



JUNE 2016 SHOP SUPPLIES

44



SHOP SOLUTION

POLISHING ARBOR

I made an arbor to polish piston pins and pilot bushings that can be chucked up in my lathe, or even in a drill chuck. First I cut off the head of a long carriage bolt. This one was 3/8" coarse and will fit in a small drill chuck. Then added a nut, followed by a Chevy rocker arm ball (3/8"). Then the part to polish, followed by another rocker ball and tightened up with another nut. The rocker balls work great to locate and center something like the wrist pin that has a larger I.D. than the arbor shaft.

BY: Wes Schell,
Schell Engine & Machine, Gregory, SD

Read all six tips in Engine Builder Magazine, or register for Sterling's e-news and get it delivered to your inbox on the first Friday of every month.



Are you on the list?

June is our 44th issue of E-Update, our electronic newsletter designed for machinists, builders and shop owners.

- Shop Solutions from our readers
- Qwik-Order tips
- Q & A, fun facts about cars
- Industry news

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DROP SHIP SERVICE

- Finalize Order
- Click Drop-Ship Address link
- Enter note with shipping instructions

**Order
Online**

Order Summary	
Ordered	
Shipping	
Back Ordered	
Core	
Shipping & Handling	
Total	\$8.19

Drop-Ship Address	
Password:	Drop Ship to:
Name:	
PO Box:	
Street:	
City:	
State:	
Zip:	
Phone:	

Order Notes	
Enter Order Notes	
Ship parts to my customer regular UPS ground service. He needs parts by Thursday. Include un-priced packing slip.	



SHOP SUPPLIES

Tools, Abrasives, Chemicals, Parts

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Mix-Match 10 boxes VSI

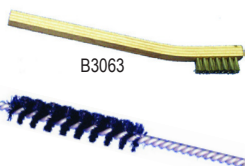
Valve Spring Inserts

Combine with Visa offer !

\$250 Silver Seal ORDER Gets a \$25.00 VISA

CLEANING BRUSHES

Part #	Description	Everyday Price
B3022	3/8" Nylon Guide	\$3.41
B3024	1/2" Nylon Hand Guide	\$3.41
B3041	5/16" x 2 1/2" Nylon	\$3.95
B3040	1/4" x 2" x 10" Nylon	\$3.95
B3063	7/8" Diesel Injection	\$3.51



B3063

KNOTTED WIRE END BRUSHES

B3076	3/4"L, Sever Duty, .014 Wire	\$10.10
B3082	1-1/8"L, Extreme Duty, .020 Wire	\$10.53
B3084	3/4"L, Extreme Duty, .020 Wire	\$8.79



B3094

PORT BRUSHES

B3093	1/4" Port Brush	\$17.31
B3094	1/2" Port Brush	\$17.31



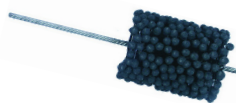
POLISHING BELTS

3050	1" X 64"; 240 Grit	\$27.88
3058	1" X 70"; 320 Grit	\$28.85
3064	1" X 72"; 320 Grit	\$28.13



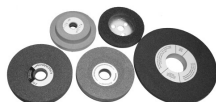
FLEX-HONES

4163	11/32", 240 Grit - Valve Guide	\$21.15
4164	3/8", 240 Grit - Valve Guide	\$21.15
4123	3/4", 180 Grit - Lifter Bore	\$20.19
4124	1", 180 Grit - Lifter Bore	\$21.15
4108	3.750"-4.125" x 13.5", 120 Grit, SD	\$49.04
4114	4.000"-4.500" x 13.5", 120 Grit, HD	\$81.65



VALVE RESURFACER WHEELS

2300	4 X 1 X 5/8 GP	\$32.22
2300R	4 X 1 X 5/8 GP Ruby	\$30.29
2312	5 X 7/8 X 7/8 GP	\$44.72
2320	7 X 1 X 7/8 GP	\$51.40
2342	7 X 11/16 X 1-3/4 GP	\$44.72
2400	4/3 X 1-1/2 Flared	\$37.99
80702	Diamond Dressing	\$30.77



CYLINDER HONING STONES

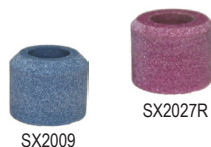
SAN200	150 Grit 2.7-4.1 Bore	\$21.15
SAN201	150 Grit 3.5-5.5" Bore	\$21.15
SAN300	220 Grit 2.7-4.1 Bore	\$21.15
SAN301	220 Grit 3.5-5.5" Bore	\$20.19
SAN500	280 Grit 2.7-4.1 Bore	\$21.15
SAN501	280 Grit 3.5-5.5" Bore	\$21.15
SM27J87	400 Grit 2.7-4.1" Bore	\$19.72



VALVE SEAT STONES 1-1/8 to 3"

Black & Decker, Kwik-Way, Sioux

KW2104	1-3/8, 90° Kwik-Way General Purpose	\$13.69
KW2104R	1-3/8, 90° Kwik-Way Ruby	\$13.69
KW2105	1-1/2, 90° Kwik-Way General Purpose	\$13.69
SX2027	1-3/4, 45° Sioux General Purpose	\$12.94
SX2027R	1-3/4, 45° Sioux Ruby	\$12.94
SX2033	1-7/8, 45° Sioux General Purpose	\$12.94
1702	Stone Holder for Sioux	\$112.50
4455	Clover Grinding Compound, 280 Grit	\$42.31



SX2009

SX2027R



1702

DIAMETER	.060"	.030"	.015"	Invoice
1.00" X 1.36"	A102	B102	C102	18.76
1.00" X 1.50"	A103	B103	C103	18.76
1.218" X .880"	A105	B105	C105	18.76
1.25" X .810"	A203	B203	C203	18.76
1.25" X .880"	A201	B201	C201	18.76
1.437" X .650"	A306HP	B306HP	C306HP	17.77
1.48" X .700"	A303HP	B303HP	C303HP	17.77

STANDARD 100 PACK; HP 50 PACK

HONING OIL

Part #	Description	Everyday Price
84005	MD Honing Oil (CK50), 5 gal	\$116.25
84505	HD Honing Oil (MAN845) 5 gal	\$107.81
85005	General Purpose Honing Oil 5 gal	\$84.49



COOLANT

4513	Crankshaft Grinding Coolant 5 gal	\$133.13
4506	Flywheel Grinding Coolant 1 gal	\$40.38
4508	Flywheel Grinding Coolant 5 gal	\$139.69



BLASTING MEDIA

7016	Steel Shot 50lb pail	\$46.15
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HEAT TABS

80-1000-100	Heat Tabs (Bag of 100)	\$20.99
HTA	Heat Tab Adhesive	\$6.49



BEAD & TANK GLOVES

4700	Hot Tank Gloves, mid-forearm, pair	\$22.60
4708	Glass Bead Glove, Left only	\$32.22
4709	Glass Bead Gloves, 8"x25"x30" OAL, pair	\$50.00



CRACK DETECTION

10100	Crack Detection Kit	\$207.00
10010	Dye Penetrant Crack Finder Kit	\$44.44
30333	Fluid Weld 2oz. Bottle	\$28.60
30334	Fluid Weld - 8.8 oz Bottle	\$86.87
30444	Seal-Lock - 1 Qt Bottle	\$41.83
30445	Seal-Lock - 1 Gal Bottle	\$141.80
10020	Yellow Mag Powder 3 lbs	\$15.68
10021	Yellow Mag Powder 5 lbs	\$23.22
10012	Dye Penetrant 8.5oz. Spray	\$12.06
10205	Developer 8.5oz. Spray	\$12.26
4409	Blue Dye, 16oz Aerosol	\$10.33



10100

CLEANING

CH31801	Jet Pro Spray 160-190F	\$107.81
CH31862	Jet Citrus Spray 160-190F	\$117.20
CH30814	Hot Tank Citrus Soak 140F	\$120.00
4738	Basket - 2 piece small steel basket	\$19.23
4739B	Basket - 9" high	\$12.50
4739L	Basket - Lid for 4739B	\$8.65



10010

4738