

## Power-Grip Lapping Stick RV-1275



A QUALITY TOOL \* SOUND DESIGN \* BUILT TO LAST

POWER-GRIP valve grinder provides a positive system for holding valves during the checking and lapping operations.

The spring-loaded vacuum pump, built into the handle, provides vacuum reserve for long-lasting hold and serves as a leakage indicator to minimize unexpected release. A single stroke attaches the cup firmly.

The cups are molded from tough, durable tread rubber, while the one-piece handle is made of a space-age material resistant to the grease and corrosives normally associated with gasoline engine repair. The two sizes of cups provided in this set cover most sizes of automotive valves in use today.

### REPLACEMENT CUPS:

<b>3/4" Cup</b> RV-1277	<b>1" Cup</b> RV-1278	<b>1-1/4" Cup</b> RV-1279
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## Clover Brand Grinding Compounds



Clover's standard compound combines uniformly graded, sharp, hard, yet friable silicon carbide abrasive grains suspended in a high temperature grease mix binder. This is the best combination for lapping of hardened steel, the most common lapping job in the automotive after-market. Available in nine grades, the most popular being A, C, D, and E. Unique duplex cans with equal amounts of A and E are very popular with skilled mechanics as well as do-it-yourselfers.

### Silicon Carbide Grease Mix

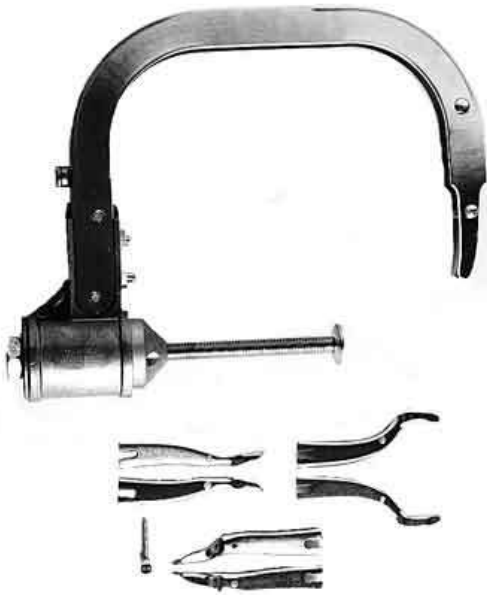
**CLD-1** 4 oz. duplex cans. Equal parts (2 oz. each) of coarse and fine, A&E grades



16 oz.	Grade	Grit	Description
CL-163A	3A	500	Extremely Fine
CL-162A	2A	400	Extremely Fine
CL-161A	1A	320	Very Fine
CL-16A	A	280	Fine
CL-16B	B	240	Medium Fine
CL-16C	C	220	Medium
CL-16D	D	180	Medium Coarse
CL-16E	E	120	Coarse
CL-16F	F	100	Extra Coarse

Clover grinding compound only available in 16 oz except duplex cans.

## Air Power "C" Clamp Valve Lifters RL-700



- 2 fingers do the work
- Operates on 90 to 150 lbs. air pressure
- Parallel lift positively will not bend valve stem
- 3 sets of quick-change jaws included: RL-21, RL-22C, and RL-23
- Unit develops 3 times line pressure
- Inside frame dimensions are 9" x 10 1/2"
- Weighs only 6 1/2 pounds

### EXTRA JAWS: (New Quick Change)

No.	Description
RL-21	Small straight jaws for 7/8" to 1-7/8" diam.
RL-22C	Medium offset jaws for 1" to 2" diameters
RL-22CTS	Thumb Screw
RL-23	Large straight jaws for 1 1/2" to 2 1/2" diam.

### Rebuild Items:

No.	Description
RL-700-1	Replacement Power Head (New)
RL-700-1-4	Cylinder rubber washer
RL-700-3A	Exhaust valve complete
RL-700-3B	Intake valve complete
RL-700-SK	Seal kit for RL-700-1

## Compressor Adapters

### Adapters to fit 2-valve and 4-valve cylinder heads

Regis now has three adapters to fit OHC engines. The 32 mm adapter is intended primarily for 2 valves/cylinder engines and the 26 & 27 mm adapters work well on the smaller 4 valve engines.

No.	Description	Size	
RL-26mm	26 mm O.D. jaw adapter	4" tall	Metal
RL-27mm	27 mm O.D. jaw adapter	3" tall	Plastic
RL-32mm	32 mm O.D. jaw adapter	3" tall	Plastic



## VALVE KEEPER INSTALLERS

For valve stem diameters from 5.5mm to 3/8"  
Easy, fast one step installation of your valve keepers.  
Just put keepers in the end of the magnet barrel, put over valve stem and push. It's just that simple.  
The magnet helps hold the keepers in place on the valves and prevents dropping. If you do accidentally drop the keepers just use the magnet to retrieve them. We have 5 sizes of valve keeper installers available for you to cover most applications.

No.	Description
VKI-5.5MM	FOR VALVE STEM SIZES 5.5 MM
VKI-6MM	FOR VALVE STEM SIZES 6MM
VKI-8MM	FOR VALVE STEM SIZES 8MM
VKI-343	FOR VALVE STEM SIZES 11/32
VKI-375	FOR VALVE STEM SIZES 3/8



**RIMAC VALVE SPRING TESTER**

This durable tester accurately measures new and used valve and clutch springs, including heavy duty diesel applications up to 2" diameter and 4-1/2" free length.

Ram travel ... 4 3/4"  
 Upper anvil ... 2 1/4" dia.  
 Lower anvil ... 3 1/4" dia.

Scale is in inches and centimeters & force is in pounds and kilograms.

<b>0-250 LBS</b>	<b>RIM0067</b>	<b>0-350 LBS</b>	<b>RIM0068</b>
<b>0-500 LBS</b>	<b>RIM0069</b>	<b>0-1000 LBS</b>	<b>RIM0070</b>



**CALABRATED SPRING RIM0095**



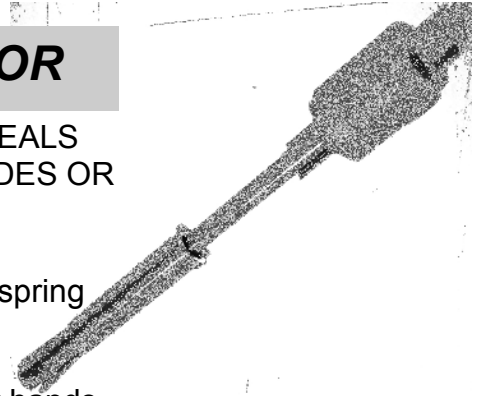
**Valve Stem Seal Removal Pliers  
 SP-92350**

These unique pliers have been developed to remove the valve stem seals used on most overhead camshaft engines. These pliers reach around the valve stem into the confined area of the seal to grip it for removal. Pliers feature "gripping" serrations in the tip allowing them to grasp both original equipment and aftermarket seals, regardless of their configuration. They are made from quality, heat-treated steel and come with easy grip handles.

**VALVE STEM SEAL EXTRACTOR**

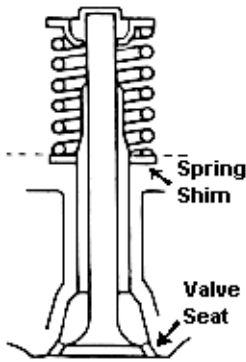
REMOVE EVEN THE STUBBORN VALVE STEM SEALS RAPIDLY WITHOUT DAMAGING THE VALVE GUIDES OR INJURING YOUR HANDS.

- Valve stem seals removed easily from recessed spring pockets.
- Knurled hammer allows firm gripping with greasy hands.
- Works on all known valve stem seal sizes from small to large.



<b>ERV94</b>	FOR USE ON MOST CYLINDER HEADS WITH TWO OR FOUR VALVES PER CYLINDER.
<b>ERV94</b>	FOR USE ON CYLINDER HEADS WITH SMALL VALVE STEM SIZES, TYPICALLY WITH THREE OR MORE VALVES PER CYLINDER.

## DURA-BOND® VALVE SPRING BOOSTER SHIMS



Refacing valves and the grinding of valve seats causes loss of metal. This loss of metal results in the loss of proper spring pressure. To restore the proper spring tension, one must replace the lost material by installing a Valve Spring Booster Shim under the spring.

Dura-Bond Spring Booster Shims are available in both case hardened High Performance and regular series. All shims are made from prime quality cold rolled steel, and all shims meet or exceed OEM specifications.

### 1000 SERIES



.015"

### 3000 SERIES



.030"

### 6000 SERIES



.060"

### 3000 SERIES CUPPED SHIM



.030"

### 6000 SERIES CUPPED SHIM



.060"

Part Number .015 Thickness	Part Number .030 Thickness	Part Number .060 Thickness	O.D.	I.D.
1003 (C204S)	3003 (B204S)	6003 (A204S)	0.760	0.578
1005 (C204)	3005 (B204)	6005 (A204)	0.796	0.515
1010 (C202)	3010 (B202)	6010 (A202)	0.915	0.643
1012	3012	6012	0.960	0.515
1015	3015	6015	0.960	0.625
1020 (C101)	3020 (B101)	6020 (A101)	1.000	0.688
1022	3022	6022	1.000	0.515
1025 (C104)	3025 (B104)	6025 (A104)	1.002	0.766
1030 (C106)	3030 (B106)	6030 (A106)	1.100	0.721
1040 (C300)	3040 (B300)	6040 (A300)	1.124	0.721
1043 (C408)	3043 (B408)	6043 (A408)	1.140	0.570
---	3045-I (B407)	6045-I (A407)	1.162	0.826
1048	3048	6048	1.215	0.515
1050 (C106)	3050 (B106)	6050 (A106)	1.215	0.876
1052	3052	6052	1.247	0.518
1055 (C107)	3055 (B107)	6055 (A107)	1.250	0.625
1060 (C203)	3060 (B203)	6060 (A203)	1.246	0.814
---	3060-C (B505)	6060-C (A505)	1.399	0.819
1065 (C107S)	3065 (B107S)	6065 (A107S)	1.250	0.688
1070 (C201)	3070 (B201)	6070 (A201)	1.247	0.877
1080 (C302)	3080 (B302)	6080 (A302)	1.311	0.766
1085	3085	6085	1.311	0.840
1087	3087	6087	1.311	0.890
1090 (C100)	3090 (B100)	6090 (A100)	1.311	0.955
1095	3095	6095	1.330	0.600
1100 (C200)	3100 (B200)	6100 (A200)	1.356	0.642
1110 (C102)	3110 (B102)	6110 (A102)	1.356	1.000
---	3110-C (B502)	6110-C (A502)	1.544	1.025
1120 (C301)	3120 (B301)	6120 (A301)	1.375	0.766
1125	3125	6125	1.375	1.000
1127	3127	6127	1.384	1.018
---	3130-I (B403)	6130-I (A403)	1.374	0.782
1135 (C306)	3135 (B306)	6135 (A306)	1.438	0.645
1140 (C305)	3140 (B305)	6140 (A305)	1.438	0.766
1145 (C109)	3145 (B109)	6145 (A109)	1.438	1.059
1150 (C303)	3150 (B303)	6150 (A303)	1.476	0.795
1152 (C602)	3152 (B602)	6152 (A602)	1.477	0.765
1153 (C306S)	3153 (B306S)	6153 (A306S)	1.500	0.645
---	3153-C (B506)	6153-C (A506)	1.633	0.645
1156-I (C404)	3156-I (B404)	6156-I (A404)	1.502	0.874
1160 (C103)	3160 (B103)	6160 (A103)	1.500	1.030
---	3160-C (B503)	6160-C (A503)	1.633	1.055
1170 (C304)	3170 (B304)	6170 (A304)	1.503	1.155
---	3180-I (B401)	6180-I (A401)	1.604	0.820
1185-S-HP (C601)	3185-S-HP (B601)	6185-S-HP (A601)	1.634	0.643
---	3190-I (B402)	6190-I (A402)	1.689	1.280
---	3200-I (B400)	6200-I (A400)	1.751	0.518
---	3210-I (B405)	6210-I (A405)	1.750	0.890
---	3220-I (B406)	6220-I (A406)	1.751	1.328

\*ALSO AVAILABLE IN HARDENED SERIES- JUST ADD "HP" TO THE END OF PART NO.

# Valve Refacer Wheels



No.	Mfg. No.	Size	Shape	Grade	Grit	Model No.	*
<b>BLACK &amp; DECKER</b>							
REK-629	33056	4x1x5/8	OFFSET	G.P. & STEL	60	A,B,C, LW, M, MW,N, NW, NWO	V
REK-632	16371 (R)	4x1x5/8	OFFSET	STELLITE	80	A,B,C, LW, M, MW,N, NW, NWO	V
REK-638	-	5x1x5/8	OFFSET	G.P.	80	A,B,C, LW, M, MW,N, NW, NWO	V
REK-674	20939	4x1-1/8x1/2	STRT. CUP		54	ALL EXCEPT #6 UNIVERAL	S
REK-877	34131	5x1x5/8	OFFSET	G.P.	60	P,PC,PCB,T,TO,TG	V
REK-1072	32944	6x3/4x2	RECESSED	G.P.	46	#6 UNIVERSAL	V
<b>KWIK-WAY</b>							
REK-184	010-0300-05	3x1-1/4x5/8	STRT. CUP		70	ALL EXCEPT VL	S
REK-548	010-0400-19	4x3/4x7/8	OFFSET	G.P.	70	4001,P	V
REK-720	010-0450-10	4-1/2x7/8x7/8	OFFSET	G.P.	70	CV,SK,KK,VC,SV,XC	V
REK-721		4-1/2x7/8x7/8	OFFSET	STELLITE	100	CV,SK,KK,VC,SV,XC	V
REK-772		7x1x7/8	OFFSET	TITANIUM	100	SVS	V
REK-773	010-0709-01	7x1x7/8	OFFSET	G.P.	90	SVS	V
RE-774	010-0509-01	5x7/8x7/8	OFFSET	G.P. FINISH	80	VS, EVS	V
REK-775	010-0507-07	5x7/8x7/8	OFFSET	G.P.	75	VS,EVS	V
REK-776	RUBY	5x7/8x7/8	OFFSET	STELLITE	80	VS,EVS	V
REK-900	010-0801-09	8x13/8x7/8	OFFSET	G.P.	80	VL	V
REK-901	010-0610-08	6x1-1/4x3/4	RECESSED		70	VK	S
REK-629	83	4x1x5/8	OFFSET	G.P. & STEL	60	ALL EXCEPT BELOW	V
REK-901	010-0610-08	6x11/4x3/4	RECESSED		70	VL	S
<b>SIOUX</b>							
REK-629	83	4x1x5/8	OFFSET	G.P. & STEL,	60	ALL EXCEPT BELOW	V
REK-630	-	4x1x5/8	OFFSET	G.P.	100	ALL EXCEPT BELOW	V
REK-632	RUBY	4x1X5/8	OFFSET	STELLITE	80	ALL EXCEPT BELOW	V
REK-638	78E	4x1x5/8	OFFSET	G.P.	80	ALL EXCEPT BELOW	V
REK-680	176	7x11/16x1-3/4	STRAIGHT	G.P.	70	680,956,2001,2075	V
REK-681	177	7x11/16x1-3/4	STRAIGHT	STELLITE	80	680,956,2001,2075	V
BAR7889R	RUBY	7x11/16x1-3/4	STRAIGHT	G.P./ STEL.	80	680,958,2001,2075	V
REK-647	-	4x1x5/8	STRT. CUP		54	ALL EXCEPT BELOW	S
REK-648	81	4x1x5/8	STRT CUP		60	ALL EXCEPT BELOW	S
REK-178	178	8x1-1/4x1-3/4	OFFSET	G.P.	60	682	V
REK-181	181	7x1-1/4x1-3/4	STRT. CUP		54	682	S
REK-186	184 or 186	6x1-1/8x3/4	OFFSET	G.P.	80	685L	V
REK-189	189	5x1-1/4x3/4	STRT. CUP		60	685L	S

\* REFERS TO USE OF WHEEL: **S** INDICATES STEM GRINDING... **V** INDICATES VALVE FACE GRINDING

# Valve Refacer Wheels (Cont.)

No.	Mfg. No.	Size	Shape	Grade	Grit	Model No.	*
<b>WINONA/ VAN NORMAN</b>							
REK-84	14384	10x1-3/4x3	RECESSED		60	500	S
REK-85	14533	10x1-3/4x3	OFFSET	G.P.	60	500	V
REK-923	802003 (R)	12x5/8x3	STRAIGHT	STELLITE	80	CRW,VR-1000	V
REK-924	804781	8x2x2	STRAIGHT		46	VR-1000	S
REK-925	24078	12x5/8x3	STRAIGHT	G.P.	60	CRW,VR-1000	V
REK-926	24079	10x1-1/4x3	RECESSED		54	CRW	S
REK-927	802373	7-7/8x2x3	PLATE	MTD.	24	VR-1000	S
REK-928	-	7x1-3/8x5/8	OFFSET	G.P.	100	VRW	V
REK-929	-	7x1-3/8x5/8	OFFSET	TITANIUM	100	VRW	V
REK-930	-	6x13/8x5/8	STRAIGHT	Cup	46	VRW	S
REK-770	75399	5x3/4x5/8	DISH	G.P.	80	E,Y,YW,X,XA	V
REK-647	40352	4x1x5/8	STRAIGHT	Cup	54	E,Y,YW,X,XA	S
<b>IDL</b>							
REK-8230	8230 White	8x1-1/4x1-1/2	Flare Cup	G.P.& Stel	80	All Models	V
REK-8231	-	8x1-1/4x1-1/2	Flare	Cup	54	All Models	S
REK-8232	8230Gray	8x1-1/4x1-1/2	Flare Cup	G.P.	80	All Models	V
REK-8233		8x1-1/4x1-1/2	Flare Cup	Titanium	100	All Models	V
<b>SNAP ON &amp; SKIL</b>							
REK-770	7556/VW80	5x3/4x5/8	Dish	G.P.	80	All	V
REK-771	VW80S	5x3/4x5/8	Dish	Stellite	100	All	V
REK-647	75571VR2M8 <sub>g</sub>	4x1x5/8	Straight	Cup	54	AllExceptSkil-491	S
REK-646	72957	4x1x5/8	Plate Mntd.		54	Skil-491	S
<b>SUNNEN, TOBIN ARP, S&amp;D</b>							
REK-880	ST-BEV-1	6x1-3/8x3/4	Flare Cup	G.P.	70	VR-6500	V
REK-881	S-F-2	5x1-3/8x3/4	Recessed		60	VR-6500	S
REK-880R	Red	6x1-3/8x3/4	Flare Cup	Stellite	60	VR-6500	V
<b>K.O. LEE</b>							
REK-770	OV5GH60	5x3/4x5/8	Dish	G.P.	80	All Models	V
REK-771	OV5GH80S	5x3/4x5/8	Dish	Stellite	100	All Models	V
REK-647	RV4KH60	4x1x5/8	Recessed		54	K-500C&K-403C	S
REK-646	RV4GQKMB	4x1x5/8	Plate Mtd.		54	All Except K-500C&K-403C	S
<b>HALL</b>							
REK-719	13-15247	4-1/2x1x5/8	OFFSET	G.P.	80	806	V

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