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# Technical Bulletin

Subject: DVD Navigation, Update Programming

Group: 91

Number: 06-01

Model(s): Touareg

2006 ► VIN: 7L\_6D052042

Date: Feb. 27, 2006

## Condition

Sporadic malfunction of the Navigation unit, especially after engine start, including occasional erroneous displays of “DVD incompatible”, “No DVD inserted”, “No navigation unit recognized”, or no audio after engine start.

## Service

Touareg DVD Navigation systems with software version “46” and lower need to be updated with software version “47”.

**If software version is 47 or higher, Do Not perform this bulletin.**

First procedure will identify what software version is within the unit, see Identifying Software on page 2.

Second procedure is for updating units that require the software flash, see Update Programming (Flashing) on page 5.

## Tool Requirements

”Update – Programming” (flashing) CD W42TOURSWU47.



### Tip:

*Additional copies of the “Update Programming” CD W42TOURSWU47 may be ordered from the Volkswagen technical Literature Ordering Center at [www.vw.ddsltd.com](http://www.vw.ddsltd.com), or by calling 1-800-544-8021 from 8:00 am to 8:00 pm EST Monday thru Friday. This number can be dialed in both the United States and Canada.*



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## Vehicle Requirements

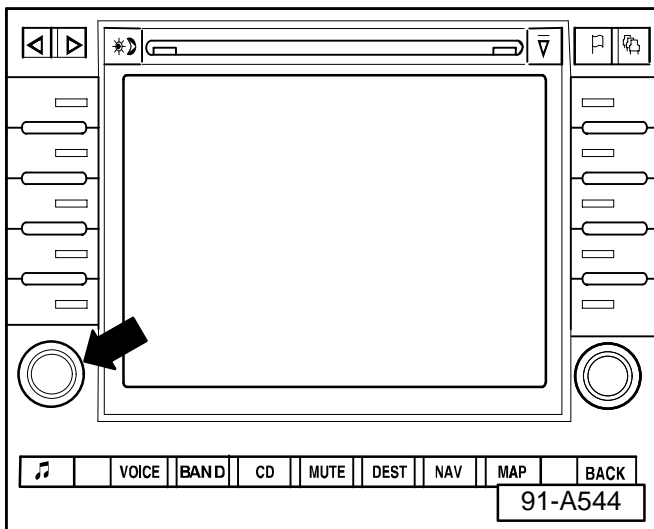
- ◆ Battery **MUST** have a minimum no load charge of 12.5 V (failure to maintain voltage during update process can lead to Instrument cluster failure.) It is advised to use an approved battery charger to maintain battery voltage.
- ◆ Any appliances with high electromagnetic radiation, i.e. mobile phones, should be switched OFF.

## Identifying Software:



### Tip:

- ◆ *Record radio presets before starting procedure. The reflash procedure will erase all radio presets.*
- ◆ *Entire procedure should take approximately 50 minutes.*
- ◆ *If the unit is left on for more than 1 hour it will switch off to conserve battery power. Simply switch the unit back on and continue from previous step.*



– Remove key from ignition.

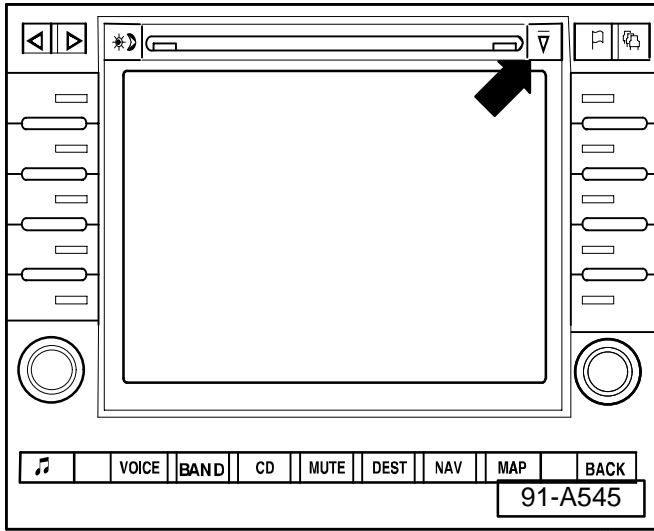
◀ – Press “POWER” knob (arrow).



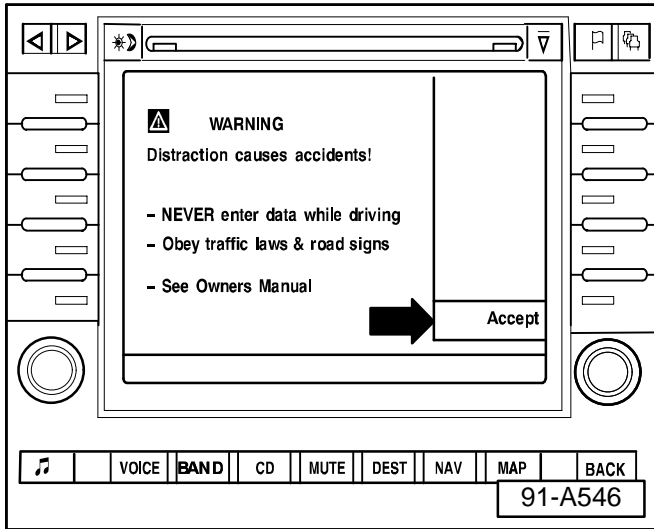
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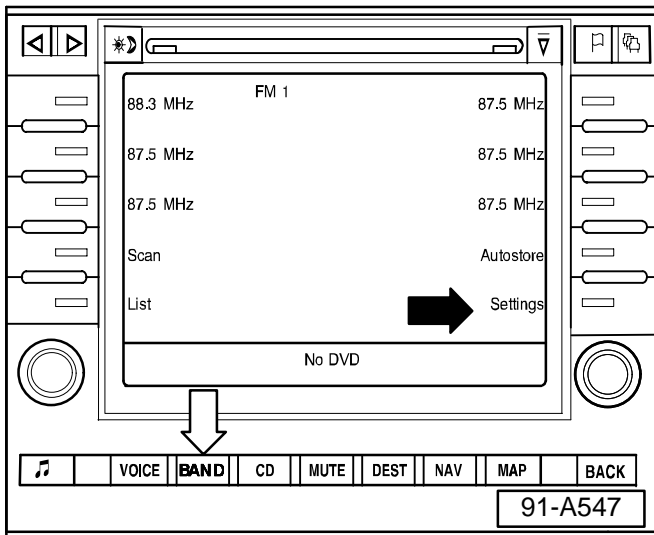
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◀ – Eject any disc in Navigation unit DVD drive using the “EJECT” button (arrow).



◀ – Press “Accept” soft key (arrow).



◀ – Press “BAND” button, then press “Settings” soft key.



### Tip:

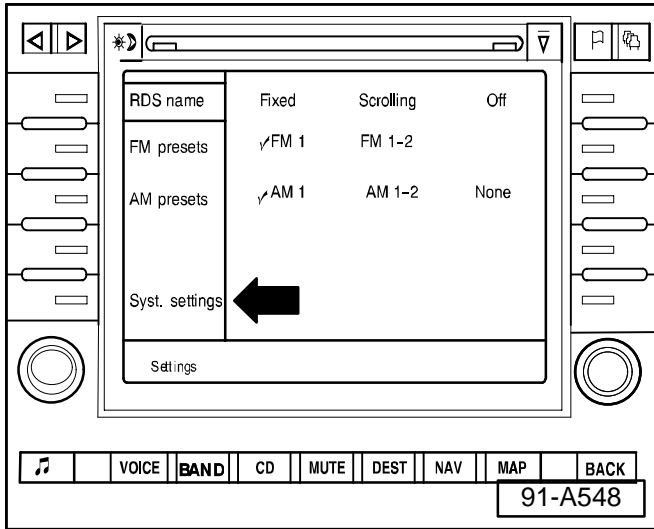
*On some units, the button is labeled “RADIO” instead of “BAND”.*



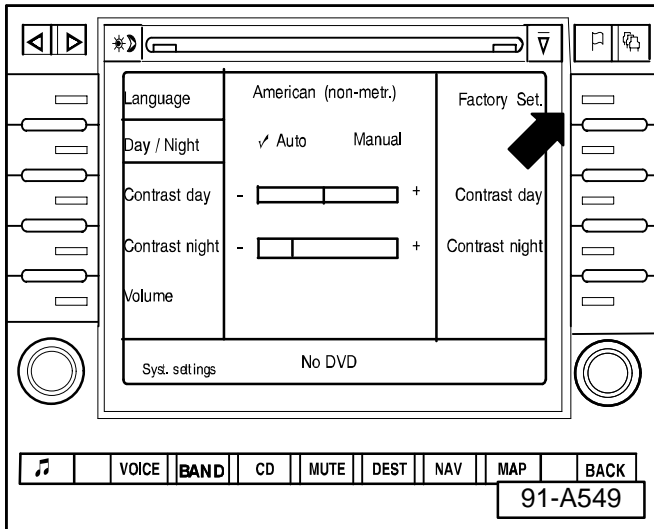
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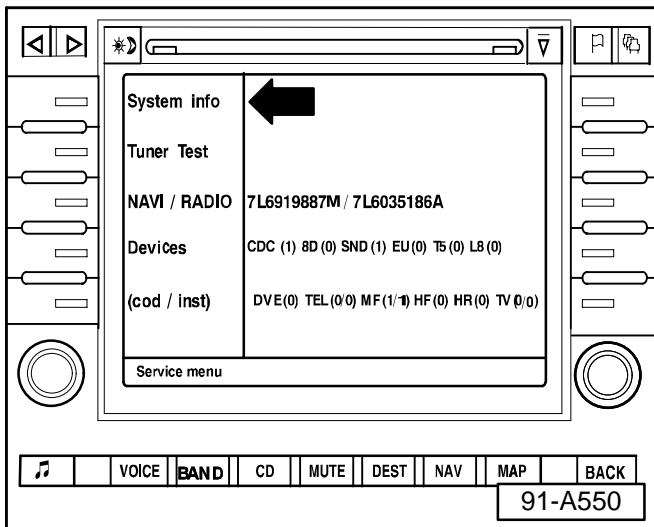
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← Press "Syst. Settings" soft key (arrow).



← Press and HOLD "Factory Set." soft key (arrow) for at least 6 seconds, until next screen appears.



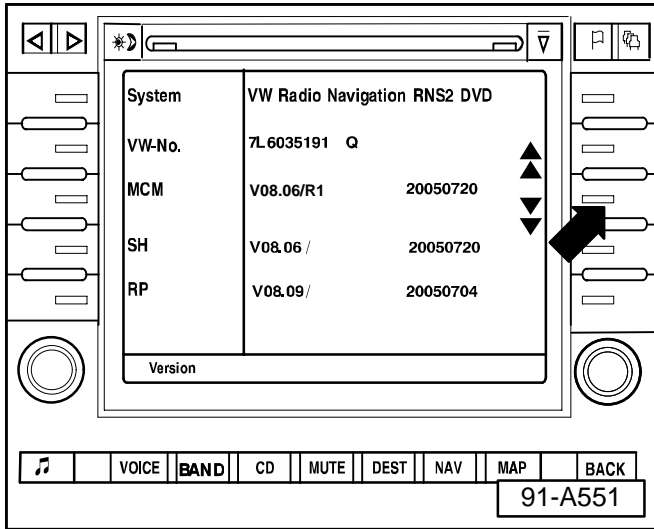
← Press "System Info" soft key (arrow).



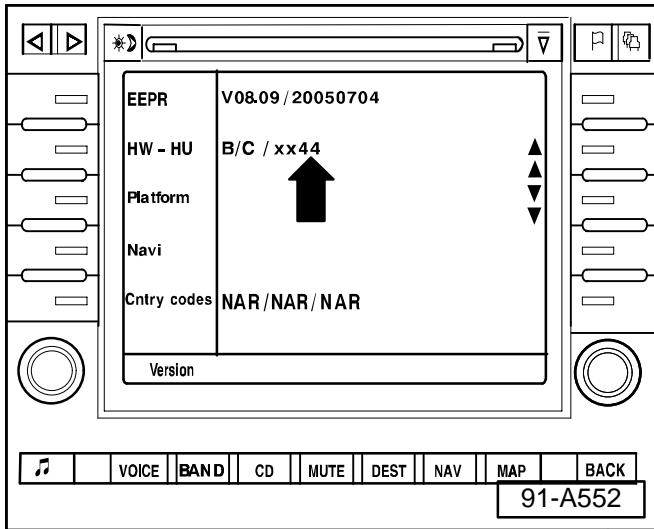
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– Press soft key (arrow), next to downward double arrow, on the right side of the screen.



– Check four digit number (arrow):  
◆ Last two digits indicate software version.

If the last two digits read 47 or higher:

Update has been performed. Press “Back” twice to discontinue procedure. DO NOT complete the remainder of the Technical Bulletin.

If the last two digits read 46 or lower, continue to update flashing.

## Update Programming (Flashing):

– Insert Download CD.



### Tip:

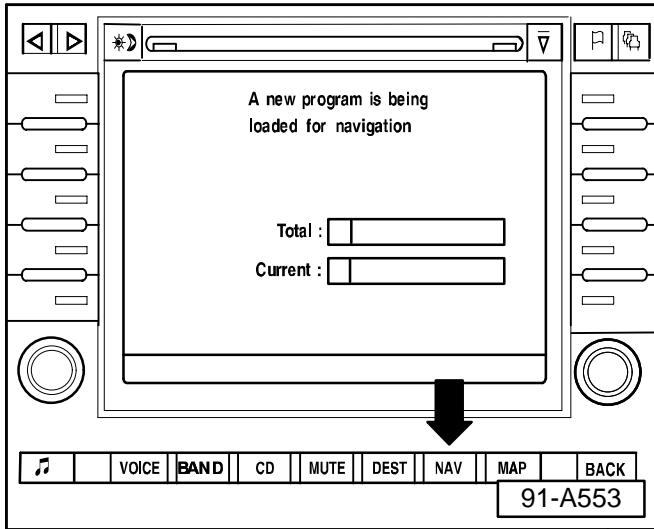
*The next step **IS NOT** the software download. If CD does not load or No DVD Installed, eject programming CD, Install Navigational DVD, select MAP, wait until a map displays, remove Navigational DVD and Install programming CD to continue update. If programming CD does not want to eject, refer to subject matter: Radio/Navigation System “Sound II” Will Not Accept CD During PDI, Will Not Play Audio CD (T.B. V000502, or later).*



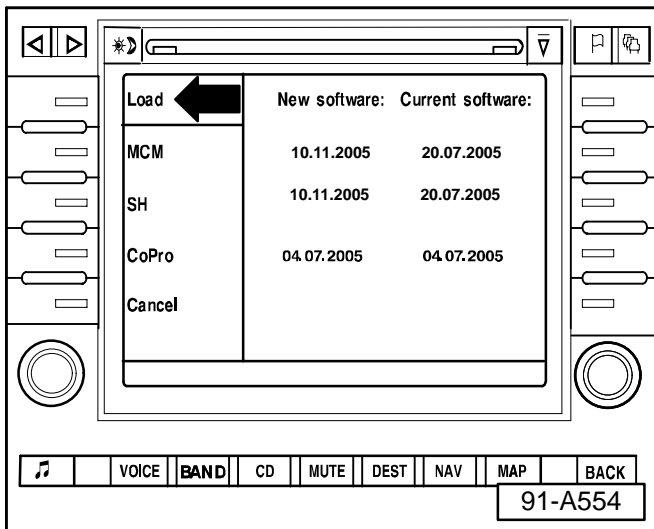
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← - Press NAV button (arrow), wait until Software Version screen appears (during this time the screen display may change rapidly, this is normal operation, wait for the load screen in the next step).



### Tip:

*If this screen does not appear after 10 minutes, eject the CD and re-install.*

*Data shown in the screen shot is for illustration ONLY. Actual dates may differ depending upon the production date of the unit.*

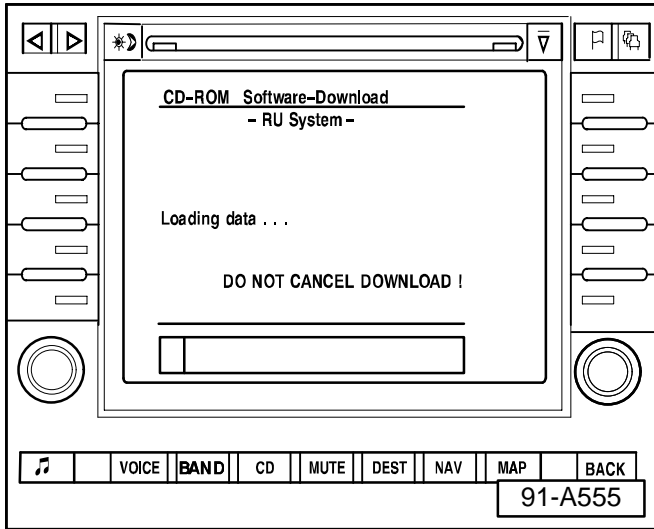
← ◆ Similar screen appears.  
- Select "Load" soft key.



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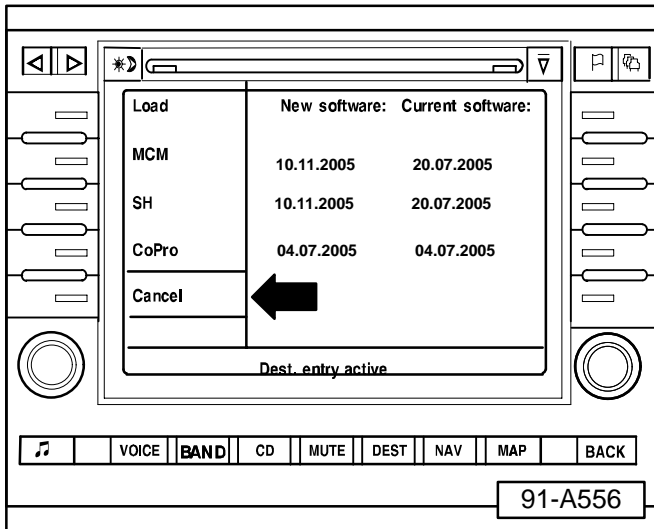


– Software loading procedure will begin as shown.



### Tip:

- ◆ During this procedure, display may go blank for a few seconds and the security LED will light. This is NORMAL.
- ◆ Download takes approximately 45 minutes; unit may be left alone during this time.
- Do NOT insert key into the ignition.
- If unit is left for more than 1 hour, it will switch OFF:
- Press the "POWER" knob and "Accept" key to continue download process.



◆ Similar screen appears.

After download is finished:

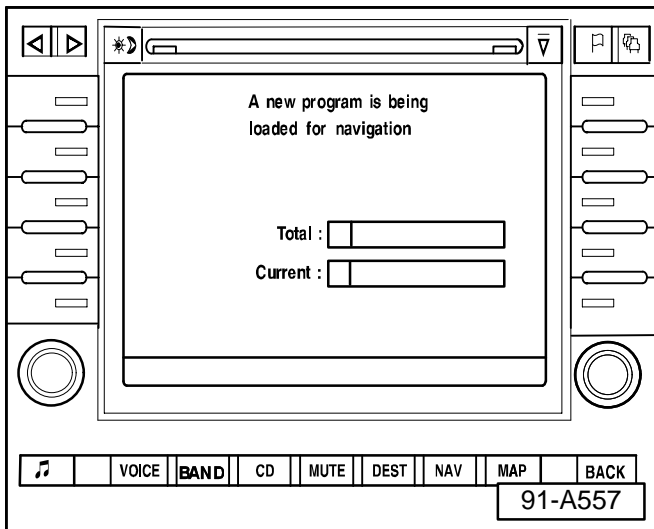
- Press "Cancel".
- Download CD will eject.
- Remove Download CD and wait until "No DVD" inserted appears on the screen.
- Insert map DVD and press the "NAV" button.



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## Tip:

*New software will take approximately four minutes to load.*

- ◀ – Wait until Navigation main menu appears.
- ◆ Flashing procedure is complete. Map DVD can be ejected and returned to its original storage place.
- Reset all preset radio stations.
- Press “POWER” knob to switch Navigation unit off.



## Tip:

- ◆ *Flashing procedure may lead to Diagnostic Trouble Codes (DTCs) in several control modules.*
- ◆ *Erase all DTC memories.*
- ◆ *If no presets were saved, switch on Navigation unit, press “BAND” button. (On some units, the button is labeled “RADIO” instead of “BAND”)*
- ◆ *Press and hold “Autostore” soft key for at least 10 seconds until an audible beep indicates that “Initial Autostore” is started.*
- ◆ *Wait until “Initial Autostore” completes, and radio begins to play a station.*





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**When procedure applies to vehicles within the New Vehicle Limited Warranty, use the following:**

<b>Claim Type:</b>	<b>W2</b>
<b>Part Identifier:</b>	<b>9132</b>
<b>Damage Code:</b>	<b>9132 39 000 1</b>
<b>Labor Operation:</b>	<b>91322542 100 TU</b>
<b>Diagnostic Time:</b>	<b>No Diagnostic Time Allowed</b>

**Claim Comment: Type "As per Technical Bulletin V910601" in comment section of Warranty Claim.**