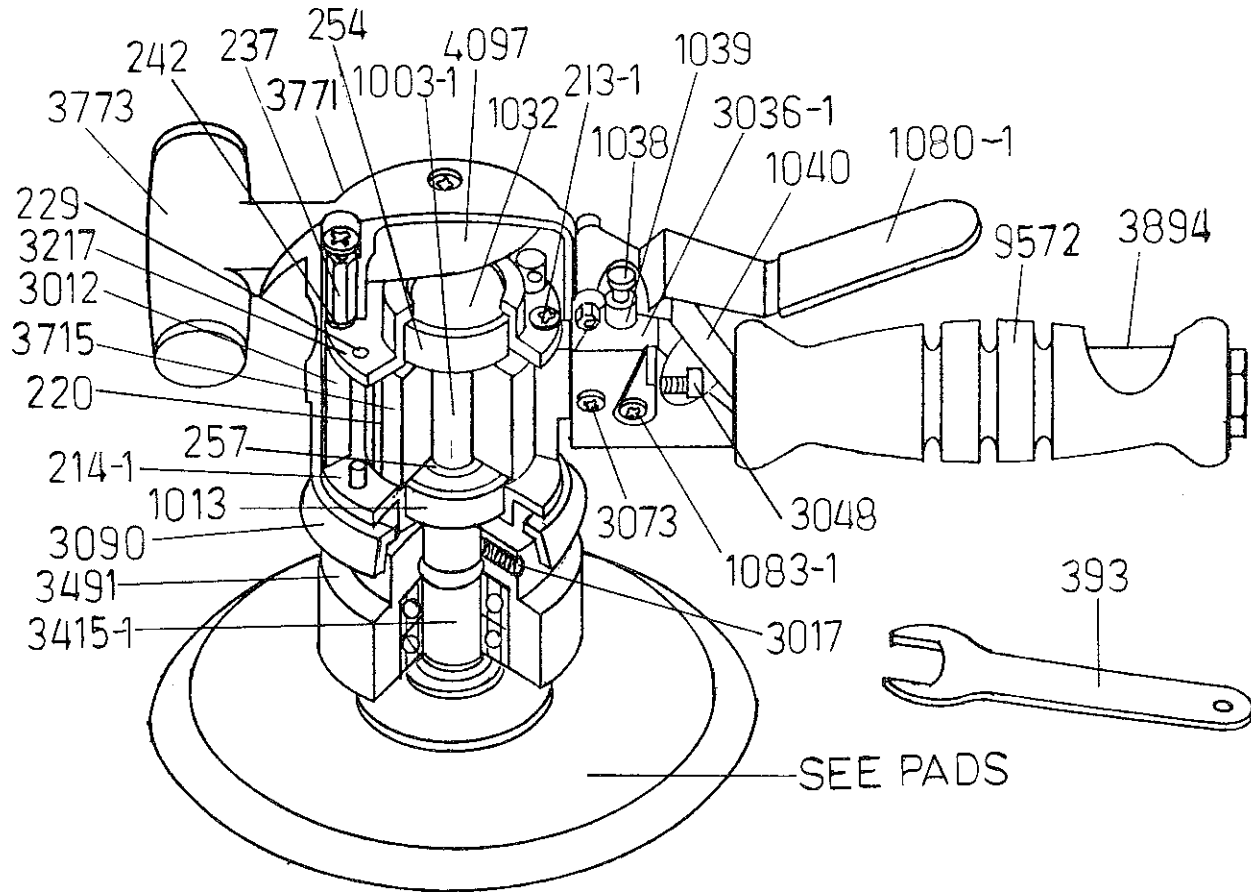




National Detroit, Inc.

P.O. Box 2285 ■ Rockford, IL 61131
 (815) 877-4041 ■ Fax (815) 877-4050
 email: NationalDetroit@compuserve.com
 website: <http://www.NationalDetroit.com>

Shipping Address:
 1590 Northrock Court
 Rockford, IL 61103



Part No.	Description
213-1	Motor Screw
214-1	Lower Motor Bearing Plate Only
3214	Lower Bearing Plate with 1013 Bearing
220	Rotor Blade (5)
224	Screen Plug
229	Dowel Pin (4)
237	Nut, Cover Mounting (3)
242	Lockwasher, Motor Screw (4)
246-1	Valve Spring
250	Valve Pipe Plug
253	Nut, Motor Screw (1)
254	Ball Bearing Upper Motor
257	Shim (sizes available .001 thru .006, .010 and .015)
393	Pad Wrench
1003-1	Motor Rotor Shaft
1013	Ball Bearing Lower Motor
1032	Gasket, Upper Motor Bearing
1037	Valve Ball
1038	Valve Stem
1039	Valve Stem Sleeve
1040	Valve Lever
1042	Valve Lever Jam Nut
1080-1	Valve Lever Booster Assembly
1080-B	Valve Lever Bracket Nut
1080-C	Valve Lever Bracket Screw
1083-1	Speed Control Regulator Assembly
3012	Cylinder

Part No.	Description
3017	Set Screw for Drive Head (2)
3036-1	Valve Assembly with 1083-1
3048	Valve Screw (2)
3073	Cover Screw with Washer (5)
3090	Skirt
3217	Upper Motor Bearing Plate Only
9217	Upper Bearing Plate with 254 & 1032
3415-1	Bearing & Shaft Assembly
3491-3	Head Assembly for 3" Pad
3491-5	Head Assembly for 5" Pad
3491-6	Head Assembly for 6" Pad
3495	Upper Counterweight
3496-3	Lower Counterweight 3"
3496-5	Lower Counterweight 5"
3496-6	Lower Counterweight 6"
3497	Lower Counterweight Screw (2)
3715	Rotor
3771	T-Handle Cover
3773	T-Handle Foam Grip
3892	Handle Only
3893	Handle Adapter
3894	Handle Assembly
4097	Muffler
8150	Upper Counterweight Screw (2)
9572	Foam Grip

Pads, See Other Side

See other side for pad information

Pads

MODEL	PAD DESCRIPTION	SIZE		
		3 INCH	5 INCH	6 INCH
XLB	Molded PSA Vinyl	4862-3	4862-5	4862-6
XLB	Molded Hook and Loop	4677-3	4677-5	4677-6

(Use National Detroit pads only. Sanders are balanced for use with these pads.)

See pad and abrasive application sheet. Contact National Detroit with details of special requirements for factory recommendations.

NATIONAL DETROIT MODEL XLB BUFFER/SANDER

OPERATING INSTRUCTIONS

AIR PRESSURE:

We recommend 70-90 PSI for this tool. Use the speed control lever to adjust the speed for best performance. Never run the tool free or wild or on higher than recommended air pressure. Injury and damage can result.

LUBRICATION:

Put several drops of light oil (10 weight) through the air intake per shift. This will greatly prolong tool life and maintain operating speed. If an in-line oiler is used, set it

for 1 drop every 5 minutes. Excessive oil will cause an oil film to form on the work surface.

AIR SUPPLY:

Clean, dry air is the most important factor in preventing damage and excessive wear. We recommend using and maintaining a moisture trap and filter. Drain the compressor daily, keep the air intake clean and follow the lubrication guidelines.

APPLICATIONS

FOR BUFFING:

There are many types of buffing pads, both wool and foam, that can be used on the XLB. Because the XLB can be counter weighted to run with 3, 5, and 6 inch pads, make sure the number stamped on the lower counterweight matches the size pad you are using. Select the correct type of buffing pad and compound for the work to be done and center the buffing pad on the hook and loop surface of the XLB backing pad. All buffing and polishing pads must be kept clean. Even the smallest particle of dirt or dried compound can cause scratches in a finish.

The XLB is capable of 10,000 RPM speed but gentle pressure will slow this to optimum buffing speed. Apply a

slight downward pressure that will allow the pad to maintain rotation and keep the tool moving at all times. Let the tool do the majority of the work and the random dual action will provide a fast, swirl free finish.

FOR SANDING:

The XLB is very aggressive when used for sanding and stripping. You may find that a grade or two finer abrasive will leave a better surface with less work in subsequent steps. You may also find that a soft foam interface pad to be a benefit. This will approximate the weight and center of gravity of buffing pads.

SERVICE AND COUNTERWEIGHT INSTRUCTIONS

REMOVING DRIVE HEAD ASSEMBLY:

Using the supplied wrench, remove the pad by turning counter clockwise. Loosen the two set screws (#1017) several turns and the assembly will come free of the motor shaft.

COUNTERWEIGHTS:

The lower counterweight on the XLB can be changed to match different pad sizes. Remove the two mounting screws with a 5/32" hex wrench and install the new counterweight using the same screws. Make sure the pad matches the size stamped on the lower counterweight you are using.

For more involved service please contact National Detroit, Inc.

**CAUTION: READ AND OBSERVE THE ENCLOSED WARNINGS
AND SAFETY RULES FOR SAFE OPERATION.**