

This is how the cheat sheet should look as it comes out of your inkjet printer.


Fold the page in half as indicated.


Fold it again, and your done. It's now conveniently sized for the glove box, tool roll, or tool box. A judicious use of glue stick on the unprinted side will keep it from unfolding.
Anal-retentives like me will have it laminated.

## THE <br> THINR tune up and Maintenance Procedures Cheat Sheet <br> INSTRUCTIONS

This cheat sheet is intended to be a ready reference for those who like to work on their own VWs, but don't do it so often that they have every spec and procedure memorized. It is not meant to replace a shop manual. If you have not performed a given procedure with the benefit of a real manual or knowledgeable supervision, don't think the information here is enough to get you through. The cheat sheet is a mnemonic device - not a training tool.

The specifications and part numbers given are for stock or stockish setups. If your car has a lot of wiz-bang custom mods, the info given might not be appropriate.

So much for the disclaimer.
There is a lot of information on the sheet. I tried to format it so that it could be printed out by any inkjet printer. The problem is that some printers will print all the way to the edge of the page, and some won't. If your printer supports borderless printing, please select that option in your print dialog. If your printer doesn't support bordeless printing, maybe the page will be cropped when you print it. Maybe it won't. It all depends on how close to the edge of the page your particular printer is capable of printing.

Happy wrenching!

| ReFERENCES: |
| :---: |
| Rob and Dave's Aircooled Volkswagen Pages |
| http://www.vw-resource.com/ |
| Bug Me Video Series |
| http://www.bugmevideo.com/ |
| The Bentley Manual, or more properly: |
| Volkswagen Official Service Manual |
| Type 1 1970 through 1979 |
| from Bentley Publishers |
| How to Keep Your Volkswagen Alive |
| written by John Muir |



Rear axle seal：113501315G Rear wheel bearing，inner： 113501283
Rear wheel bearing，outer： 113501277 A Front wheel seal： 111405641 B Front wheel bearing，outer： 311405645

Brake backing plate plug： 113609163 Brake drum，rear： 181501615 A
Brake hose，rear： 113611775 E Brake Hardware，rear： 113698003

 Brake shoes，front： $181609237 B$
Brake hardware，front： 13698002 Alternator Belt： $111903137 \mathrm{E}(11.3 \times 912 \mathrm{~mm})$
Generator Belt： $111903137 \mathrm{D}(9.5 \times 905)$ Spark Plugs：Bosch W145T1，or W8AC Rotor：BOS－1－234－332－215 Condenser：BOS－1－237－330－342 Ignition points：BOS－1－237－013－044 Valve cover gaskets（2）：VWC－113－101－481－F
Oil change gasket kit：VWC－113－198－031
Oil strainer： $111115175 B$ COMMON PART NUMBERS

## 



Change transaxle lubricant
Every $\mathbf{3 0 , 0 0 0}$ Miles：
Check and repack wheel bearings
Change transaxle lubricant Inspect suspension and steering
Inspect exhaust system

 Check／adjust engine idle speed Inspect plug wires，cap and rotor Replace ignition points \＆condenser Check compression Inspect fuel system Service fuel filter Every $\mathbf{1 2 , 0 0 0}$ Miles or $\mathbf{1 2}$ Months：
All 6000 mi．service items，plus－
Service air filter Inspect brakes Rotate the tires
Adjust valves Inspect underhood hoses Check cuth freeplay Inspect／replace wiper blades Every $\mathbf{6 0 0 0}$ Miles or 6 Months：
All 3000 mi．service items，plus－

Check and adjust engine drive belt Lubricate the chassis Check tires and tire pressures
 Every $\mathbf{3 0 0 0}$ Miles or $\mathbf{3}$ Months：
Check engine oil level

Check tires and tire pressures
 Every $\mathbf{2 5 0}$ Miles or Weekly：
Check engine oil level

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 100 p．s．i．+5 p．s．i．variance Insert compression tester．
Crank for six seconds． Remove spark plugs． －Remote start switch

 Compression Test： Engine warm | Procedure Notes： |
| :--- |
| Oil Change： |
| － 10 mm socket wrench |
| －Oil capacity： 2.5 liters |
| －Oil change gasket kit |
| －Solvent（to clean strainer） |
| Engine warm |

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$\begin{aligned} & \text { Service Air Filter } \\ & \text { Service Fuel Filter }\end{aligned}$


 Refill with oil
 Install gapped spark plugs
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Wdy 00sを © כals of Disconnect／plug vac line（if applicable） Strobe Light Timing： Static Timing：7．5 BTDC using test light
 Check the following： （only for 009 or SVDA distributors） lgnition Timing： jump this distance，replace the condensor
 on，turn the engine over．The spark should wire from the coil，and with the ignition to the coil．Pull the main high tension Reconnect the green distributor wire the condenser must be replaced．

 Connect test lamp wire to ignition coil green wire from distributor to coil With points fully open，disconnect －small screwdriver，test light Condenser Test： remember to lubricate cam follower （әи！биә шлем ч！！м ралияеәш）－ Dwell Angle $=50^{\circ} \pm 2^{\circ}$
 Cap：contacts pitted？Replace．
 tach／dwell meter
ohmmeter tach／dwell met med and small flat blade screwdrivers Distributor Cap and Rotor： Start engine．Check for leaks． Install gaskets into valve covers and
replace valve covers． Install gaskets into valve covers and Thinly coat mating surfaces of valve
 Adjust cylinders in this order：1－2－3－4 Clean gasket surfaces
Adjust valve clearanc Remove valve covers －Valve cover gaskets（cork，2）
－grease 19 mm ratcheting combo wrench
feeler gauge $-0.006^{\prime \prime}$ 13 mm combo wrench Valve Adjustment（Cold Engine）：
－large and small screwdrivers

