



431. S. Raymond aver 102  
 Alhambra, Ca. 91803  
 626) 281-5326 phone  
 626) 281-5306 fax  
 www.jgenginedynamics.com

Description	racers	notes
<b>Dual valve spring and Titanium retainer kits. Will work with most cams. For more info go to www.JGENGINEDYNAMICS.COM</b>		
B16A,B17A,B18C,B18C Includes spring seats	\$ 324.00	max lift 600" / max rpm 11000
H22A	\$ 324.00	max lift 650" / max rpm 11000
B18A, B18B	\$ 324.00	max lift 550" / max rpm 10000
D16A1, ZC includes spring seats	\$ 324.00	max lift 550" / max rpm 10000
H23 includes spring seats	\$ 324.00	max lift 550" / max rpm 10000
K20 (K series) includes spring base	\$ 345.00	max lift 650" / max rpm 11000
<b>Single valve spring and Titanium retainer kits.</b>		
D16A6, D15	\$ 216.00	max lift 550" / max rpm 8500
D16Z6, D16Y7, D16Y8	\$ 252.00	max lift 575" / max rpm 9800
Accord F22 F23	\$ 216.00	max lift 550" / max rpm 8500
<b>Engine valves. We use and sell and use only quality valves from Si, Manley, Rev &amp; JGE</b>		
<b>Specify if std size, oversize, polished stainless, black nitride, flat face, dish face or or recommendation</b>		
<b>For more information take a look in our valve section of our products section in our web site.</b>		
<b>Qty discounts are available.....</b>		
<b>Valves are available individually</b>		
B16A,B17A,B18C,B18C-5	\$ 208.00	8 intake and 8 exhaust
B18A, B18B	\$ 208.00	8 intake and 8 exhaust
D16A1, ZC	\$ 208.00	8 intake and 8 exhaust
D15, D16A6	\$ 208.00	8 intake and 8 exhaust
D16Z6, D16Y7, D16Y8	\$ 208.00	8 intake and 8 exhaust
H22A	\$ 208.00	8 intake and 8 exhaust
H23	\$ 208.00	8 intake and 8 exhaust
Accord F22 F23	\$ 208.00	8 intake and 8 exhaust
<b>Valve guides / Bronze</b>		
	racers	
B16A,B17A,B18C,B18C-5	\$ 76.00	8 intake and 8 exhaust
B18A, B18B	\$ 76.00	8 intake and 8 exhaust
D16A1, ZC	\$ 76.00	8 intake and 8 exhaust
D15, D16A6	\$ 76.00	8 intake and 8 exhaust
D16Z6, D16Y7, D16Y8	\$ 76.00	8 intake and 8 exhaust
H22A	\$ 76.00	8 intake and 8 exhaust
H23	\$ 76.00	8 intake and 8 exhaust
Accord F22 F23	\$ 76.00	8 intake and 8 exhaust
<b>Valve seals</b>		
B16A,B17A,B18C,B18C-5	\$ 24.00	8 intake and 8 exhaust
B18A, B18B	\$ 24.00	8 intake and 8 exhaust
D16A1, ZC	\$ 24.00	8 intake and 8 exhaust
D15, D16A6	\$ 24.00	8 intake and 8 exhaust
D16Z6, D16Y7, D16Y8	\$ 24.00	8 intake and 8 exhaust
H22A	\$ 24.00	8 intake and 8 exhaust
H23	\$ 24.00	8 intake and 8 exhaust
Accord F22 F23	\$ 24.00	8 intake and 8 exhaust
<b>JGE cam gears are made from billet T6061 with hard anodized teeth and colored anodized centers.</b>		
B16A,B17A,B18C,B18C-5	\$ 80.00	Gold, Red, Blue, Black, Polished
B18A, B18B	\$ 80.00	Gold, Red, Blue, Black, Polished
ZC	\$ 80.00	Gold, Red, Blue, Black, Polished
D15, D16A6	\$ 80.00	Gold, Red, Blue, Black, Polished
D16Z6, D16Y7, D16Y8	\$ 80.00	Gold, Red, Blue, Black, Polished
H22A	\$ 80.00	Gold, Red, Blue, Black, Polished
H23	\$ 80.00	Gold, Red, Blue, Black, Polished



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**Intake manifolds . These custom made intakes are made using the stock runners.**  
**The reason we use the stock runners is simply because they make the most power. We do have and can make complete sheet metal intakes, but they do not perform the same.**  
**If the intake manifold will be used in a street car, let us know when ordering so we can add all the bungs and mounting holes for the stock sensors. These are not smog legal.**

	racer		core charge
B16A,B17A,B18C,B18C-5	\$ 500.00	\$	75.00
B18A, B18B	\$ 500.00	\$	75.00
ZC	\$ 500.00	\$	75.00
D15, D16A6	\$ 500.00	\$	75.00
D16Z6, D16Y7, D16Y8	\$ 500.00	\$	75.00
H22A / For Civic or CRX only.	\$ 500.00	\$	100.00
H23 / For Civic or CRX only	\$ 500.00	\$	100.00
F22A, F23	\$ 500.00	\$	100.00

**Stock Intake manifolds.**  
**Runners ported through and throttle mount enlarged to accommodate oversize throttle bodies**

			core charge
B16A,B17A,B18C-5	\$ 135.00	\$	75.00
B18C	\$ 180.00	\$	100.00
B18A, B18B	\$ 135.00	\$	75.00
ZC	\$ 135.00	\$	75.00
D15, D16A6	\$ 135.00	\$	75.00
D16Z6, D16Y7, D16Y8	\$ 135.00	\$	75.00
H22A	\$ 180.00	\$	100.00
H23	\$ 180.00	\$	100.00
F22A, F23	\$ 180.00	\$	100.00

**Throttle bodies**  
**These are oem throttle bodies that have been rebuilt and modified by boring them to their max safe limit. When sent to us with their tps sensors we will set it back to the spec in which it came.**  
**These throttle bodies are not smog legal once modified.**

B16A early B17 max bore 62mm	\$ 135.00	Need to send us core.
B16A late max bore 64mm	\$ 135.00	Need to send us core.
B18C max bore 64mm	\$ 135.00	Need to send us core.
B18A max bore 62mm	\$ 135.00	Need to send us core.
B18B max bore 64mm	\$ 135.00	Need to send us core.
ZC max bore 59mm	\$ 135.00	Need to send us core.
D15, D16A6 max bore 59mm	\$ 135.00	Need to send us core.
D16Z6,D16Y7,D16Y8 max bore 59mm	\$ 135.00	Need to send us core.
H22A early max bore 64mm	\$ 135.00	Need to send us core.
H22A late max bore 62mm	\$ 135.00	Need to send us core.
H23 max bore 64mm	\$ 135.00	Need to send us core.
F22A, F23 max bore 58mm	\$ 135.00	Need to send us core.
Custom throttle bodies. Call first	\$ 235.00	Need to send us core.



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<b>Scat crankshafts</b>		
All B series 89, 92, 95, 97, 98mm strokes	\$ 799.00	33lbs
All B series 89, 92, 95, 97, 98mm strokes	\$ 999.00	29lbs
<b>Scat connecting rods</b>		
B SERIES, H SERIES, D SERIES, K SERIES	\$ 325.00	
<b>JGE Ultralight I beam rods</b>		
	\$ 450.00	
<b>JGE H Beam turbo rods</b>		
	\$ 450.00	
<b>CP Pistons / pins / rings</b>		
Shelf pistons	\$ 500.00	
Shelf x style pistons	\$ 540.00	
Custom pistons	\$ 675.00	
<b>Camshafts</b>		
JGED DOHC V TEC / B SERIES	\$ 650.00	no core required / new billets
JGED SOHC V TEC	\$ 260.00	core required
JGED SOHC NON V TEC	\$ 220.00	core required
JGED DOHC NON V TEC	\$ 250.00	core required

<b>Cylinder head modifications. These prices are most Honda and Acura 4 valve.</b>		
<b>These prices do include the disassembly or assembly. Does not include cleaning.</b>		
	<b>racer</b>	
Port work only full race	\$ 540.00	labor only
Port work only street strip	\$ 360.00	labor only
Port work, bowl only	\$ 270.00	labor only
Install valve guides	\$ 4.50	labor only
install valve seats	\$ 9.00	labor only
disassembly	\$ 90.00	labor only
assembly	\$ 90.00	labor only
disassembly and assembly	\$ 135.00	labor only
Complete basic valve job/stones	\$ 180.00	includes valve stem seals
Complete comp valve job/sunnen	\$ 315.00	includes valve stem seals
Modify for LS V tec	\$ 90.00	labor only
Machine chambers for large bores	\$ 135.00	labor only
Resurface min amount	\$ 45.00	labor only
Mill head up to .040	\$ 90.00	labor only
Mill head up to .080	\$ 135.00	labor only
Chamber welding to increase comp.	\$ 180.00	labor only
Repair broken studs	\$ 18.00	labor only
Flow bench testing. Per hour	\$ 75.00	labor only



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**Cylinder heads**  
**Street strip** heads include pocket porting, comp valve job, resurface, new valve stem seals, cleaned and assembled.  
**Redline Series** heads come equipped with swirl polished stock valves, Ti retainers, comp valve springs, comp valve job, full port and polish.  
**Pro Series** heads come equipped with stainless steel valves, Ti retainers, comp valve springs, comp valve job, full port, polish and flow tested.  
 Note: **Pro Series** and **Redline Series** heads use the same port and polish unless oversize valves are used in the **Pro Series** heads.  
 Note: The heads are designed for max performance depending on your application. For more info go to our web site.

Cylinder heads	racer		core charge when available
<b>Honda Accord F22 and F23</b>			
Pro series	\$ 1,017.00	\$	300.00
Redline series	\$ 873.00	\$	300.00
Street strip	\$ 630.00	\$	300.00
<b>Honda Civic D15, D16A6</b>			
Pro series	\$ 1,017.00	\$	100.00
Redline series	\$ 873.00	\$	100.00
Street strip	\$ 630.00	\$	100.00
<b>Honda Civic Si,EX D16Z6 v tec</b>			
Pro series	\$ 1,017.00	\$	300.00
Redline series	\$ 873.00	\$	300.00
Street strip	\$ 630.00	\$	300.00
<b>Honda Civic D16Y7, D16Y8 v-tec</b>			
Pro series	\$ 1,017.00	\$	300.00
Redline series	\$ 873.00	\$	300.00
Street strip	\$ 630.00	\$	300.00
<b>Honda Civic Si 99-2003 B16A</b>			
Pro series gen2	\$ 1,600.00	\$	500.00
Pro series	\$ 1,400.00	\$	500.00
Redline series	\$ 1,050.00	\$	500.00
Street strip	\$ 700.00	\$	500.00
<b>Honda Prelude H22 v tec</b>	racer		
Pro series	\$ 1,400.00	\$	600.00
Redline series	\$ 1,050.00	\$	600.00
Street strip	\$ 700.00	\$	600.00
<b>Honda Prelude H23 non v etc</b>			
Pro series	\$ 1,053.00	\$	300.00
Redline series	\$ 895.50	\$	300.00
Street strip	\$ 675.00	\$	300.00
<b>Acura Integra B18A, B18B</b>			
Pro series	\$ 1,161.00	\$	200.00
Redline series	\$ 895.50	\$	200.00
Street strip	\$ 675.00	\$	200.00
<b>Acura Integra GSR B18C</b>			
Pro series gen2	\$ 1,600.00	\$	500.00
Pro series	\$ 1,400.00	\$	500.00
Redline series	\$ 1,050.00	\$	500.00
Street strip	\$ 700.00	\$	500.00
<b>Acura Integra B18C-5</b>			
Pro series gen2	\$ 1,600.00	\$	600.00
Pro series	\$ 1,400.00	\$	600.00
Redline series	\$ 1,050.00	\$	600.00
Street strip	\$ 700.00	\$	600.00
<b>K20A2</b>			
Pro series gen2	\$ 1,600.00		
Pro series	\$ 1,400.00		
Redline series	\$ 1,050.00		
Street strip	\$ 700.00		



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Duration is measured @.015 lift.				
Make/model/engine type	Part number	lift in/ex		core charge
Honda Civic si / crx	1001	402/392	\$	120.00
88-91 D16A6	4040x	402/402	\$	120.00
	301x	410/402	\$	120.00
	5045	420/410	\$	120.00
Honda Civic DX	4000	402/335	\$	120.00
88-91 D15	3030	385/385	\$	120.00
Honda Civic si / ex	85VT35	310/410/393	\$	140.00
92-95 D16Z6 v tec	85VT80	310/410/418	\$	140.00
Honda Civic DX	230165	385/276	\$	140.00
92-95 D15	230185	385/310	\$	140.00
Honda Civic SI	85VT35	310/410/393	\$	140.00
96-2002 D16Y8 v tec	85VT80	310/410/418	\$	140.00
Honda Civic DX	230185	385/310	\$	120.00
96-2001 D16Y7	240200	402/335	\$	120.00
Honda Accord non v tec	230200	385/335	\$	120.00
90-93 F22	240200	402/390	\$	120.00
94-2003 F23	1001	402/402	\$	120.00
non v tec	250250	420/420	\$	120.00
Acura Integra DOHC	230215	391/366	\$	160.00
86-89 D16A1 1600cc	240240	408/408	\$	160.00
Honda JDM ZC	1001	410/390	\$	160.00
	301	417/408	\$	160.00
Acura Integra Ls,Rs	3030	385/385	\$	160.00
90-2001 B18A/B	1001	410/410	\$	160.00
non v tec	301	417/408	\$	160.00
	303	417/417	\$	160.00
	6050	442/425	\$	160.00
Honda Prelude H23	1001	410/410	\$	160.00
92-00 non v tec	3001	417/410	\$	160.00
	303	417/417	\$	160.00
Honda/Acura	296/300VT	460/430		No core required. These are billets
B16A,B17,B18C,B18C-5	308/316B	490/475		No core required. These are billets
V TEC CAMS	324/328			No core required. These are billets



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Bare blocks and components	racer	note
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<b>Block Guards. Made in house from T6061 billet. Will add strength to stock blocks. Great for boost.</b>		
D series SOHC block guards	\$ 100.00	
B series DOHC block guards	\$ 100.00	
Note: We do not have any for the ZC or B20		

<b>D series MAGILLA sleeves Can accommodate up to a 79mm bore.</b>		
	\$ 390.00	kit price
<b>B series MAGILLA sleeves. Can accommodate up to a 86.5mm bore. Have boosted 55 psi on an 84mm bore</b>		
	\$ 390.00	kit price
<b>B series straight sleeves. Can accommodate up to a 86.5mm bore.</b>		
	\$ 260.00	kit price
<b>H series straight ductile sleeves. Can accommodate up to a 90mm bore. Non flange. Easy install</b>		
	\$ 260.00	kit price
<b>H series Magilla sleeves. Can handle 55 psi of boost</b>		
	\$ 460.00	kit price
<b>K series Magilla sleeves. Can be bored to 90mm. On 86 or 87mm bore can handle 55 psi</b>		
	\$ 460.00	kit price
<b>K series straight sleeves. Can be bored to 90mm.</b>		
	\$ 260.00	kit price

<b>Resleeve, D series Sohc including hot tank, resurface and the MAGILLA sleeves installed.....Does not include bore and hone.</b>		
	\$ 792.00	
<b>Resleeve, B series Dohc including hot tank, resurface and the MAGILLA sleeves installed.....Does not include bore and hone.</b>		
	\$ 792.00	
<b>Resleeve, B series Dohc including hot tank, resurface and the STRAIGHT sleeves installed.....Does not include bore and hone.</b>		
	\$ 720.00	
<b>Resleeve, H series Dohc including hot tank, resurface and the STRAIGHT sleeves installed.....Does not include bore and hone.</b>		
	\$ 720.00	
<b>Resleeve, H series Dohc including hot tank, resurface and the MAGILLA sleeves installed.....Does not include bore and hone.</b>		
	\$ 907.00	
<b>Resleeve, K series Dohc including hot tank, resurface and the STRAIGHT sleeves installed.....Does not include bore and hone.</b>		
	\$ 720.00	
<b>Resleeve, K series Dohc including hot tank, resurface and the MAGILLA sleeves installed.....Does not include bore and hone.</b>		
	\$ 907.00	
<b>CNC Bore and power hone</b>		
	\$ 150.00	

<b>Misc machine service.</b>		
Hot tank and clean blocks only.	\$ 50.00	need to send us core
Notch blocks for rods	\$ 70.00	need to send us core
deck/resurface blocks	\$ 100.00	need to send us core
Step deck/resurface block	\$ 140.00	need to send us core
Powerhone cylinder bores	\$ 115.00	need to send us core
Bore and hone cylinder bores	\$ 200.00	need to send us core
Micropolish crankshafts	\$ 100.00	need to send us core
Complete balance	\$ 200.00	need to send us core