

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 1-1-2020

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 ... 75
(balanced individually, then as a unit)
- Pistons..... 30
-Rods.....See RODS

BEARINGS: main65
-rod..... 18
-cam.....19
- oversize/double thrust..... 26

CAMSHAFT: FV legal w/core..... 145 (30 core)
-gear- three rivet/adjustable..... 30/37
-plug- rubber/steel.....4

CASE: universal(very unstable pricing.)..... 830
- line bore..... 80
- surface (with head studs/without studs). 50/40

CLUTCH DISC (Sachs)..... 61

COIL: Bosch, blue, 12V..... 51

CONDENSER -009..... 11.95

CRANKSHAFT: stock- rough..... 90
-turned, ready for assembly..... 200
- balanced.....add 70
-gear-steel, used..... 15

CYLINDER HEAD: rebuilding: see... **HEAD WORK**
8mm stud set..... 40

stud 8mm/ 10mm..... 2.95/ 1.95
tin- pair..... 40
deflector (under head)...ea..... 10
"O" ring for centering cylinders..... 1.90

Dipstick..... 2

Distributor 009

-Bosch- available new and used.....call
-cap..... 13
-clamp..... 6.95
-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)..... 4.00
dowel pin..... 0.50
seal-red silicone..(Elring)..... 4.50

FUEL PUMP styles vary..... 28
flange..... 6.95
rod..... 1.80

GASKET - set (German/Brazil)..... 18.00/13.75
Intake-teflon or copper (reusable)..... 2.00 ea
- stock VW 1.00
-valve cover 0.90

GASKETS-continued

- exhaust..2 types..... .. 1.40/1.80
-oil sump-gaskets and washers 1.10
-oil cooler- stepped/stock (pair)..... 4/1
- individual gaskets..... ..call

GENERATOR- 6V /12 V..... ..call
-guttered with exchange (core 30).... . 90
-stand 6V used / 12 V new..... 10/22

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..... 59-95
-block off plate..... 21

OIL PUMP-styles vary..... 30
-stock pump cover.....9.95
-full flow pump cover..... 24
-8mm pump sealing nut (ea.)... 2.79

OIL SUMP- 180-250CC styles vary..... 40
-screen -stock/modified.. 9.95/12.00
-cover plate (stock)..... 8.95
-gasket set (with three gaskets)... 1.30

PISTON/CYLINDER SET..... Call
honed for FV..... Call
Piston complete/bare.....60/45

PISTON RINGS:
dykes style..(ea).....28.50
spacer.....6.50
stock oil and 2nd ring sets..... 20
any 4 stock rings..... 16
complete stock set..... 24
-modified lower tension 2nd ring(4) ...40

POINTS - striped (092) for 009..... 8.80
stock (044) for 009..... 3.50
for 010- 2 piece..... 14

PRESSURE PLATE-3 fing(Brazil/Ger) 90/154
diaphragm style..... 75

PULLEY: aluminum, 6 inch..... 32
- turned down..... 40
- stock VW -used (2 sizes).... 10
- aluminum with sand seal..... 51
-seal and holder only..... 15
-seal only..... 9
-bolt (lightened) 6

PUSHROD: 15-1600 stock (used)..... 3.50
-shortened (specify length).. 6

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PUSHROD TUBE: stock..... 2.90	STARTER: 6V/12V.....call
-extension (oil control).. 1.50	VALVE : adjusting screw German..... 2.79
-seal..... 0.40	- cover.. (used VW)..... 10
-emergency tube..... 11	- cover bail..... 4
ROCKERS: set, lightened, balanced.....48.00 exchange/70 outright	- guide, shortened or stock..... 5
Lighten, balance YOUR set.....40	VALVES: intake-refaced VW 8.50
Stock 1.1:1 ratio..... 5	-new intake ATE/TRW..... 12/9
Shaft, stand, clips.....cheap	-exhaust 15
Shims-.015, .030,.060.....0.40	VALVE SPRINGS: Web..... 45
RODS: lightened, balanced, rebuilt..... 320 outright	-retainer (VW style)..... 1.50
Lighten YOUR STOCK rods..... 300 rebuilt	-chrome moly (set)..... 24
Resize, rebush, align rod set..... 80 (plus bushings)	-shims .015, .030, .060..... 0.40
Bushings.....2.50 (ea)	-pressure relief valve kit..... 7
Bolts- ARP set..... 69/aftermarket 6 ea	
ROTOR: 009..... 9.95	
SHIM: barrel to case (steel) .001-.010..... 2.00 ea	
SPARK PLUG: -NGK B7HS..... 2.20	
SPARK PLUG WIRE SET (German): .. 21.90 (not Bosch)	

CARBURETOR- manifold

Flow carb, check and/adjust throttle stop..... 30	pump diaphragm..... 10.50
Modify your carb to current specs,	intake gaskets – see GASKETS
flow test and report..... 145 (plus parts)	emulsion tube holder..... 40
complete carb-SCCA legal..... 325	main jet-specify size..... 6.95
stock float./ brass float..... 7.00/40.00	carb top/body/related parts.....call
modified float –plastic, weighted..... 12	carb top plug(s)..... 1 ea
modified venturi..... 20	air jet-tapered- specify size..... 7.95
Manifolds- flow tested, starting @ 450	throttle cable-stock..... 5
Flow test manifold and report..... 30	carb rebuild kit..... 23
barrel nut for stock cable..... 2	rebush throttle bore..... 40
carb gaskets top/bottom..... 2.50/2	time sert installed – 8mm..... 20
metal fuel line w/fitting for 28 pci 15.00	throttle bore bushings..... 2 ea

D-13 Specific:

Rebound strut. (droop limiter)..... 60	trans mount: pair..... 60
Engine .nose mount. -specify if Universal case... 20	trailing arm- rt or lt..... 160
Cross link.....see tie rods in FRT SUSPENSION	cellasto.(see discs below)..... 24
Rod ends.....see rod ends in FRT SUSPENSION	upright bushing..... 5
Rebush upright..... 40/60 pair (plus parts)	steering damper..... 28
1/2 “ female rod end for droop limiters..... 14.90	droop limiter disc(s).....ea. 2

AMS/OIL SYNTHETICS

10/40 or 20/50 engine oil (with zinc)..... 42 /gal	75/90 or 80/90 gear lube.... 14.95/qt
Racing oil.....call	synthetic grease.....call
Other viscosities available All oil sold at my cost	break in oil (new product)...call
Prices subject to change-very unstable. Delivered price might vary due to local tax.	

MISCELLANEOUS:

Quick lift jack-raises one wheel..... 25	trammel bar..... 35
Valve lift checking tool with 1” dial indicator..... 45	pressure gauge w/fill valve for shocks..... 75

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FRONT SUSPENSION- parts and services

Beam, used..... 190 (150 -you clean)
Tie rod: specify length and thread
 6061 T6 aluminum..... 10 ea plus material @ 4/ft
rod ends- Aurora 5/16 or 3/8..... 11.33 (Teflon lined)
 7/16..... 14.00 (Teflon lined)
 1/2..... 15.68 (Teflon lined)
 1/2 female.....15.50

ea

Any 4 or more rod ends-any size- deduct 10%
jamb nuts for above..... 0.45- 0.95
steering box- TRW..... 174
king pin kit- German only..... 34
link pin kit. -German..... 67 (54 Brazilian)
spindle and carrier-rebuilt..... 100 (with core)
 without core..... 165
offset bushings..... 90 (4)
 installation and clearancing 60 (4)
spindle only- clean and dye checked..... 59
carrier only..... 35
rebuild **your** spindle/carrier..... 50ea/80 pair - plus parts
dye check spindle..... 10 (\$15 per pair)
grub screw wo/w nut (torsion arm)..... 2.75/4.50
dust cap-used VW..... 12
 -aftermarket..... 6.95
wheel bearing FAG/SKF
 inner..roller/ball..... 17/45
 outer.. roller/ball..... 14/40
steering damper..... 28

torsion arm-upper.....30
 -lower.....35
torsion spring set-used/new..... 45/70
sway bar- (3/4 solid/.....75
spacers (sway bar) pair aluminum..... 40
quick steer adapter..... 25
smaller diameter shims for offset bushings..0.45

wheel bearing grease seal-Elring..... 2.75
upper-lower beam grease seals-pair..... 5
front wheel cylinder (Germ.)..... 18.00
brake shoes- Porterfield.(free shipping). 137.00
backing plate-used/clean. 40/45
brake drum...(Italian)..... 59
pitman arm..... 40
brake shoe adjuster- angled..... 2.50
 - straight..... 3.75
front wheel lock plate..... 0.75
wheel nut- lt, rt. each (VW).... 1.75
spindle (grease seal) spacer..... 9.50
thrust washer..... 1.50
pinch bolt 1.95
related front end parts.....call
lug bolt..... 2.95
Wilwood master cyl...5/8 or 3/4.. 55
(buy 3 of any size-deduct 10%)
aluminum spindle nut- pair..... 15
rims- new and usedCALL

Transmission and Rear Suspension:

axle tube w/without shock mount..... 65/75
rear axle..... 50
axle bearing SKF or FAG (not Chinese).. 19.95
brake shoes-Porterfields (incl shipping).. 139.00
brake drum-Italian..... 59
fulcrum plate..... 7/12 pair
gears: all numbers in stock..... 55
 transporter 3rd. 1.22..... 150
rear wheel cylinder...German 18.00
axle bearing retainer cover (either style).... 15
CNC slave cylinder...(limited supply).... 78.90
Related transmission parts.....call
Trans side cover..... 25
mainshaft seal..... 2.75
starter bushing 6V or 12V..... 2.50
axle nut w/o or with flange..... 6.95
VW rims- new and used.....CALL

throwout bearing Sachs..... 39
axle boot kit-German..... 9.10
backing plate-used/clean..... 25/30
side gear-used..... 30
nose cone gasket..... 1.90
axle seal kit..... 5.80
axle tube retainer gasket..... 1.20
trans gasket set..... 10.95
throwout bearing clips (ea).....1.25
inner axle spacer..... 8
 outer axle brg spacer..... 13
nose cone bushing (early).....10.95
trans syncro..... 15
clutch cable-stock..... 5.95
trans nose cone..... 30
daisy-used..... 5
brake spring kit – front or rear.....7

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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, line bore, surface heads, cut barrels and pistons for deck height.

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..... 270.00

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 3600-4500 range without carb and manifold.

Head Work:

Head(s) – bare 373\$100/ea.
Flow test your heads and report..... 50/pair
1. Your heads- cut 3 angle valve seat, reface intake/exhaust valves, set spring seat pressure, lap valves... \$180/pair
2. Good used heads available- rebuilt and flow tested.....call
3. Valve seat(s) installed...(included seats)..... 45 each or 320 for 8
4. Cut valve seat- three angle..... 15 ea/ 96 for 8
5. Spark plug insert-installed..... 10 -1st oversize (plus insert)
20 -2nd oversize(plus insert)
6. Flycut bare head..... 30/(50pair)
9. Head welding.....call
10.Helicoil- 6 or 8 mm installed..... 10 (remove broken stud add 10)
11. Install shortened valve guide(s)..... 8 ea (includes guide)
12. Reface intake/exhaust valve(s)..... 3.50 ea.
13. Set Spring Seat Pressure..... 20 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)
\$85 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