
7	**01277**	Shim Pack (3/Pkg.)
8	**07119**	Bearing Plate
9	**07103**	Rotor
10	**07107**	Blade (5/Pkg.)
11	**07114**	Bearing Plate
12	**01007**	Bearing
13	**01673**	Guide Pin
14	**07118**	Cylinder
15	**01775**	Guide Pin
16	**07130**	Housing
17	**07136**	Grip
18	**02658**	Packing
19	**02631**	Nut
20	**02626**	Adj. Housing
21	**01746**	O-Ring
22	**07141**	Valve Body Assembly (Incl. **07142** Bushing)
23	**01089**	Safety Lock Lever
24	**07142**	Bushing
25	**07168**	Valve Stem Assembly
26	**07145**	Spring
27	**07146**	Packing
28	**07147**	Plug
29	**01017**	Pin
30	**01660**	Inlet Bushing
31	**07129**	Gasket
32	**07122**	Cap
33	**01791**	Washer (4)
34	**01790**	Screw (4)

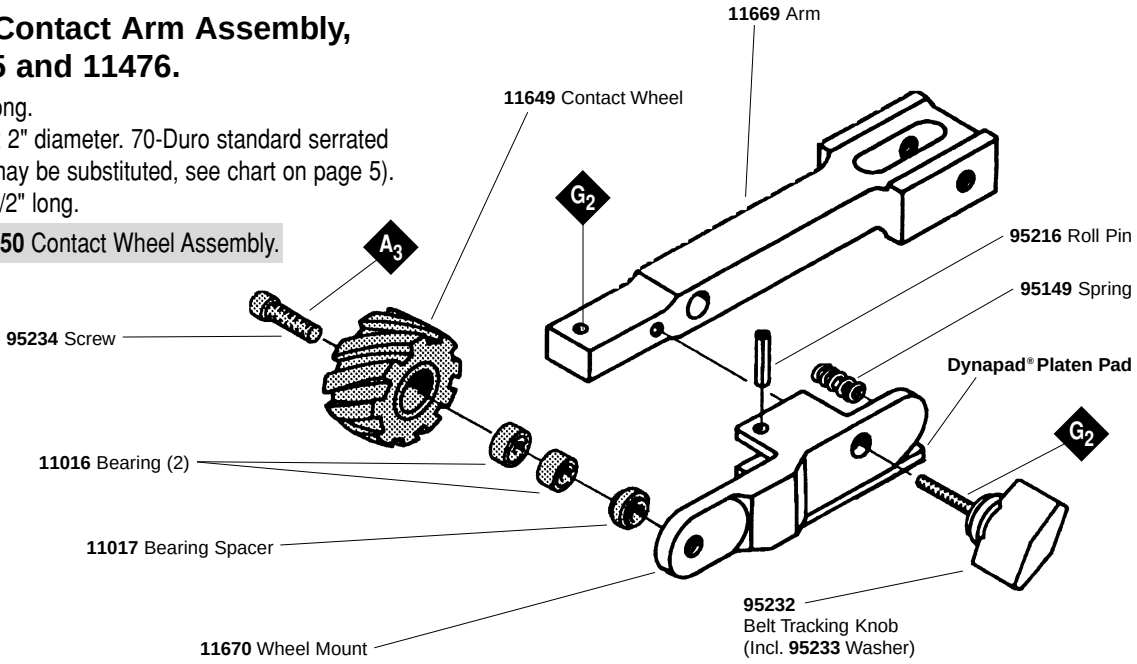


Dynabelter® Standard Contact Arm Assemblies

11681 Standard Contact Arm Assembly, for Models 11475 and 11476.

Belt Size: 1" wide x 30" long.
Contact Wheel: 1" wide x 2" diameter. 70-Duro standard serrated urethane. (Other wheels may be substituted, see chart on page 5).
Platen Pad: 1" wide x 2-1/2" long.

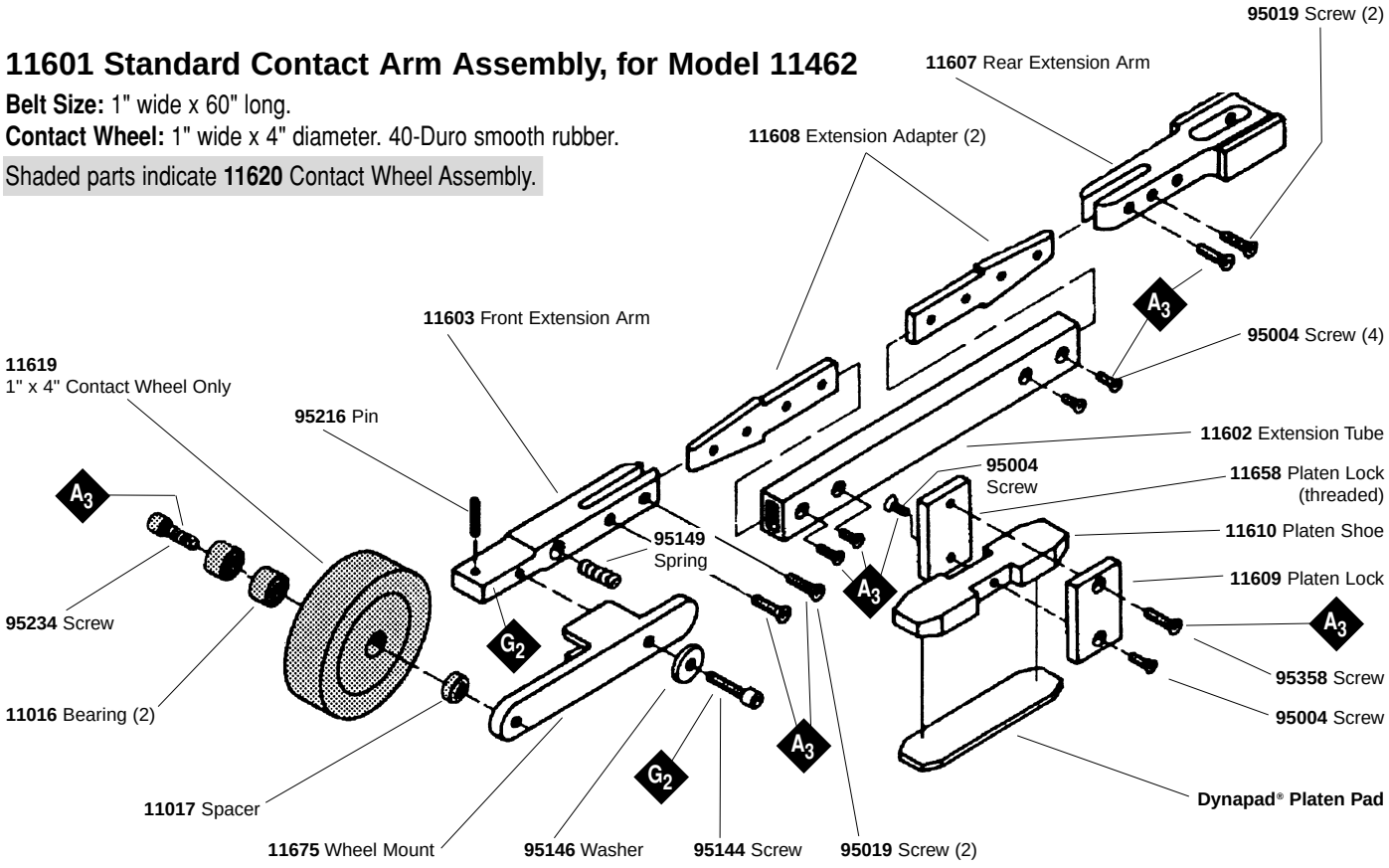
Shaded parts indicate **11650** Contact Wheel Assembly.



11601 Standard Contact Arm Assembly, for Model 11462

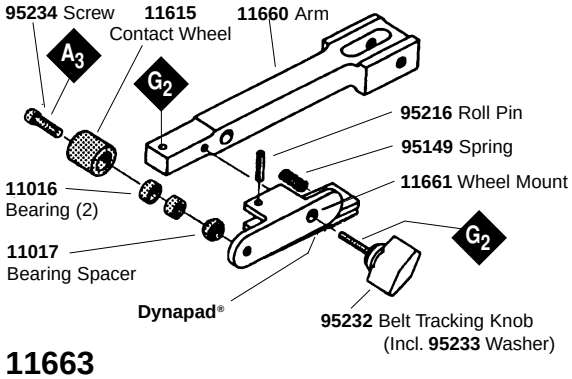
Belt Size: 1" wide x 60" long.
Contact Wheel: 1" wide x 4" diameter. 40-Duro smooth rubber.

Shaded parts indicate **11620** Contact Wheel Assembly.



The **11462** Dynabelter® Finisher normally uses 1" wide x 60" long abrasive belts.
The **11602** Extension Tube can be modified to accommodate various belt lengths.

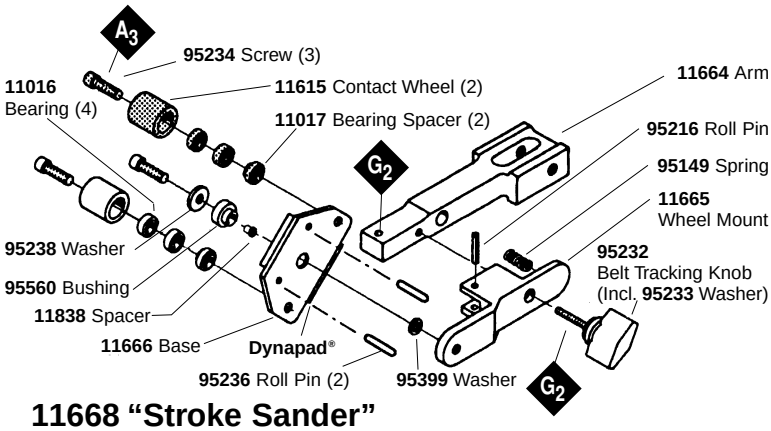
Optional Contact Arm Assemblies



11663

Belt Size: 1" wide x 30" long.
Contact Wheel: 1" wide x 1" diameter. 80-Duro smooth rubber.
Platen Pad: 1" wide x 2-1/2" long.

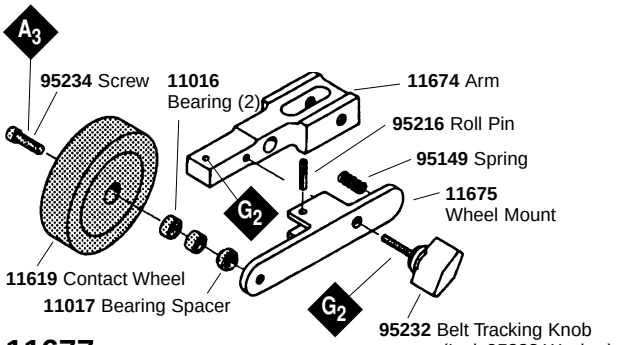
Shaded parts indicate **11616** Contact Wheel Assembly.



11668 "Stroke Sander"

Belt Size: 1" wide x 30" long.
Contact Wheel: 1" wide x 1" diameter. 80-Duro smooth rubber.
Platen Pad: 1" wide x 1-7/8" long.

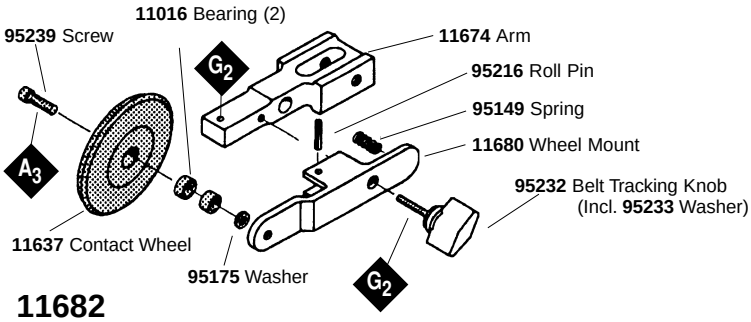
Shaded parts indicate **11616** Contact Wheel Assembly (2 included).



11677

Belt Size: 1" wide x 30" long.
Contact Wheel: 1" wide x 4" diameter. 40-Duro smooth rubber.
Note: 80-Duro available.

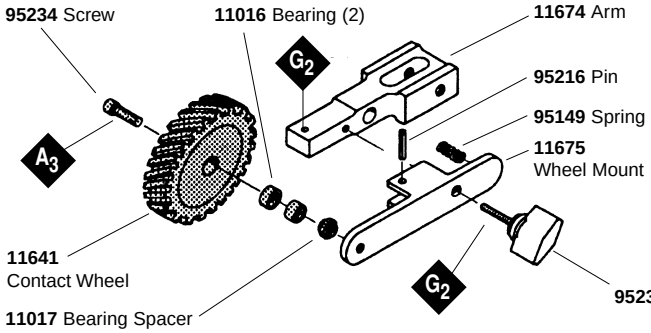
Shaded parts indicate **11620** Contact Wheel Assembly.



11682

Belt Size: 1/2" or 1" wide x 30" long.
Contact Wheel: 1" wide x 4" diameter. 70-Duro radiused rubber.

Shaded parts indicate **11638** Contact Wheel Assembly.



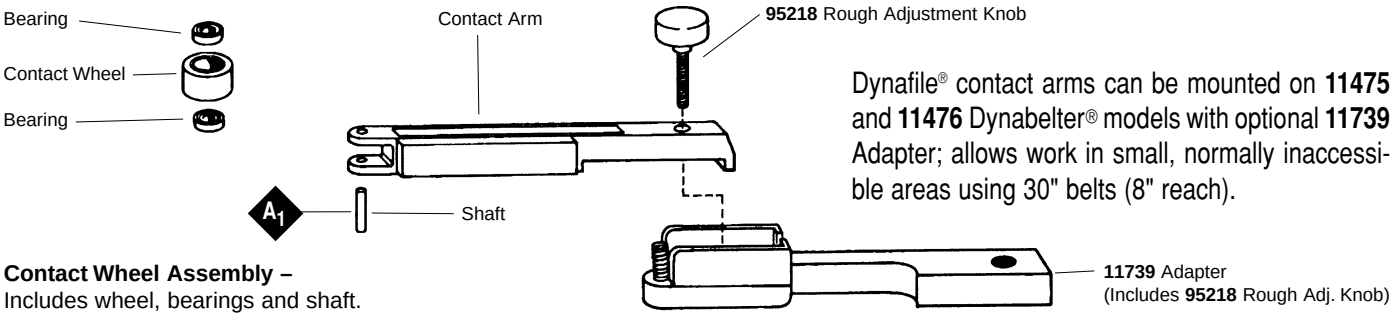
11684

Belt Size: 1" wide x 30" long.
Contact Wheel: 5/8" wide x 4" diameter. 40-Duro standard serrated rubber.

Shaded parts indicate **11642** Contact Wheel Assembly.

Note: Arm extenders are available: **11656** for 42" belts; **11657** for 54" belts; **11679** for 60" belts.

Optional Contact Arm Assemblies *(continued)*



Contact Wheel Assembly –
Includes wheel, bearings and shaft.

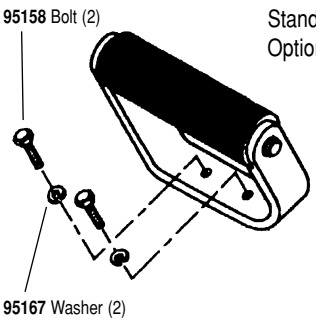
Dynafile® contact arms can be mounted on **11475** and **11476** Dynabelter® models with optional **11739** Adapter; allows work in small, normally inaccessible areas using 30" belts (8" reach).

Dynafile® Contact Arms for use with Dynabelter (11739 Adapter)

Part Number	Abrasive Belt Size	Contact Wheel Description	Contact Wheel Assembly	Contact Wheel Only	Bearing (2) Req.	Shaft
11212	1/4" x 24"	5/16" Dia. x 1/8" W Steel	11066	11065	11051 (1)	11056
11213	1/2" x 24"	5/16" Dia. x 3/8" W Steel	11068	11067	11051	11054
11214	1/2" x 24"	7/16" Dia. x 3/8" W Rubber	11070	11069	11051	11054
11215	1/4" x 24"	7/16" Dia. x 1/8" W Brass	11072	11071	11052 (1)	11053
11216	1/4" x 24"	5/8" Dia. x 1/8" W Rubber	11074	11073	11052 (1)	11053
11217	1/2" x 24"	1/2" Dia. x 3/8" W Steel	11076	11075	11052	11054
11218	1/2" x 24"	5/8" Dia. x 1/8" W Rubber	11078	11077	11052	11054
11219	1/4" or 1/2" x 24"	1" Dia. x 3/8" W Radiused Rubber	11080	11079	11052	11054
11228	1/2" x 24"	5/8" Dia. x 3/8" W Rubber	11078	11077	11052	11054
11231	1/2" x 24"	3/4" Dia. x 1/2" W Rubber	11084	11083	11052	11055
11232	1/8" or 1/4" x 24"	1" Dia. x 3/8" Tapered Urethane	11086	11085	11052	11054
11239	1/2" x 24"	5/16" Dia. x 3/8" W Steel	11068	11067	11051	11054
11243	1/2" x 24"	3/4" Dia. x 1/2" W Rubber	11084	11083	11052	11055

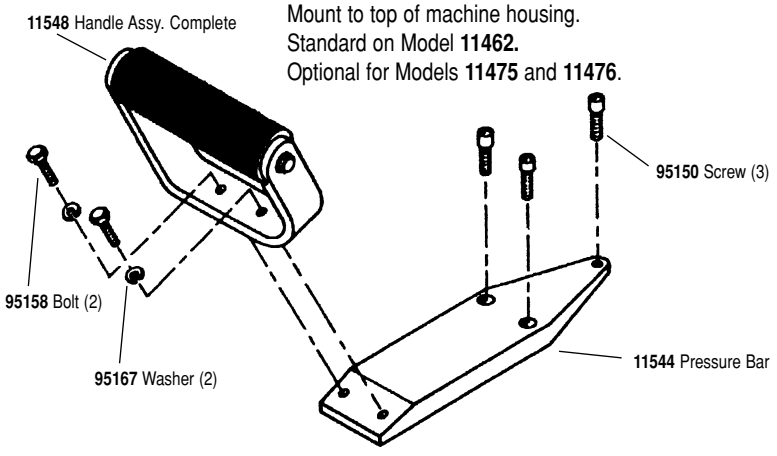
Accessories

11548 Top Handle Assembly



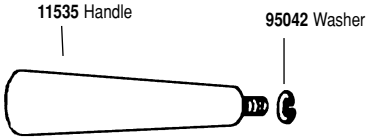
Mounts to top of machine housing.
Standard on Model **11476**.
Optional for Model **11475**.

11705 Pressure Bar Assembly



Mount to top of machine housing.
Standard on Model **11462.**
Optional for Models **11475** and **11476**.

11535 Side Handle



Mount to side of machine housing.
Standard on Model **11475**.
Optional for Models **11462** and **11476**.

Optional Accessories

1" x 2" Urethane Wheel Assemblies Available for 11681 Contact Arm Assembly			
Durometer	**Serration**	**Color**	**Part No.**
90	Scoop	Amber	11614
90	Standard	Amber	11618
80	Standard	Blue	11652
70	Standard	Green	11650
60	Standard	Red	11648

Note: Higher durometer indicates harder wheel for more aggressiveness. Scoop serration also is more aggressive than standard serration.



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

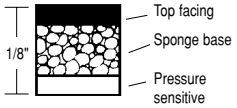
- 94300 1/4" NPT
- 95461 3/8" NPT
- 95462 1/2" NPT

Dynapad® Platen Pads – Mounts to tool contact arm to provide abrasive belt support.

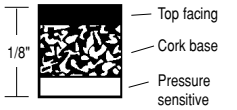
Part No.	Used on these Contact Arms	Size	Material	Pkg. Qty.
11025	Dynafile®	1/2"W x 7"L x 1/8" Thk	Soft/Sponge	5
11026	Dynafile®	1/2"W x 7"L x 1/8" Thk	Hard/Cork	5
11027	Dynafile®	1/2"W x 7"L x 1/32" Thk	Thin	5
11028	Dynafile®	1/2"W x 3"L x 1/8" (bolts on 11228 Contact Arm)	Steel	1
11032	Dynafile®	1/4"W x 7"L x 1/8" Thk	Soft/Sponge	5
11033	Dynafile®	1/4"W x 7"L x 1/8" Thk	Hard/Cork	5
11034	Dynafile®	1/4"W x 7"L x 1/32" Thk	Thin	5
11604	Dynabelter®	1"W x 7"L x 1/8" Thk	Soft/Sponge	5
11605	Dynabelter®	1"W x 7"L x 1/8" Thk	Hard/Cork	5
11814	Dynabelter®	2"W x 7"L x 1/8" Thk	Hard/Cork	1
11834	Dynabelter®	2"W x 7"L x 1/8" Thk	Soft/Sponge	1

Note: All Dynapad Platens PSA mounted except 11028. Cork and sponge-base platen pads easily trimmed to size. Unit = 10 pkgs. each.

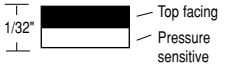
Soft
For deburring and polishing contoured pieces.
11025 – 1/2" W x 7" L x 1/8" Thk. – 5/pkg.
11119 – 3/4" W x 7" L x 1/8" Thk. – 5/pkg.



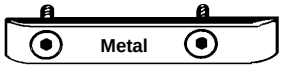
Hard
For heavy deburring and polishing
11026 – 1/2" W x 7" L x 1/8" Thk. – 5/pkg.
11109 – 3/4" W x 7" L x 1/8" Thk. – 5/pkg.



Thin
For aggressive grinding.
11027 – 1/2" W x 7" L x 1/32" Thk. – 5/pkg.
11129 – 3/4" W x 7" L x 1/32" Thk. – 5/pkg.



Metal
For flat grinding and heavy stock removal; bolts to contact arm.
11028 — 1/2" W x 3" L (for Dynafile II **11228** Arm only)



Abrasive Belts

Coated Aluminum Oxide/30" Long

Tough, durable synthetic used for work on high carbon steels, general metalworking and certain hardwoods.

2" Wide/Unit = 50 Belts. All others/Unit = 200 Belts

	Part Numbers			
Grit	**1/4" W**	**1/2" W**	**1" W**	**2" W**
40	92175	92180	92185	92190
60	92176	92181	92186	92191
80	92177	92182	92187	92192
120	92178	92183	92188	92193
180	90471	90493	90512	90390
220	90472	90494	90513	90391
320	90473	90496	90514	90392

60" Long — For use with 11679 Contact Arm Extender

60	—	—	94621	94611
80	—	—	94622	94612
120	—	—	94623	94613

Abrasive Impregnated Non-Woven Nylon/30" Long

Mineral is impregnated in non-woven fiber. Results in consistent surface conditioning and cleaning.

Unit = 12 Belts

Grit	**1/4" W**	**1/2" W**	**1" W**	**2" W**
Very Fine	—	90406	90401	90414
Medium	—	90436	90437	90438
Coarse	—	90442	90444	90448

Cloth Polishing Belts/30" Long

Unit = 25 Belts

—	—	—	90015	—

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.

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 position abrasive belt on tool (see abrasive belt/contact arm change instructions).
2. Connect power source to tool. Be careful **not** to depress throttle lever in the process.
3. 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.
4. Always work off the return side of the abrasive belt. This will ensure superior tracking and less down time of machine.

Abrasive Belt/Contact Arm Change Instructions:

To Change Belt:

1. Disconnect power source.
2. Remove **11592** Cover Guard.
3. Release **11551** Belt Tension Lever.
4. Pull belt backwards and to the left until belt is released from drive wheel.
5. Reverse process for applying new belt.
6. Connect power source.
7. Depress throttle lever to start motor and belt rotation.
8. Adjust belt tracking by turning **95232** Belt Tracking Knob on contact arm assembly to the left or right accordingly.

To Change Contact Arm Assembly:

1. Disconnect power source.
2. Remove **11592** Cover Guard.
3. Remove abrasive belt (see instructions).
4. Remove **95419** Rough Adjustment Knob.
5. Remove Contact Arm and replace with desired contact arm.
6. Replace **95419** Knob. Do not tighten knob at this point.
7. Replace abrasive belt.
8. With abrasive belt in proper position, push contact arm assembly forward until the contact wheel is tight against abrasive belt.
9. Tighten **95419** Knob.
10. Replace **11592** Cover Guard.
11. Reset **11551** Belt Tension Lever.
12. Connect power source and depress throttle lever to start motor and abrasive belt rotation.
13. Adjust belt tracking by turning **95232** Belt Tracking Knob on contact arm assembly to the left or right accordingly.

Maintenance Instructions:

Products offered by Dynabrade should not be converted or otherwise altered from original design without expressed written consent from Dynabrade, Inc. All Dynabrade rotary vane air tools must be used with a filter-regulator-lubricator to maintain all warranties.

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 with two drops of Dynabrade Air Lube (P/N **95842**: 1pt. 473ml.) every four hours of use.
4. It is strongly recommended that all Dynabrade rotary vane air tools be used with a Filter-Regulator to minimize the possibility of misuse due to unclean air, wet air or insufficient lubrication. Dynabrade recommends the following: **11411** Air Line Filter- Regulator-Lubricator — Provides accurate air pressure regulation, two-stage filtration of water contaminant's and micro-mist lubrication of pneumatic components. Operates 55 SCFM @ 100 PSIG has 1/2" NPT female ports.

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).
- **Warning:** Eye, face, respiratory, sound and body protection must be worn when operating power tools. Failure to do so may result in serious injury or death.
- Products offered by Dynabrade should not be converted or otherwise altered from original design without the expressed written consent of Dynabrade,Inc.
- Tool RPM rating must never exceed abrasive/accessory RPM rating, regardless of tools capacity.
- Operate machine for one minute before application to workpiece to determine if machine is working properly and safely before work begins.
- Always use proper guards. Make sure guards are in proper position, secure and in good repair.
- Always disconnect power supply before changing abrasive or making machine adjustments.
- Inspect abrasives for damage or defects prior to installation on tools. Make sure belts are mounted properly; check for proper tension and belt tracking.
- Please refer to Dynabrade's Warning/Safety Operating Instructions Tag (Reorder No. **95903**) for more complete safety information.



Visit our new Web Site: www.dynabrade.com **Email:** Customer.Service@Dynabrade.com

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