



# OWNER'S GUIDE VW1 & KENWOOD RADIO

RETAINS STEERING WHEEL CONTROLS,  
MFD, MDI, VW BLUETOOTH AND MORE!



KENWOOD

Volkswagen

#### PRODUCTS REQUIRED

- iDatalink Maestro RR Radio Replacement Interface
- VW1 Installation Harness

#### OPTIONAL ACCESSORIES

- None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-VW01-DS

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used herein are the properties of their respective owners.

# WELCOME

Congratulations on the purchase of your iDatalink Maestro RR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

This guide is a great addition to both the vehicle owner's guide and the aftermarket radio owner's guide. We recommend having both these documents handy as they cover all the functionality that the Maestro RR retains.

**Please note that all the retained functionalities must be initially available in the vehicle.**

# NEED HELP?

 **1 866 427-2999**

 [support@idatalink.com](mailto:support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://www.12voltdata.com/forum)

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# USING YOUR STEERING WHEEL CONTROLS *(If equipped)*



## Retaining Factory Systems

Steering Wheel Buttons	Press and Release	Press and Hold	Note
	Activate voice prompt	Not available	
	Phone menu, answer call, hang up call	Not available	
	Programmable	Not available	Only if MFD in audio source
	Programmable	Not available	Only if MFD in audio source

Your steering wheel buttons can be used to control your aftermarket Kenwood radio. You can assign steering wheel buttons to Kenwood radio functions. Simply program your Maestro RR module online using the Weblink updater and customize your buttons. Each steering wheel button can control up to two radio features.

## PRINT YOUR QUICK REFERENCE CARD

You can print a quick reference card showing your configuration on the Maestro website. If you had your product installed professionally, ask your installer to print this card for you.

maestro STEERING WHEEL CONFIGURATION REFERENCE CARD			maestro STEERING WHEEL CONFIGURATION REFERENCE CARD	
BUTTON	PRESS ONCE	PRESS AND HOLD		
Volume Up	Volume +	None		
Volume Down	Volume -	Mute On/Off		
Up	Band (FM,SAT) & Folder +	None		
Down	Band (AM) & Folder -	None		
Left	Seek -	Display Navigation Screen		
Right	Seek +	Next Source		
Voice	VW Voice Command	None		
Phone	VW Phone Menu, Answer & Hang Up	VW Reject Call		
			VEHICLE TRIM: 2011 Volkswagen CC Base	RADIO: Kenwood DNX891HD
<a href="http://maestro.idatalink.com">http://maestro.idatalink.com</a>				

The functions assigned to the up and down arrows on the steering wheel are only functional if the MFD (Multi-Function Display) is set to the audio source. When Maestro is programmed to retain MDI (Media Device Interface)/VW Bluetooth, certain buttons will not be able to be reassigned or given a second function.

# USING YOUR FACTORY SYSTEMS

## MFD DISPLAY:



The following section explains how to access and operate the factory systems that have been retained. Your vehicle must already be equipped with these systems.

## Factory systems

The Maestro Rr module retains your factory system functionalities with your new Kenwood radio. In order for them to be functional, these features must be retained during the Maestro Rr online programming with the Weblink Updater. Up to three source buttons will be available in the My Volkswagen menu depending on the factory systems in the vehicle and the programming of the Maestro Rr.

## Multi-function Display

The functionality of the MFD is retained by Maestro Rr. When the Audio screen is selected, audio meta data will be displayed on the MFD. The up and down buttons on the steering wheel will operate the programmed radio functions. In any other screen, these buttons will operate the functions of that screen.

The MFD will also display caller ID information when phone calls come in or are in progress.

With some radios, a new screen will be added to the MFD called NAVIGATION. This screen will display the street you are driving on when no route is active. When a route is active, this screen will display the street name for the next turn, the directional arrow and the distance to the turn.

# USING YOUR FACTORY SYSTEMS *(Continued)*

## HOW TO GET THERE:



### Media Device Interface (MDI)

MDI is Volkswagen's integrated multimedia player. To play audio from this device, plug a compatible device into the MDI proprietary port using the appropriate adapter (available from Volkswagen), or connect your device to the 3.5mm audio input.

Once connected, the source can be accessed in the My Volkswagen submenu by pressing the MDI source button. If no device is connected to the proprietary connector the MDI will be set by default to Line In (3.5 mm) input.

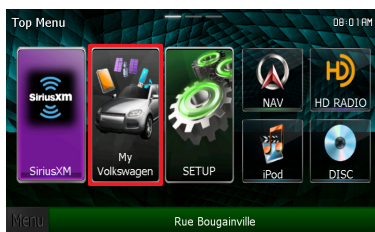
When using the Line In input there will be no controls available on the touch screen, nor will the touch screen display any audio meta-data.

When using a device connected through the proprietary port, audio meta-data will be displayed and the touch screen will provide full control of the media device. Use the MDI screen to browse your music library and access typical media player controls such as "Play/Pause", "Random", and "Seek". To access additional control buttons, press the arrows to the right of the button bar.

Radio buttons and MDI buttons are easy to differentiate. MDI buttons are labeled with only the first letter capitalized while Radio button's labels are ALL CAPITALIZED.

# USING YOUR FACTORY SYSTEMS *(Continued)*

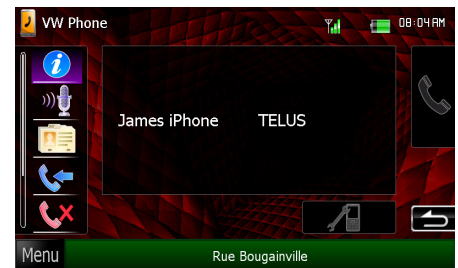
## HOW TO GET THERE:



### VW Phone

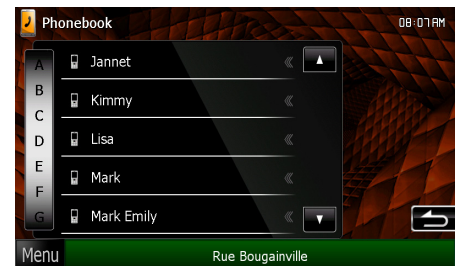
If the aftermarket radio has Bluetooth and your vehicle is also equipped with Bluetooth, there will be two hands-free systems installed in the vehicle at the same time. Only one hands-free phone system can be used to make phone calls.

The system was configured to use either the VW Bluetooth or the Kenwood Bluetooth for hands-free calls. Instructions for setting up the desired hands-free phone are included in the Installation guide. However, it is important to read and understand this section to prevent actions that will cause your system to malfunction. This selection must be made during installation and changing it later will require additional installation.



#### Using VW Bluetooth for Calls

To use VW Bluetooth for phone calls, your phone must be paired to the VW Bluetooth system. A setting in the radio will disable the hands-free phone portion of the Kenwood Bluetooth system. You can then pair your phone with the Kenwood Bluetooth, but only for audio streaming. Once a phone is paired with both Bluetooth systems, it is possible to use either the Kenwood radio or VW Bluetooth for audio streaming, but only VW Bluetooth can be used for hands-free calls. The VW Phone button will open the phone interface. Once in the VW Phone screen you can search you phonebook, make calls, and other typical phone features. All menus and features accessed in the MFD will still be available. Voice commands for the VW Bluetooth will continue to be recognized.



For more information about how to operate the VW Bluetooth system, consult the documentation that came with your vehicle.

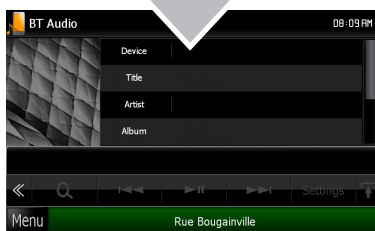
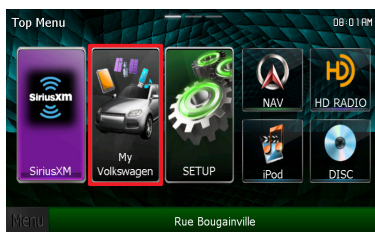
#### Using Kenwood Bluetooth for Calls

To use the Kenwood Bluetooth for calls it is important to delete all pairings to VW Bluetooth from your phone.

The VW Bluetooth system will be inoperable and the voice and telephone functions of the steering wheel buttons can be assigned to control the Kenwood radio. The Kenwood provided microphone will be used for phone calls.

# USING YOUR FACTORY SYSTEMS *(Continued)*

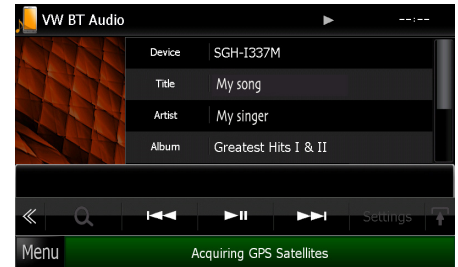
## HOW TO GET THERE:



## VW BT (Bluetooth) Audio

There are 2 types of VW Bluetooth Audio systems, and Maestro can retain either of them.

The **older system** will stream audio from a compatible Bluetooth device but audio metadata will be displayed on the radio **or** the MFD. Control of the Bluetooth device is not available from the aftermarket radio or the steering wheel controls. Control is available from the device itself or by using the voice command. This is a limitation of the VW Bluetooth system, not Maestro Rr or the Kenwood radio.



The **newer system** will stream audio from a compatible Bluetooth device, audio metadata will be displayed on the radio **and** on the MFD. Control of the Bluetooth is available from the radio touch screen, steering wheel controls, voice commands, or from the device itself.

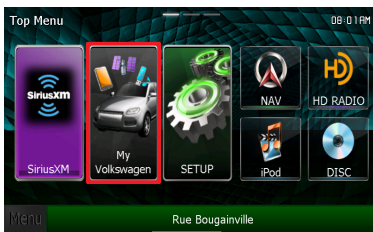
From the "VW BT Audio" screen, you can access typical media player controls such as "Play/Pause" and "Seek". Most of the advanced media library functions are not available when streaming over Bluetooth.

To access additional control buttons, press the arrows to the right of the button bar.

Radio buttons and Volkswagen Bluetooth Audio buttons are easy to differentiate. Volkswagen Bluetooth Audio buttons are labeled with only the first letter capitalized while Radio buttons labels are ALL CAPITALIZED.

# USING MAESTRO FEATURES

## HOW TO GET THERE:



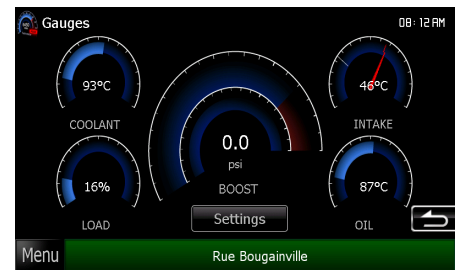
Maestro features can be accessed in the My Volkswagen submenu. If an icon is not active (grayed out) then it is not available in your vehicle or it was disabled when the Maestro module was programmed using Weblink. The options described here may not be available in your vehicle.

### Gauges

Press on Gauges to view the gauges that are selected. Press on the Settings button to select and configure gauges. In some radios, the gauge selection menu can be quickly accessed by pressing for two seconds the gauge you want to configure.

Gauges that are supported in your vehicle will be displayed in white text and unsupported gauges will be displayed in gray text. If a gauge is grayed out with a number next to it, that gauge is supported and is already assigned to another position on the screen. Some gauges have options that can be set. You will see these appear when you select a gauge that has options. In order to use some of the fuel economy gauges, you will need to enter your fuel tank capacity. This information can usually be found in your vehicle owner's guide.

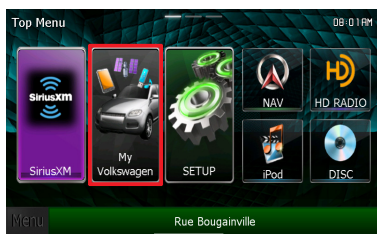
Some radios can display a needle or a bar on each gauge. If your radio supports this feature, a short press on the gauge will toggle between the needle and bar display.





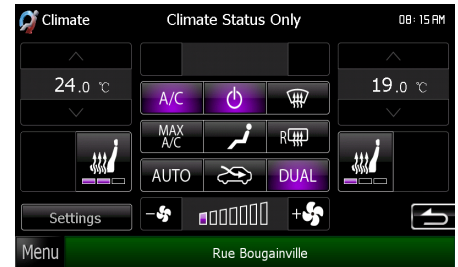
# USING MAESTRO FEATURES *(Continued)*

## HOW TO GET THERE:



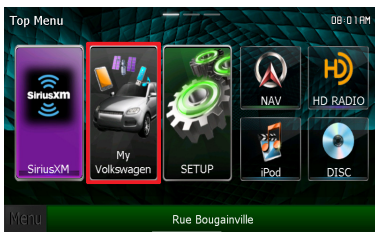
## Climate Status

In vehicles with the Volkswagen Climatronic system, the status of the system can be displayed on the radio screen. The climate screen is for information display only and the climate buttons on the touch screen will not control the system in the car. Press Settings to configure the displayed units and to turn this feature On or Off. Sometimes the climate screen will appear on its own for a few seconds; this is due to the fan speed automatically changing.



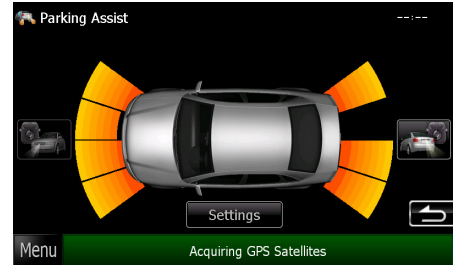
# USING MAESTRO FEATURES *(Continued)*

## HOW TO GET THERE:



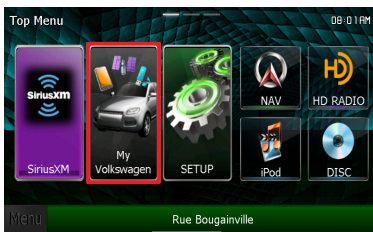
## Parking Assist

The Parking Assist screen is used to see the parking distance information from the Volkswagen parking assist system. The Parking Assist source button will only be available if your vehicle is equipped with a compatible factory parking sensor system. The Settings button can be used to display this screen automatically when the vehicle is in reverse or when the front parking sensors are active.



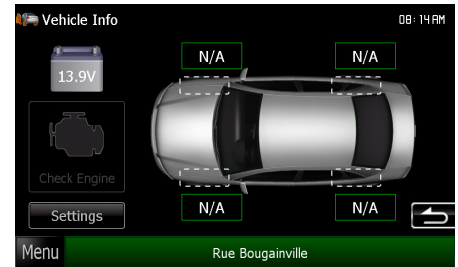
# USING MAESTRO FEATURES *(Continued)*

## HOW TO GET THERE:



### Vehicle Info

The Vehicle Info screen displays information about the vehicle such as battery voltage and open entry points. If the Check Engine light is On in the vehicle, the CHECK ENGINE button will become active. Press this button to see the active trouble codes and attempt to reset them. Press Settings to configure the alerts that can be generated. These alerts will cause the Vehicle Info screen to come up when certain conditions occur. TPMS (Tire Pressure Monitoring System) is not supported in Volkswagen vehicles.

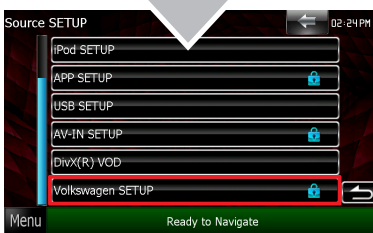
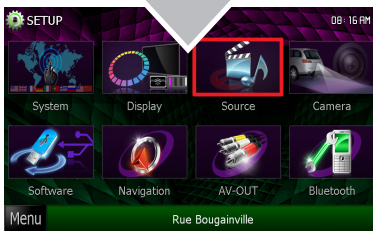
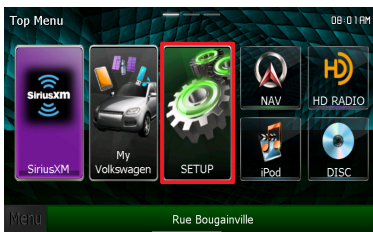


#### NOTES:

*The system will attempt to reset engine trouble codes when you press the Reset button, However, this will not correct a persistent problem. If the check engine light comes back On after a reset, the vehicle should be serviced by a qualified technician.*

# CHANGING THE SETTINGS

## HOW TO GET THERE:



## Maestro Module

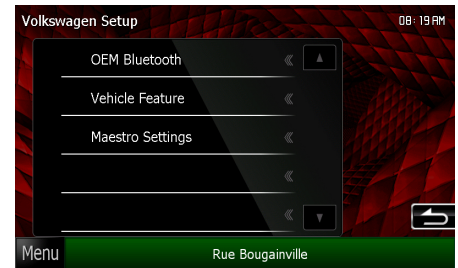
### Vehicle Features

#### Vehicle Info Settings

Turn the alerts for the Vehicle Info screen On or Off.

#### Amp Settings

Used to adjust the gain of the vehicle's amplifier and set speed compensated volume.



### Cluster Display Settings

Changes what is displayed on the MFD (Multi Function Display).

### Clear Airbag Indicator

Used after installation to clear any airbag indicator lights. These may have been created by powering up the vehicle without having the passenger airbag light plugged in.

**Warning: If the airbag indicator turns On after using this setting, there may be a serious fault in the airbag system. Have the vehicle serviced by a qualified technician.**

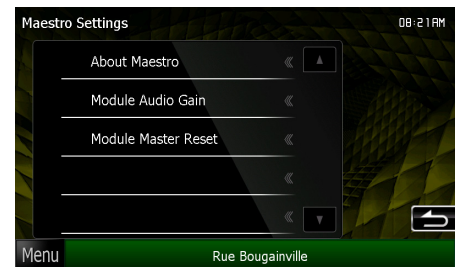
## Maestro Settings

### About Maestro

Displays information about the Maestro module and the firmware it has been programmed with.

### Module Audio Gain

Used to adjust the audio gain of the Maestro module. All audio that passes from the factory systems into the Maestro module will be affected by this setting.

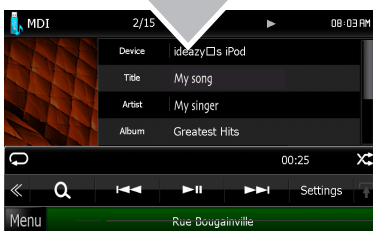
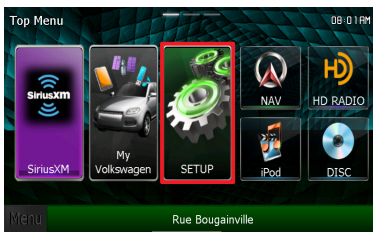


### Module Master Reset

Used to reset the Maestro module.

# CHANGING THE SETTINGS *(Continued)*

## HOW TO GET THERE:



### MDI Settings

#### Repeat Option

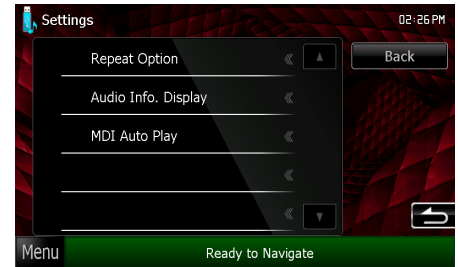
Determines what the repeat button will do. The choices are the same as those in the factory radio.

#### Audio Info Display

Selects the amount of audio information to be displayed on the MFD. Select Full to display all the available meta-data. Choose Simple to display only one line.

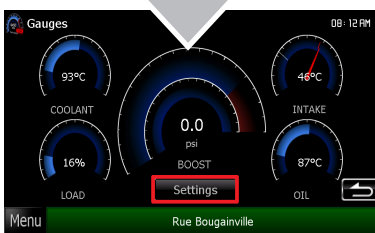
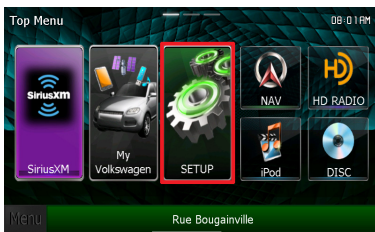
#### MDI Auto Play

This option sets the MDI to start playing automatically when a device is connected.



# CHANGING THE SETTINGS *(Continued)*

## HOW TO GET THERE:

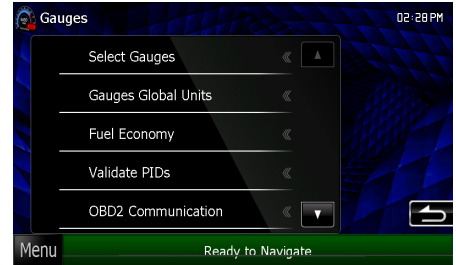


### Gauges Settings

These settings can be accessed as shown here or by pressing the Settings button on the Gauges screen.

#### Select Gauges

Used to assign gauges to the gauges screen. See the Gauges section of this guide for more details.



#### Gauges Global Units

Changes the units of all gauges to Metric or English system. However, the units of each gauge can be set individually in the settings option for that gauge.

#### Validate PIDs (Parameter Identifiers)

Queries the factory system to determine which gauges can be supported. This is done upon automatically when the module powers up. It is only required to be done manually if the module has been re-flashed.

#### OBD2 Communication Auto Disable (default)

The module will communicate with the vehicle's OBD2 system unless it detects another device. This may be a scan tool or aftermarket programmer connected to the vehicle.

#### Always Enabled

The module will communicate with the vehicle's OBD2 system even when a scan tool or aftermarket programmer is connected. However, some scan tools and aftermarket programmers will not function when this option is enabled.

#### Disabled

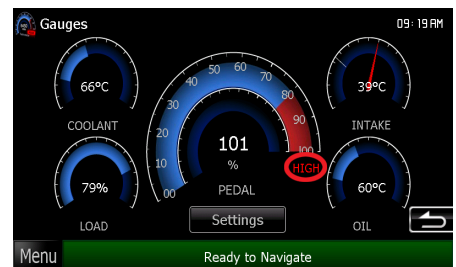
The module will not communicate with the vehicle's OBD2 system. This option applies when using a scan tool or aftermarket programmer that does not allow multiple connections at the same time.

#### Enabled on Demand

The module will only communicate with the vehicle's OBD2 system when the vehicle info or gauges screen is displayed. This is used in vehicles that issue a periodic vehicle health report through a factory system such as Sync or OnStar. However, applying this setting may cause the fuel economy calculations to be inaccurate.

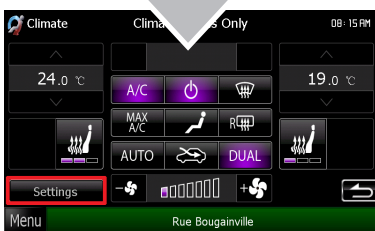
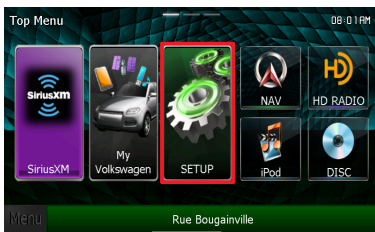
#### Center Gauge Warning Text

Allows the choice of displaying text when the center gauge reaches its peak.



# CHANGING THE SETTINGS *(Continued)*

## HOW TO GET THERE:

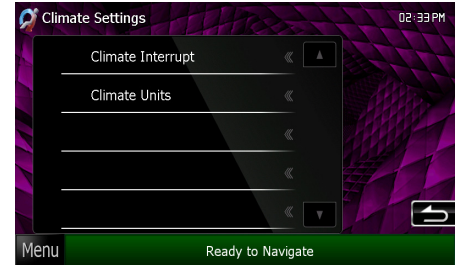


### Climate Settings

These settings can be accessed as shown here or by pressing the Settings button on the Climate screen.

#### Climate Interrupt

Enables or disables the automatic display of the Climate Status screen each time a change is made to the climate controls. If this feature is Off, the Climate Status screen will still be available by pressing on the Climate source button.

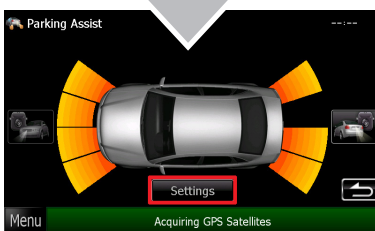
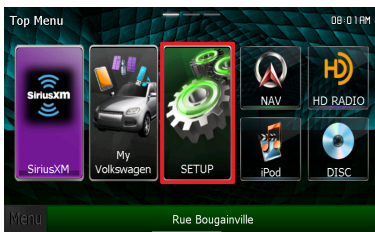


#### Climate Units (Imperial or Metric)

Changes the units of the Climate Status screen between Celsius and Fahrenheit.

# CHANGING THE SETTINGS *(Continued)*

## HOW TO GET THERE:



### Parking Assist Settings

These settings can be accessed as shown here or by pressing the Settings button on the Parking Assist screen.

#### Parking Assist Interrupt

Determines if the Parking Assist screen will be displayed automatically when the vehicle is in reverse.

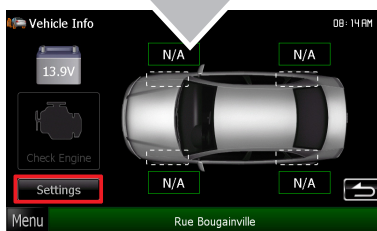
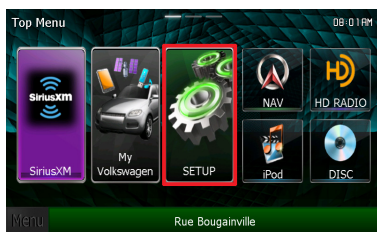
#### Distance Units (Imperial or Metric)

Changes the numeric distance display from feet to meters.



# CHANGING THE SETTINGS *(Continued)*

## HOW TO GET THERE:



### Vehicle Info Settings

These settings can be accessed as shown here or by pressing the Settings button on the Vehicle Info screen.

#### Tire Alert

This option is not available in Volkswagen vehicles.

#### Check Engine Alert

Enables the Vehicle Info screen to be displayed automatically when the check engine light turns On in the vehicle. The diagnostic codes can be read and cleared.

#### Door Alert

Enables the Vehicle Info screen to be displayed automatically if a door is opened or left open when the vehicle speed exceeds 5 mph or 8 km/h.

#### Clear DTCs (Diagnostic Trouble Codes)

This button will only be highlighted if the check engine light in the vehicle is On. This item will clear the light.

**Warning: If the check engine light turns On after using this setting, it may indicate serious problems with the engine. Have the vehicle serviced by a qualified technician.**