

Technical Bulletin



Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Rabbit, GTI	2006-2008	All	All	1K_6W000001	1K_8W007008
(A5) Jetta	2005 - 2008	All	All	1K_5M000001	1K_8M043064
Passat, Passat Wagon	2006 - 2008	All	All	3C_6E000001 3C_6P000001	3C_8E068816 3C_8P043459
Eos	2006 - 2008	All	All	1F_6V000001	1F_8V025007

Condition

91 08 04 Mar. 28, 2008 2015914 Supersedes T. B. Group 91 number 07-10 dated Aug. 17, 2007 due to additional model year with VIN ranges.

Radio, Panasonic Premium Sound System, Bass Flare

Panasonic radios have a software malfunction that may cause radio Bass Flare and in addition, may not allow Radio to power down with key off and door open.

Amp clipping reprogramming Software 18 and "NO SAT" Display and/or Sound Inconsistent reprogramming Software 21 are also included in this updated programming.

Technical Background

- 1. Bass Flare:**
The Bass Flare is described as: an increase of the bass level in the radio and an inability to reduce the Bass, or a decrease in the Treble level with the inability to increase the treble. These symptoms would be eligible for the radio Software 35 update programming.
- 2. Powering Down:**
Powering down is described as: the radio will stay on with key out of ignition and door open. If customer is concerned that the radio will not power down after removing the ignition key, and opening the driver door, and there are no fault codes in the car, this radio would be eligible for the radio Software 35 update programming.
- 3. Radio software 35 will add a clock to the updated radios.** This clock is set through the cluster and time is read from the cluster (Please refer to the clock setting in the owners manual to address clock setting). The clock can be set for small or large display (Please refer to the Setting custom Turn-on Volume Level in the owners manual to adjust the clock size this function is integrated in this menu)



Tip:

In addition to the concern listed above, the software included in this Programming Update will proactively repair the following additional condition(s) which may occur on this vehicle. Once the Radio programming is complete, the radio cannot be returned to its original state. Please inform the customer of all concerns addressed by the new software prior to performing the Update

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Programming feature. DO NOT perform Update Programming if the customer does not want these concerns to be addressed.

1. This software version also includes previous software updates:
 - a. Amp clipping update programming Software 18
 - b. "NO SAT" Display and/or Sound Inconsistent update programming Software 21.

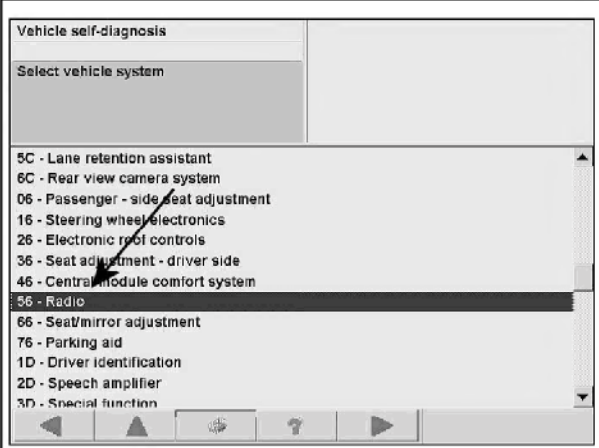
Production Solution

Introduction of Update Programming Software 35.

Service

Update Program Panasonic radios with Software 35 to address concerns of Bass flare and/or Radio power down as follows:

Determining Radio Type and Software Level

 <p>The screenshot shows a software interface for vehicle self-diagnosis. At the top, it says 'Vehicle self-diagnosis' and 'Select vehicle system'. Below this is a scrollable list of vehicle systems. The list includes: 5C - Lane retention assistant, 6C - Rear view camera system, 06 - Passenger - side seat adjustment, 16 - Steering wheel electronics, 26 - Electronic roof controls, 36 - Seat adjustment - driver side, 46 - Central module comfort system, 56 - Radio (highlighted), 66 - Seat/mirror adjustment, 76 - Parking aid, 1D - Driver identification, 2D - Speech amplifier, and 3D - Special function. At the bottom of the list are several navigation icons: a left arrow, an up arrow, a search icon, a down arrow, and a right arrow.</p>	<ol style="list-style-type: none">1. Connect VAS 5051/5052 tester to vehicle. Switch ignition ON.2. Activate Vehicle Self Diagnosis from VAS 5051/5052 tester and select "On Board Diagnostic (OBD)".3. Access Address Word "56 – Radio" -arrow-.
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Vehicle self-diagnosis	56 - Radio	
Supported functions	1K0035180D	1K0035180D
Select diagnostic function	Radio PM6 016	016 0018
	Coding 40400	
	Dealer number 1279	
001 - Identification (Service 1A) 004 - DTC memory content 005 - Output Diagnostic Test Mode (DTM) 007 - Coding (Service 1A) 011 - Measured values 012 - Adaptation 015 - Access authorization 017 - Safety 019 - Update programming 020 - Special function 022 - End output Display all diagnostic functions		

4. Look at header information which appears at the top of VAS 5051/5052 screen. Panasonic Premium radios can be identified by either PM6 or ZSW letters, -arrow-.

Is vehicle equipped with Premium radio?
 Yes, go to step 5.
 No, go to step 6.

Vehicle self-diagnosis	56 - Radio	
Supported functions	1K0035180D	1K0035180D
Select diagnostic function	Radio PM6 016	016 0018
	Coding 40400	
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001 - Identification (Service 1A) 004 - DTC memory content 005 - Output Diagnostic Test Mode (DTM) 007 - Coding (Service 1A) 011 - Measured values 012 - Adaptation 015 - Access authorization 017 - Safety 019 - Update programming 020 - Special function 022 - End output Display all diagnostic functions		

5. Is software level lower than 0035, -arrow-?

Yes, press Go To button to Exit VAS 5051/5052 tester. Switch ignition OFF. Go to step 1 in Programming Procedure for Premium Radio.
 No, go to step 7.

Step 6: Radio is not Premium type. No further action required.

Vehicle self-diagnosis	56 - Radio	
Supported functions	1K0035180D	1K0035180D
Select diagnostic function	Radio PM6 016	016 0035
	Coding 40400	
	Dealer number 1279	
001 - Identification (Service 1A) 004 - DTC memory content 005 - Output Diagnostic Test Mode (DTM) 007 - Coding (Service 1A) 011 - Measured values 012 - Adaptation 015 - Access authorization 017 - Safety 020 - Special function 022 - End output Display all diagnostic functions		

7. Radio software has already been updated, -arrow-. No further action required.



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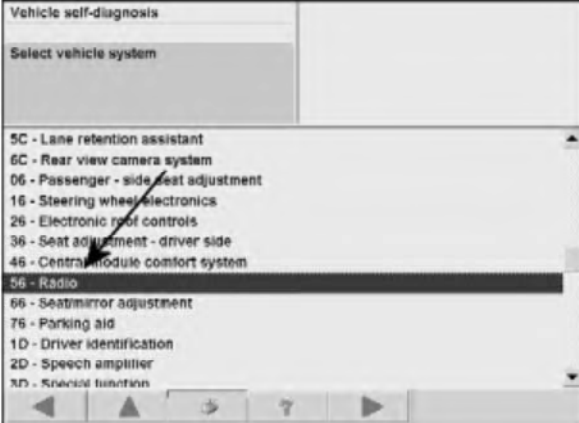

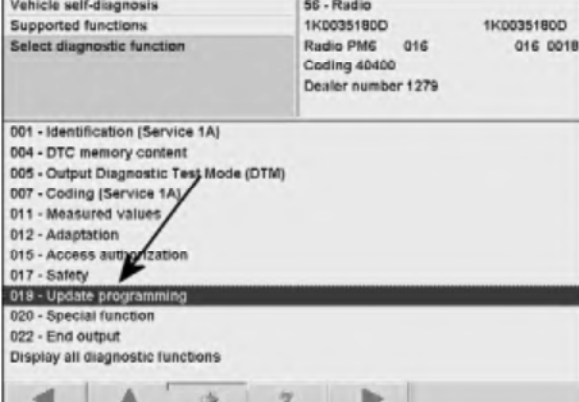


Programming Procedure for Panasonic Premium Radio



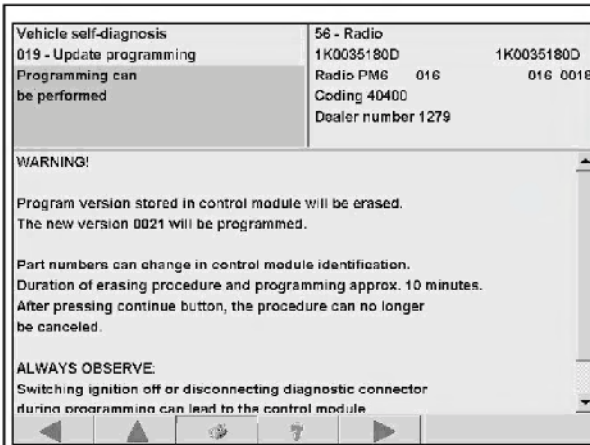
Tip:

For software programming to execute properly, vehicle battery must be maintained by an approved VW battery charger/maintainer. Failure to comply with these guidelines may result in software programming failure.

 <p>Vehicle self-diagnosis Select vehicle system</p> <ul style="list-style-type: none">5C - Lane retention assistant6C - Rear view camera system06 - Passenger - side seat adjustment16 - Steering wheel electronics26 - Electronic roof controls36 - Seat adjustment - driver side46 - Central module comfort system56 - Radio66 - Seat/mirror adjustment76 - Parking aid1D - Driver identification2D - Speech amplifier3N - Special function	<ol style="list-style-type: none">1. Connect approved VW battery charger/maintainer to vehicle battery.2. Insert update programming CD PANFLSW0035, into VAS 5051/5052 tester.3. Switch ignition ON.4. Activate Vehicle Self Diagnosis from VAS 5051/5052 tester and select "On Board Diagnostic (OBD)".5. Access Address Word "56 – Radio" -arrow-. <p> Tip: Radio may be in the ON or OFF position. Radio station presets will not be lost after the software programming has been completed.</p>												
 <p>Vehicle self-diagnosis Supported functions Select diagnostic function</p> <table border="1"><tr><td>56 - Radio</td><td>1K00351B0D</td><td>1K00351B0D</td></tr><tr><td>Radio PM6</td><td>016</td><td>016 0018</td></tr><tr><td>Coding</td><td>40400</td><td></td></tr><tr><td>Dealer number</td><td>1276</td><td></td></tr></table> <ul style="list-style-type: none">001 - Identification (Service 1A)004 - DTC memory content005 - Output Diagnostic Test Mode (DTM)007 - Coding (Service 1A)011 - Measured values012 - Adaptation015 - Access authorization017 - Safety018 - Update programming020 - Special function022 - End output <p>Display all diagnostic functions</p>	56 - Radio	1K00351B0D	1K00351B0D	Radio PM6	016	016 0018	Coding	40400		Dealer number	1276		<ol style="list-style-type: none">6. At the bottom of the screen, select 018- "Update-Programming", -arrow-.
56 - Radio	1K00351B0D	1K00351B0D											
Radio PM6	016	016 0018											
Coding	40400												
Dealer number	1276												



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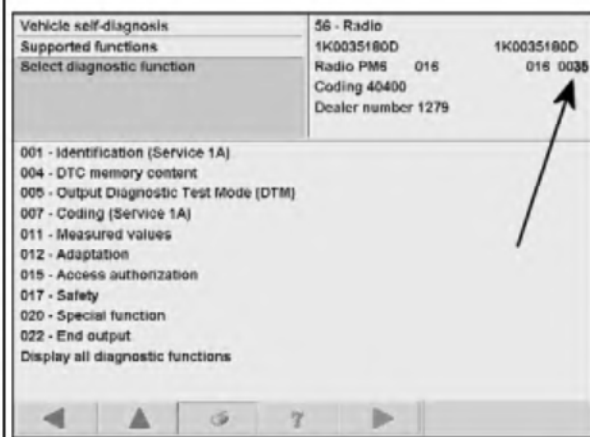
7. Read Warning displayed on screen, and go forward to next screen, Software programming process will begin, as shown.



Tip:
A bar-graph will appear showing programming process.

If a pop-up appears on VAS 5051/5052 tester stating that Diagnostic link is faulty, ensure ignition is switched ON and select repeat.

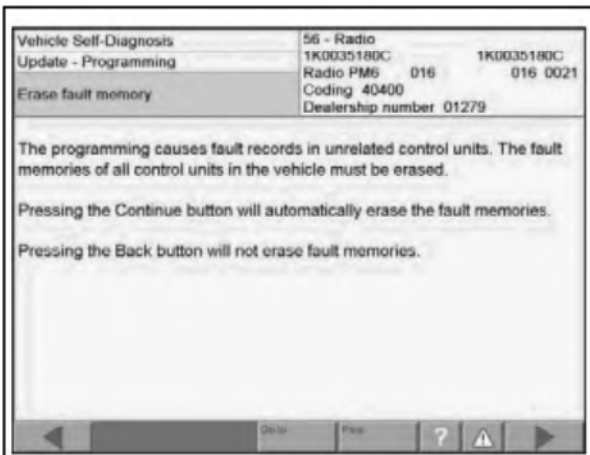
8. After programming process is completed, follow steps on VAS 5051/5052 tester.



9. Once programming process has completed (100% on bar-graph), the VAS 5051/5052 tester will display "Programming Log – Save Results?"

This screen displays old and new radio information. Software level in header of screen should now be 0035 -arrow-.

Press forward button on VAS 5051/5052 tester.



10. VAS 5051/5052 tester will now prompt to "Erase Fault Memory?", as shown.

DO NOT press forward button on VAS 5051/5052 tester. Instead, press the Go To button and select the option to Exit the VAS 5051/5052 tester

11. At the VAS 5051/5052 start screen, select "Vehicle Self-Diagnosis".

12. Select "Compiling Services"

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<p>Vehicle self-diagnosis 1001 - Compiling services Select compiling services</p> <p>1001.01 - Checking DTC memory - complete system 1001.02 - Erasing DTC Memory - complete system 1001.03 - Switching on transport mode 1001.04 - Switching off transport mode</p>	<p>13. Select "1001.02 - Erasing DTC memory - complete system", -arrow-.</p> <p>14. When DTCs have been erased, Exit VAS 5051/5052 tester.</p> <p>15. Switch ignition OFF.</p>
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Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Rabbit, GTI	2006-2008	All	All	1K_6W000001	1K_8W007008
(A5) Jetta	2005 - 2008	All	All	1K_5M000001	1K_8M043064
Passat, Passat Wagon	2006 - 2008	All	All	3C_6E000001 3C_6P000001	3C_8E068816 3C_8P043459
Eos	2006 - 2008	All	All	1F_6V000001	1F_8V025007
Claim Type:		Use applicable Claim Type ¹⁾			
SAGA Coding					
Service Number:		Damage Code	Damage Location (Depends on Service No.)	Parts Manufacturer (removed part)	



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9130	0039	Use applicable when indicated in ElsaWeb (L/R)	----- ²⁾
Labor Operation ³⁾ :		91302599 = 40 TU	
Diagnostic Time ⁴⁾			
GFF Time expenditure		01500000 = XX TU max.	NO
Road Test		01210002 & 01210004	NO
Technical Diagnosis		0132xxxx = XX TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2015914" in comment section of Warranty Claim.			
<p>¹⁾ Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only</p> <p>²⁾ Code per warranty vendor code policy.</p> <p>³⁾ Labor Time Units (TUs) are subject to change with Elsa updates.</p> <p>⁴⁾ Documentation required per Warranty Policy & Procedures Manual.</p>			

Required Parts and Tools

No Special Parts required.

Description	Part No:
VAS Diagnostic Tool (with Base CD V.12.00 and the Brand CD V.12.83.01 or higher)	VAS 5051/5052
CD	PANFLSW0035

Tip:

Additional copies of the "Update - Programming" CD (Literature Number PANFLSW0035) may be ordered from the Volkswagen Technical Literature Ordering Center at 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.

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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.