

# Technical Bulletin



Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
(A5) Jetta	2005 - 2008	All	All	All	All
Rabbit, GTI, R32	2006 - 2008	All	All	All	All
Passat, Passat Wagon	2006 - 2008	All	All	All	All
Eos	2007 - 2008	All	All	All	All

## Condition

48 08 01 Jan. 15, 2008 2011806 Supersedes T. B. Group 48 number 06-02 dated April 28, 2006 to include updated version CD, additional model and 2008 year.

Steering System, Adaptation Requirement after Replacement Part Installation

## Technical Background

Service parts are shipped with a software mapping default and have to be adapted to the individual vehicle requirements.

## Production Solution

No production change required.

## Service

Follow the Guided Fault Finding instruction of VAS 5051/ VAS 5052 tester, and as outlined in this technical bulletin.



Tip:

Non-observance of the following points may lead to control module failure! VAS 5051 or VAS 5052 must always be connected to the approved power supply at the approved voltages. Under no circumstances should the power supply be interrupted or the diagnostic connector unplugged during the flash procedure. Any appliances with high electromagnetic radiation (i.e. mobile phones) must be switched OFF.

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## Procedure

- Connect vehicle to approved Volkswagen battery charger Midtronics InCharge 940 (INC940) tester/charger to maintain proper battery voltage.
- Insert CD, Part No. or later, with steering rack adaptation files.
- Enter vehicle data and start power steering control module J-500 interrogation.
- Select -OK- and then forward arrow.
- Select Go to and Function / Component selection.
- Navigate selections, for vehicle serviced, as outlined in the Example provided.

## Example

Guided Fault Finding	Volkswagen V08.67.00 07/02/2006
Function / Component Selection	1K - Golf 2004 > only USA/Canada
Select function or component	2006 (6) Sedan BPY 2.0 L Motronic 147kW
+ Suspension (Repair Group 01; 40 to 49)	
+ Electromechanical power steering	
+ 01 - On Board Diagnostic (OBD) capable system	
+ Electro-mechanical power steering	
+ Functions	
Adaptation of electro-mechanical steering	
Adaptation -J500- with ABS system	
Basic setting electro-mechanical steering	
Steering Angle Sensor -G85-, basic setting	
Checking/erasing DTC memory	
Reading measured values	
Adapting software Power Steering Control Module -J500-	
	Operating mode
	Print

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Guided Fault Finding	Volkswagen	V08.67.00	07/02/2006
Function / Component Selection	1K - Jetta 2005 USA / Canada >		
Select function or component	2005 (5) Sedan BGQ 2.5L Motronic / 110 kW		
+ Suspension (Repair Group 01; 40 to 49)			
+ Power steering, electro-mechanical			
+ 01 - Self-diagnosis			
+ 44 - Power steering			
+ Functions			
+ On Board Diagnostic (OBD) functions			
Adaptation			
Basic settings			
Value blocks			
Updating the software version			

Operating mode    Go to    Print    ?    !    >

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Guided Fault Finding	Volkswagen V08.67.00 07/02/2006
Function / Component Selection	3C - Passat 2006 > only USA/Canada 2006 (6)
Select function or component	Wagon BLV 3.6 L Motronic / 206kW
+ Suspension	
+ Electromechanical power steering	
+ 01 - On Board Diagnostic (OBD) capable system	
+ Electro-mechanical power steering	
+ Functions	
Adaptation of electro-mechanical steering	
Basic setting electro-mechanical steering	
Basic Setting Steering Angle Sensor -G85-	
Checking/erasing DTC memory	
Reading measured values	
Adapting software Power Steering Control Module -J500-	
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- Follow instructions until VAS 5051/VAS 5052 screen states - Adaptation of power steering was performed correctly, Program end-.

 Note:

The steering rack adaptation CD version 36 will be distributed with this technical bulletin. This version will remain valid until an approved updated version is received.

## Warranty

Information Only.

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## Required Parts and Tools

No Special Parts Required.

Tool Description	Tool No:	Quantity
VAS Diagnostic Tool	VAS 5051 / 5052	1
CD	W42RACKMAP version 36	1



Tip:

Additional copies of the "Update - Programming" CD may be ordered from the Volkswagen Technical Literature Ordering Center at [www.vw.resolve.com](http://www.vw.resolve.com), or by calling 1-800-544-8021 from 8:00 a.m. to 8:00 p.m. EST Monday through Friday. This number can be dialed in both the United States and Canada.

## Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.