

****NEW PRICING FROM JULY 01, 2007****

R.C. ENGINEERING, INC. (310) 320-2277 - FAX (310) 782-1346 - E-MAIL RC@RCENG.COM

For additional technical information, please visit our web site at www.rceng.com

This is a partial listing of available injector sizes – Please call for information on particular applications or any unique requirements that you may have. We can provide injectors in any format, for any type of mounting or fuel rail configuration, Hose end, large “O” ring (American /Euro.) fuel rail, Sm. “O” ring (Japanese) fuel rail and a variety of custom sizes for use with Additional Injector Controller units.

Injectors are classified in two basic types, Peak and Hold (low resistance – 2.5/3 Ohms) and Saturated (high resistance – 12/16 Ohms). Injector type must be matched to your specific computer, injector driver type. If you don't know which type is correct for your application, give us a call and we will assist you in making the proper selection. **DO NOT MIX DIFFERENT INJECTOR / COMPUTER DRIVER TYPES.**

In order to select the correct size injector for your UP-GRADE / RACING application, you may wish to use the following formula. In most cases, a naturally aspirated engine will have a Brake Specific Fuel Consumption of .50. This means that the engine will use .50 Lbs. of fuel/Hr for each Horsepower that it produces. Turbo charged engines would want to be at .60 Lbs./Hr. or higher. Using these numbers, **as a guideline**, you can select the approximate injector size in the following formula for a 4 cyl. N/A Engine @ 200 BHP. (Most injectors will max. out at 80% Duty Cycle and this is the accepted Industry standard.) **Change Horsepower, B.S.F.C., Duty Cycle and number of injectors as required for your application.**

Divide required Horsepower by number of injectors used --- (200 HP / 4 INJ.) = 50 HP PER. INJ.
(50HP X .50 B.S.F.C.) = 25 Lbs/Hr – (25 Lbs/Hr / .80% Duty) = 31.25 Lbs/Hr Static flow rate.
31.25 Lbs/Hr X 10.50 = **328 cc/Min. Static flow rate required.**

Because different computer injector drivers respond at different rates, and injectors have different response times, all flow rates are static - (wide open) at 43.5 P.S.I.G. This Standard Test allows us to accurately compare injectors of different types and flow rates, regardless of computer type or OEM pressure used.

PEAK AND HOLD INJECTORS		RETAIL PRICE LIST	SATURATED INJECTORS	
Low Resistance – Approx. 2.5/3 OHMS			High Resistance – Approx. 12/16 OHMS	
155cc/min	78.75		195cc/min	78.75
195cc/min.	78.75		205cc/min.	78.75
225cc/min.	78.75		225cc/min.	78.75
250cc/min.	78.75		240cc/min.	78.75
270cc/min.	78.75		270cc/min.	78.75
320cc/min.	88.75		310cc/min.	88.75
370cc/min.	88.75		370cc/min.	88.75
550cc/min.	98.75		440cc/min.	88.75
660cc/min	98.75		550cc/min	98.75
750cc/min	98.75		650cc/min	98.75
1000cc/min	98.75		750cc/min	98.75
*1200cc/min @ 55 psi	98.75			
1600cc/min	148.00			

* All RC injectors are rated at 43.5 psi @ 3 bar, except this Peak & Hold 1200cc/min injector.

Most Gally or Side feed injectors can be modified up to rates of -100% Plus - for \$175.00 each.

INJECTOR CLEANING AND BALANCING

Fuel injectors cleaned and balanced in 24 Hrs. Returned with a completely detailed computerized report. Before & after report shows cyl./cyl. balance , and total System HP Potential at different B.S.F.C. New filters, “O” rings and pintle caps are included.

Standard rail feed injectors (“O” ring top)	24.00
Hose feed injectors	26.50

FUEL PUMP TEST

Fuel Pump Test – At Any Voltage. 60.00
 Standard-35 PSI to Pump Limit –13.8 volts
 -Additional Tests - \$40.00 each

BIG BORE THROTTLE BODIES

BMW – SINGLE P	ALL	269.00
FORD P/U & SUV SINGLE PORT	ALL	249.00
HONDA / ACURA - ALL MODELS	1989/1999	225.00
INFINITY	ALL	289.00
JEEP SUV	ALL	269.00
LEXUS	ALL	335.00
MAZDA RX-7 3 PORT	ALL	495.00
MAZDA MIATA	ALL	249.00
MAZDA 326 / 626	ALL	249.00
MITSUBISHI STARION	ALL	249.00
MITSUBISHI 3000-GT	ALL	249.00
MITSUBISHI ECLIPSE	ALL	249.00
NISSAN		249.00
PORSCHE	MOST MODELS	269.00 CALL
TOYOTA P/U - 4 Cylinder	1988/1999	249.00
TOYOTA P/U - V/6	ALL	269.00
TOYOTA MR-2	ALL	249.00
TOYOTA SUPRA – N/A	ALL	249.00
TOYOTA SUPRA – TURBO	ALL	269.00
TOYOTA SUPRA / TWIN TURBO	ALL	335.00
NISSAN 300-ZX	ALL	249.00
NISSAN 300-ZX TWIN TURBO	ALL	225.00 EACH
VIPER	ALL	225.00 EACH

~CALL FOR PRICE AND AVAILABILITY ON YOUR CAR, IF NOT LISTED.~

FUEL PRESSURE REGULATORS

MALPASSI – TWIN PORT- TWIN DIAPHRAGM 30 TO 125 PSI 149.95

FUEL PUMPS AND FILTERS

AIRTEC RACING FUEL PUMP / 550 HP RATING 229.00
 3/8 INLET - 5/16 OUTLET - 275 Lbs/Hr @ 40 PSI

PAXTON 10 MICRON – (REPLACEABLE ELEMENT) FILTER ASSY. 129.50
 - 10 INLET & OUTLET 1100 HP RATING

AIR / FUEL RATIO METER

R.C. ENG. FAST RESPONSE AIR / FUEL RATIO METER 199.00
 10 LED READOUT W/AUX. WARNING /EVENT LAMP

BLANK FUEL RAIL MATERIAL

FUEL RAIL MATERIAL 1.60 / INCH

INJECTOR WIRE CLIPS

IWC – INJECTOR WIRE CLIPS THAT REQUIRE CUTTING & SPLICING 9.95 EACH
 HCC – HONDA CONNECTOR CLIPS (PLUG & PLAY) 17.25EACH
 DCC – NIPPON DENSO CONNECTOR CLIPS (PLUG & PLAY) 17.25EACH