

Mon-Sat 9am- 9pm
Sun 9am- 5pm

QUIXOTE RACING
10807 Broken Wheel
Lakeside, Ca 92040

(619) 561- 7774
please leave message w/number

Dietmar@QuixoteRacing.com
www.QuixoteRacing.com

effective 1-1-2017

All items normally in stock . Prices subject to change. Some FST items also available. Call for availability.
ENGINE RELATED PARTS AND SERVICES

BALANCE: crankshaft, flywheel, pressure plate . 70
(balanced individually, then as a unit)
- Pistons..... 30
-Rods.....See RODS
BEARINGS: main ...German/Other65
-rod..... 18
-cam.....18
-cam bearings- oversize..... 24
CAMSHAFT: FV legal w/core..... 145 (30 core)
-gear- three rivet/adjustable..... 30/37
-plug- rubber/steel.....4
CASE: universal(very unstable pricing.)..... 850
- line bore..... 70
- surface (with head studs/without studs). 50/30
CLUTCH DISC (SACHS)..... 53.00
COIL: Bosch, blue, 12V..... 46.00
CONDENSER -009..... 8.95
CRANKSHAFT: stock- rough..... 90
-turned, ready for assembly..... 200
- balanced.....add 60
-gear-steel, used..... 15
CYLINDER HEAD: rebuilding: see... **HEAD WORK**
8mm stud set..... 44
stud 8mm/ 10mm..... 2.95/ 1.95
tin- pair..... 30
deflector (under head)...ea..... 8
"O" ring for centering cylinders..... 1.90
Dipstick..... 2
Distributor 009 clone, not Chinese..... 48
-Bosch- available new and used.....call
-cap.....10.45
-clamp..... 5.95
-drive- used..... 15 (new 35)
-gear -brass, used..... 25 (new 38)
FAN- 16 blade..... 45
-shroud, used..... 40
FLYWHEEL: lightened (call for availability)..... 150
balancedadd 40
shim (specify size)..... 2.00
dowel pin..... 0.50
seal-red silicone..(Elring)..... 3.50
FUEL PUMP styles vary..... 26.00
flange..... 5.00
rod..... 1.80
GASKET - set (German/Brazil)..... 16.50/12.75
Intake-teflon..... 2.00
-reusable copper..... 2.00
-stock VW..... 1.00

GASKETS-continued

- exhaust..2 types..... 0.75/1.50
-oil sump-gaskets and washers 1.10
-oil cooler- stepped green (pair).... 3.00
- individual gaskets..... ..call

GENERATOR- 6V /12 V..... ..call
-guttred with exchange (core 30).... . 90
-stand 6V / 12 V..... 10

LIFTERS VW, refaced, lightened, balanced .. 48
-exchange (VW)..... 32
-lighten, balance YOUR set..... 32

OFFSET KEY- any offset, specify..... 8

OIL -cap (used)..... 3
-gasket..... 1.50
-synthetic see AMS/OIL SYNTHETICS

OIL FILLER - stock..... 10
- type 3/complete..... 15/25
-nut..... 3

OIL COOLER-styles vary.....55-99
-block off plate..... 21

OIL PUMP-styles vary..... 30
-stock pump cover.....8.95
-full flow pump cover..... 21

OIL SUMP- 180-250CC styles vary..... 35
-screen -stock/modified.. 8.95/10.95
-cover plate (stock)..... 9.95
-gasket set (with three gaskets)... 1.30

PISTON/CYLINDER SET.....Call
honed for FV..... add 60
Piston w/stock rings.....45

PISTON RINGS:

dykes style..(ea).....28.50
spacer.....6.50
stock oil and 2nd ring sets..... 24
any 4 stock rings..... 16
complete stock set..... 24
-modified 2nd when available(4).....30

POINTS - striped (092) for 009..... 8.80
stock (044) for 009..... 3.50
for 010- 2 piece..... 12.00

PRESSURE PLATE- 3 finger..... 65
diaphragm style..... 65

PULLEY: aluminum, 6 inch..... 27
- turned down..... 35
- stock VW -used (2 sizes).... 10
- aluminum with sand seal..... 47
-seal and holder only..... 15
-seal only..... 9
-bolt (lightened) 6

PUSHROD: 15-1600 stock (used)..... 3.50

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-valve cover (German).....	0.75	-shortened (specify length)..	6.00
PUSHROD TUBE: stock.....	2.90	STARTER: 6V/12V.....	call
-extension (oil control)..	1.50	VALVE : adjusting screw German.....	2.79
-seal.....	0.35	- cover.. (used VW).....	10.00
-emergency tube.....	11.00	- cover bail.....	4.00
ROCKERS: set, lightened, balanced.....	48.00	- guide, shortened or stock.	5.00
Lighten, balance YOUR set.....	40.00	VALVES: intake-refaced VW	8.50
Stock 1.1:1 ratio.....	5.00	-new German intake.....	12
Shaft, stand, clips.....	cheap	-exhaust TRW/ATE/VW	15
Shims-.015, .030,.060.....	0.35	VALVE SPRINGS: Web.....	45.00
RODS: lightened, balanced, rebuilt.....	320	-retainer (VW style).....	1.50
Lighten YOUR STOCK rods.....	280	-chrome moly (set).....	24.00
Resize, rebush, align rod set.....	80	-shims .015, .030, .060.....	0.35
Bushings.....	2.50	-pressure relief valve kit.....	5.00
Bolts- ARP set.....	68		
-aftermarket.....	6		
ROTOR: 009.....	7.95		
SPARK PLUG: -NGK B7HS.....	2.20		
SPARK PLUG WIRE SET (German): ..	19.95		
	not Bosch)		

CARBURETOR- manifold

Flow carb, check and/adjust throttle stop.....	30.00
Modify your carb to current specs, flow test and report.....	120.00 (plus parts)
complete carb-SCCA legal.....	300.00
stock float./ brass float.....	7.00/ 45.00
modified float -plastic, weighted.....	12.00
modified venturi.....	20.00
Manifolds- flow tested, starting @	400.00
Flow test manifold and report.....	20.00
barrel nut for stock cable.....	2.00
carb gaskets top/bottom.....	2.00

Rebush throttle bore.....	40.00
carb rebuild kit.....	22.00
emulsion tube holder.....	40.00
pump diaphragm.....	10.50
carb gasket top/bottom.....	2.00
main jet-specify size.....	5.95
carb top/body/related parts.....	call
carb top plug(s).....	ea 1.00
air jet-tapered- specify size.....	6.95
throttle cable-stock.....	5.00
Teflon intake gasket.....	2.00
Copper int. gasket-reusable....	2.00
throttle bore bushings.....	2.00

D-13 Specific:

Rebound strut. (droop limiter).....	60.00
Engine .nose mount. -specify if Universal case.	20.00
Cross link.....see tie rods in FRT SUSPENSION	
Rod ends.....see rod ends in FRT SUSPENSION	
Rebush upright.....	40.00/60 pair (plus parts)
1/2 " female rod end for droop limiters.....	14.90

trans mount: pair.....	55.00
trailing arm- rt or lt.....	140.00
cellasto.(see discs below).....	22.00
upright bushing.....	5.00
steering damper.....	28.00
droop limiter disc(s).....	ea. 2.00

AMS/OIL SYNTHETICS

10/40 or 20/50 engine oil (with zinc).....	40.00 /gal delivered
Racing oil.....	call
Other viscosities available	
Prices subject to change-very unstable. Delivered price might vary due to local tax.	

75/90 or 80/90 gear lube....	12.95/qt
synthetic grease.....	call
break in oil (new product)...	call

MISCELLANEOUS:

Quick lift jack-raises one wheel.....	25.00	trammel bar.....	25.00
Valve lift checking tool with 1" dial indicator.	45.00	pressure gauge w/fill valve for shocks.	75.00

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FRONT SUSPENSION- parts and services

Beam, used.....	190.00 (150 -you clean)	torsion arm-upper.....	30.00
Tie rod: specify length and thread		-lower.....	35.00
6061 T6 3/4 aluminum.....	10.00 ea plus material @ 3.50/ft	torsion spring set-used/new.....	45/65
rod ends- Aurora 5/16 or 3/8.....	10.95 (Teflon lined)	sway bar- (3/4).....	60.00
7/16.....	13.50 (Teflon lined)	spacers (sway bar) pair aluminum.....	35.00
1/2.....	15.08 (Teflon lined)	quick steer adapter.....	19.00
1/2 female.....	14.90.		
Any 4 or more rod ends-any size- deduct 10%		wheel bearing grease seal-Elring.....	2.75
jamb nuts for above.....	0.45- 0.95	upper-lower beam grease seals-pair.....	5.00
steering box- TRW.....	115.00	front wheel cylinder (TRW/Germ.)	14.50/17.50
king pin kit- German only.....	34.00	brake shoes- straight/angled.....	28/33
link pin kit. -German.....	67.00 (54.00 Brazilian)	backing plate-used/clean.	40/45
spindle and carrier-rebuilt.....	100.00 complete (with core)	brake drum... (Italian).....	59.00
without core.....	150.00	pitman arm.....	35.00
offset bushings.....	90.00 (4)	brake shoe adjuster- angled.....	2.95
installation and clearancing	60.00 (4)	- straight.....	3.75
spindle only- clean and dye checked...	59.00	front wheel lock plate.....	0.75
carrier only.....	30.00	wheel nut-lt, rt. (VW).....	1.50
rebuild your spindle/carrier.....	50.00 plus parts/80.00 a pair	spindle (grease seal) spacer.....	9.50
dye check spindle.....	10.00 (\$15 per pair)	thrust washer.....	1.50
grub screw wo/w nut (torsion arm)..	2.75/4.50	pinch bolt	1.95
dust cap-used VW.....	10	related front end parts.....	call
-aftermarket.....	5.95	lug nut.....	2.95
wheel bearing FAG (roller)		Wilwood master cyl...5/8 or 3/4..	55.00
inner.....	17.00	(buy 3 of any size-deduct 10%)	
outer.....	14.00	aluminum spindle nut- pair...	15.00
steering damper.....	28.00	rims- new and used	CALL

Transmission and Rear Suspension:

axle tube w/without shock mount...	50.00/65.00	throwout bearing Sachs.....	30.00
rear axle.....	50.00	axle boot kit-German.....	9.80
axle bearing SKF or FAG (not Chinese)..	19.95	backing plate-used/clean.....	25/30
brake shoes-rear (straight/ angled).....	28/33	side gear-used.....	30.00
brake drum-Italian.....	59.00	nose cone gasket.....	1.90
fulcrum plate.....	7.00/12.00 pair	axle seal kit.....	4.95
gears: all numbers in stock.....	55.00	axle tube retainer gasket.....	1.10
transporter 3 rd . 1.22.....	140.00	trans gasket set.....	10.50
rear wheel cylinder...German or TRW ..	17.50/14.50	throwout bearing clips (ea).....	1.00
axle bearing retainer cover (either style).	15.00	inner axle spacer.....	8.00
CNC slave cylinder.....	67.00	outer axle brg spacer.....	13.00
Related transmission parts.....	call	nose cone bushing (early).....	10.95
Trans side cover.....	20.00	trans syncro.....	13.00
mainshaft seal.....	2.75	clutch cable-stock.....	5.95
starter bushing 6V or 12V.....	2.50	trans nose cone-used.....	20.00
axle nut w/o or with flange.....	6.95	daisy-used.....	5.00
VW rims- new and used.....	CALL	brake spring kit – front or rear.....	7.00

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SERVICES: Not limited to but including

Flow testing
Head rebuilding
Engine rebuilding
Trans rebuilding – as time permits
Between race services, alignment, suspension modifications
Frame repair-arc, gas, MIG welding
Crank grinding, balancing

ENGINE REBUILDING: labor 700.00 (less \$50 shipping credit)

includes check weight and minor balance, replace bearings; set deck height, check cam timing;
check and adjust spring seat pressure and valve lift, clean combustion chamber and
lap valves. Plus parts listed below.

Typical Parts (extra): main, rod, cam bearings, main seal, gasket set, recondition your rods, rod bushings, reface intake /
exhaust valves, points, NGK plugs..... 250.00

Additional parts and/ or additional labor extra

NEW ENGINE BUILDING: labor only..... 800.00 Total cost depends on the parts that are customer
supplied. In most cases, total engine packages run in the 3400-4500 range without carb and manifold.

Head Work:

Head(s) – bare 373\$100/ea.
Flow test your heads and report..... 50.00 /pair
1. Your heads- cut 3 angle valve seat, reface intake/exhaust valves, set spring seat pressure, lap valves... 180.00/pair
2. Your stock heads- port, surface and CC, replace valve guides, cut seats, new exhaust valves,
Web spring set, reface intakes, flow test and report (new seats extra)..... 800.00/pair
3. My heads plus all of the above.....(call for availability) 950.00/pair
4. Good used heads available- rebuilt and flow tested.....call
5. Valve seat(s) installed....(included seats)..... 45.00 each or 320.00 for 8
6. Cut valve seat- three angle..... 15.00 ea/ 96 for eight
7. Spark plug insert-installed..... 10.00-1st oversize (plus insert)
20.00-2nd oversize(plus insert)
8. Flycut head..... 30.00/(50.00pair)
9. Head welding.....call
10.Helicoil- 6 or 8 mm installed..... 10.00 (remove broken stud add \$10)
11. Install shortened valve guide(s)..... 8.00 ea (includes guide)
12. Reface intake/exhaust valve(s)..... 3.50 ea.
13. Set Spring Seat Pressure..... 20.00 pair of heads includes shims

Shipping:

FedEx , Priority Mail, or UPS (more expensive) are the three choices depending on size.

Truck shipping engines- I can help arrange shipping at a good rate – call me. Average cost is \$200 or less one way cross
country - call for shipper info. (\$50 credit applied if engine is shipped)

\$45 crating charge if I build a crate- you get to keep the crate.

If you did not see something listed, I probably have it or can tell you where to get it.

Advice is ALWAYS free and just a phone call or e-mail away