



What's New in Accessories

Subject: iPod® Satellite Adapter (ISA) kit
1K0051510A : Application Guide,
FAQs , and Restrictions

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Replaces:

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Dear VW Sales Professionals and Music Enthusiast:

Volkswagen of America is very excited to present to you, our exclusive iPod® Satellite Adapter (ISA) kit, part number 1K0051510A.

What is ISA?

The iPod® ISA adapter connects your iPod® to your Volkswagen radio system. This enables information and control commands to be exchanged between the playback unit and your factory radio.

Features and functions

The tracks stored in the iPod® can be played over the car's loudspeakers thanks to the direct connection between the iPod® and the radio.

The iPod® is controlled using the radio's controls and this enables the following functions to be used:

- Up to 250 playlists
- Each with up to 250 music titles
- SCAN function
- SHUFFLE function
- Controlling via the multi-function steering wheel 1)
- Displaying of the music title, artist and track number in the vehicle display 2)

Superior Quality

- Unlike many other systems on the market, the VW ISA uses Mil-Spec audio transformers that provide full range, superior quality audio performance. This can make a significant and noticeable improvement on the audio quality.

Quick overview 1K0051444 VS. 1K0051510A:

Features	STANDARD 1K0051444	ISA 1K0051510A
Recharging the Ipod Battery (12V iPod systems only)	Yes	Yes
Audio Mode	AUX	iPOD Mode
Playing of all tracks stored in the Ipod	YES	YES



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Features	STANDARD 1K0051444	ISA 1K0051510A
Playlist	5	Selection of more than 10 Playlist (using the CAT/FLD button of the Radio)
Swapping between the Playlist	Yes Only the 5 first playlist 6th Preset = All songs	Yes (More than 10 Playlist) You can navigate through songs and Playlist using the cat/folder up/down arrow to track up and track down
Radio display Artist name	No	Yes
Radio displays song name	No	Yes
Radio displays Playlist name	No	Yes
Fast FWD or Reversing within track	Yes	No
SCAN Mode	Yes	Yes
Random Play	Yes	Yes

Why VW ISA iPod® Adapter?

If you are in need of an upgraded, full function iPod® adapter, consider our newer accessory iPod® ISA (iPod® Satellite Adapter) kit part number 1K0051510A. The iPod® ISA works only with cars equipped with sat radio receivers SDARS (except Touareg), and **can** be used with a Volk-L Bluetooth kit. It **can** also be used in conjunction with the factory armrest iPod® adapters.

This iPod® adapter 1K0051444, is **not** compatible with vehicles equipped with Volk-L Hands-free Bluetooth kits 1K0051437. You would need to run a new ground for the iPod® kit and Volkswagen does not endorse this work around solution.



NOTE: iPod® adapter ISA kit 1K0051510A is not compatible with Premium 8, RNS310, and RNS510 radios. Always requires a vehicle with a factory installed Sirius or XM satellite radio option.



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TIP: This iPod® adapter is intended to be connected to VW Original Radio/Radio Navigation Systems with a SDARS system, and uses the same wiring and connector positions as the SDARS receiver.

Future modifications to the software version or the iPod® firmware might well result in different features and functions being used, which cannot be taken into consideration in this operation manual.

Vehicle application guide iPod® Satellite Adapter (ISA) kit1K0051510A (October 2008 update)

Model	Model Year(s)	Restrictions (SDRAS radio only)
EOS	2007 - 2009	Only with Premium 7 radio
Golf, GTI, R32 MK4	1999.5 - 2006	Not Available
Jetta/GLI MK5	2005.5 - 2009	Only with Premium 7 radio
Jetta/GLI MK4	1999.5 - 2005	Not Available
New Beetle	2003 - 2005	Only with Premium 5.5 radio
New Beetle GP	2006 +	Only with Premium 5.5 radio
Passat PQ45	1998 - 2005	Not Available
Passat PQ46	2006 - 2009	Only with Premium 7 radio
Passat CC	2009	Only with Premium 7 radio
Phaeton LWB		Not Available
Rabbit	2006.5 - 2009	Only with Premium 7 radio
Routan		Not Compatible
Tiguan	2009	Only with Premium 7 radio
Touareg	2004 - 2007	Not Available
Touareg	2008 - 2009	Not Available

Frequently Asked Questions:

Q: Can the iPod® ISA be installed on cars without Satellite Radio Receivers (SDARS)

A: No. The iPod® ISA uses the factory connectors associated with SDARS.

Q: Why can't I manually use my iPod® controls to select play lists and/or individual songs when it is plugged into the adapter?

A: To prevent driver distraction, controls on the iPod® are locked out when connected to the radio. Features such as next track, previous track, and shuffle can be navigated through the radio or steering wheel controls.

Q: Do the song and artist titles appear on the radio display screen?

A: YES



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Q: What is the expected response time between turning on the radio and the iPod® taking action?

A: It can vary between 1 to a few seconds.

Q: Will the iPod® get charged while plugged into the vehicle?

A: The iPod® will get charged when the ignition is in the ON or Run position. However, for iPhone 3G and newer iPod products launched after July 2008, you must purchase at additional cost, 12V to 5V step downs, from premium suppliers such as Scosche®. At time of writing, they are offering a product called passport charging adapter for the iPhone 3G® and the latest iPod® models <http://www.scosche.com/passport>.

Q: Will I still be able to use my satellite radio when I have the iPod® adapter installed?

A: Yes, its operation is not impacted.

Q: I have an external CD changer, factory installed iPod adapter, or Aux jack. Will I still be able to use these once the iPod® ISA 1K0051510A adaptor is installed?

A: Yes, their operation is not impacted.

Q: How long should it take to install the iPod® ISA adapter, and do you need to remove anything?

A: The iPod® adapter can be installed in approximately an hour, and connects directly to your satellite radio receiver. Cables will need to be routed under your side trim panels.

Q: Where can I find instructions to install an iPod ISA adapter:

A: Multi lingual installation instructions are available on ETKA 7.1+, Special Catalogs Accessories. Model specific examples can be accessed via Service Net.

Q: What model of iPod® does the adapter work with?

A: The models are: iPod® 3, 4, 5, iPod Mini®, iPod Nano®, Nano3, Classic 80/160GB, iPod Touch, and iPod® Photo®. **Note: The iPod® Shuffle®, and iPhone® are not compatible. See NOTE below for further informations.**

Q: Where can I get more information on the features of the iPod® ISA?

A: The owners manual are available on ETKA 7.1+, Special Catalogs Accessories.



PRODUCT CHARACTERISTIC NOTICE:

Apple has changed for new iPods generation starting with their launches last summer in July, to charging systems termed as USB Vbus at 5 volts instead of 12 volts. (12V charging = Firewire, 5V charging = USB). All models going forward we expect they will only support 5V charging.

This means that iPod® ISA adapter 1K0051510A & normal Adapter 1k0051444 won't be able to charge the battery of these new iPod® products. This change impacts similar solution in the market for competitors. All other audio and iAP functionality will still be available

There is NO impact on vehicles with Volkswagen's new MDI as it uses the USB 5V charging.



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Here is how products on the market are impacted:

- 1) iPhone 3G - Will operate as normal, but will not charge.
- 2) iPhone 2G - Will operate as normal, uses +12v
- 3) iPod Touch 2G - Will operate as normal, but will not charge.
- 4) 1st generation iPod touch - Will operate normal, uses +12v
- 5) iPod nano 4G. Will operate as normal, but will not charge. This new nano only has +5v charging.
- 6) New iPod - Will operate as normal, classic still has +12v charging.
- 7) All previous iPod products - Will operate as normal

These new conditions are product characteristics, and not Warrantable conditions! Do not file claims on these VW accessories, when they are being used in conjunction with these new generations of Apple products.

In order to charge new iPods when in use with these VW Accessories, consumers must purchase at additional cost, 12V to 5V step downs, from premium suppliers such as Scosche®. At time of writing, they are offering a product called passport charging adapter for the iPhone 3G® and the latest iPod® models
<http://www.scosche.com/passport>.

The purchase of this adapter cannot be claimed on Warranty!

Q: If my vehicle is equipped with steering wheel controls, will I be able to seek up and down or mute like with my normal CD player?

A: Yes.

Q: What is the warranty on the VW iPod® adapter?

A: If delivered at point of purchase of your new VW vehicle, it is covered by the duration of new car limited warranty. Otherwise, it is covered by a 12 month/12,000 mile/20,000 Kilometer limited warranty.



NOTE:

- iPod® ISA 1K0051510A will not impact the operation of your Aux jack if so equipped.
- If the car has a P7 radio with a Sat radio receiver, we would recommend installing a 1K0051510A iPod® adapter kit, over the Original 1K0051444 iPod® adapter kit
- Volk-L 1K0051437/1k0051437A Bluetooth kits can be attached to cars with factory arm rest iPod adapter, and the iPod® ISA 1K0051510A adapter or factory/accessory MDI box equipped vehicles.
- Volk-L 1K0051437/1k0051437A Bluetooth kits cannot be used in conjunction with 1k0051444 iPod® adapters. You would need to run a new ground for the iPod® kit and Volkswagen does not endorse this solution.
- If the car has a P7 radio with a Sat radio receiver, we would recommend installing a 1K0051437/1k0051437A Bluetooth kit and 1K0051510A iPod® kit

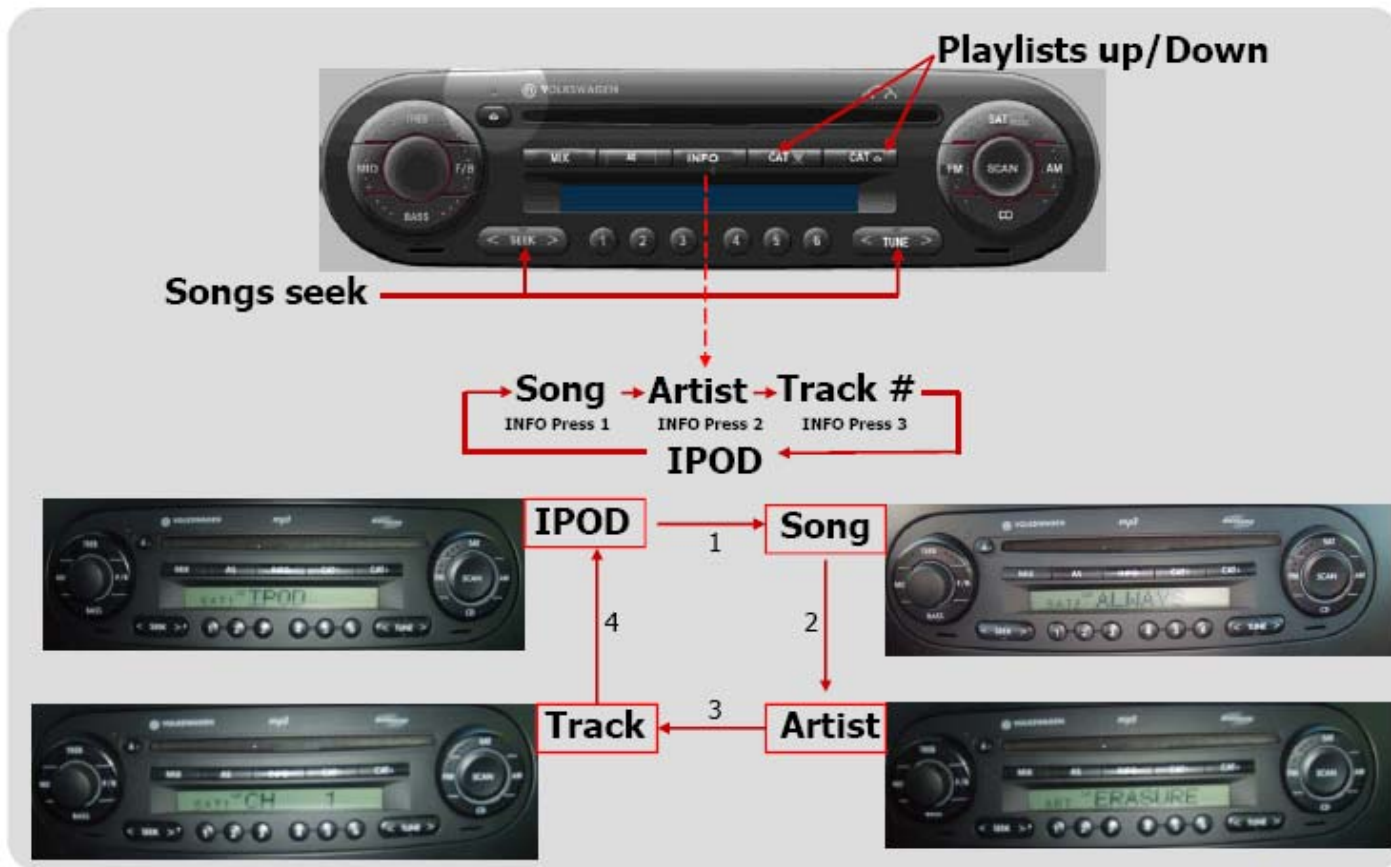
1) not available for all multi-function steering wheels 2) not with all displays



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Appendix A – Reference Guide/Features

ISA and Radio 5.5





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ISA and Premium 7 Radio

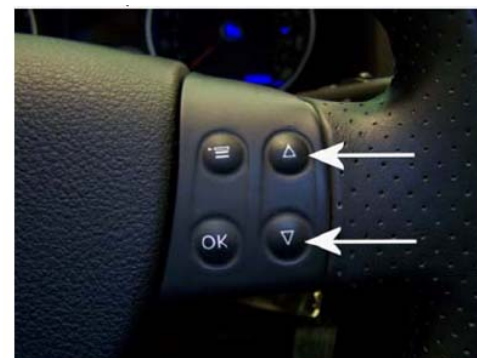


Image 2 – Track Buttons

Swapping between Playlists
Swapping between Songs



Bi-directionally

PLAYALL (Created by ISA)
Playlist #1 (250 songs limit)
Playlist #2 (250)
...
...
Playlist #250 (250)
Shuffle (created by ISA)

Cautions & Warnings

Please read these WARNINGS and CAUTIONS before proceeding with maintenance and repair work. You must answer that you have read and you understand these WARNINGS and CAUTIONS before you will be allowed to view this information.

- If you lack the skills, tools and equipment, or a suitable workshop for any procedure described in this manual, we suggest you leave such repairs to an authorized Volkswagen retailer or other qualified shop. We especially urge you to consult an authorized Volkswagen retailer before beginning repairs on any vehicle that may still be covered wholly or in part by any of the extensive warranties issued by Volkswagen.
- Disconnect the battery negative terminal (ground strap) whenever you work on the fuel system or the electrical system. Do not smoke or work near heaters or other fire hazards. Keep an approved fire extinguisher handy.
- Volkswagen is constantly improving its vehicles and sometimes these changes, both in parts and specifications, are made applicable to earlier models. Therefore, part numbers listed in this manual are for reference only. Always check with your authorized Volkswagen retailer parts department for the latest information.
- Any time the battery has been disconnected on an automatic transmission vehicle, it will be necessary to reestablish Transmission Control Module (TCM) basic settings using the VAG 1551 Scan Tool (ST).
- Never work under a lifted vehicle unless it is solidly supported on stands designed for the purpose. Do not support a vehicle on cinder blocks, hollow tiles or other props that may crumble under continuous load. Never work under a vehicle that is supported solely by a jack. Never work under the vehicle while the engine is running.
- For vehicles equipped with an anti-theft radio, be sure of the correct radio activation code before disconnecting the battery or removing the radio. If the wrong code is entered when the power is restored, the radio may lock up and become inoperable, even if the correct code is used in a later attempt.
- If you are going to work under a vehicle on the ground, make sure that the ground is level. Block the wheels to keep the vehicle from rolling. Disconnect the battery negative terminal (ground strap) to prevent others from starting the vehicle while you are under it.
- Do not attempt to work on your vehicle if you do not feel well. You increase the danger of injury to yourself and others if you are tired, upset or have taken medicine or any other substances that may impair you or keep you from being fully alert.
- Never run the engine unless the work area is well ventilated. Carbon monoxide (CO) kills.
- Always observe good workshop practices. Wear goggles when you operate machine tools or work with acid. Wear goggles, gloves and other protective clothing whenever the job requires working with harmful substances.
- Tie long hair behind your head. Do not wear a necktie, a scarf, loose clothing, or a necklace when you work near machine tools or running engines. If your hair, clothing, or jewelry were to get caught in the machinery, severe injury could result.
- Do not re-use any fasteners that are worn or deformed in normal use. Some fasteners are designed to be used only once and are unreliable and may fail if used a second time. This includes, but is not limited to, nuts, bolts, washers, circlips and cotter pins. Always follow the recommendations in this manual - replace these fasteners with new parts where indicated, and any other time it is deemed necessary by inspection.

Cautions & Warnings

- Illuminate the work area adequately but safely. Use a portable safety light for working inside or under the vehicle. Make sure the bulb is enclosed by a wire cage. The hot filament of an accidentally broken bulb can ignite spilled fuel or oil.
- Friction materials such as brake pads and clutch discs may contain asbestos fibers. Do not create dust by grinding, sanding, or by cleaning with compressed air. Avoid breathing asbestos fibers and asbestos dust. Breathing asbestos can cause serious diseases such as asbestosis or cancer, and may result in death.
- Finger rings should be removed so that they cannot cause electrical shorts, get caught in running machinery, or be crushed by heavy parts.
- Before starting a job, make certain that you have all the necessary tools and parts on hand. Read all the instructions thoroughly; do not attempt shortcuts. Use tools that are appropriate to the work and use only replacement parts meeting Volkswagen specifications. Makeshift tools, parts and procedures will not make good repairs.
- Catch draining fuel, oil or brake fluid in suitable containers. Do not use empty food or beverage containers that might mislead someone into drinking from them. Store flammable fluids away from fire hazards. Wipe up spills at once, but do not store the oily rags, which can ignite and burn spontaneously.
- Use pneumatic and electric tools only to loosen threaded parts and fasteners. Never use these tools to tighten fasteners, especially on light alloy parts. Always use a torque wrench to tighten fasteners to the tightening torque listed.
- Keep sparks, lighted matches, and open flame away from the top of the battery. If escaping hydrogen gas is ignited, it will ignite gas trapped in the cells and cause the battery to explode.
- Be mindful of the environment and ecology. Before you drain the crankcase, find out the proper way to dispose of the oil. Do not pour oil onto the ground, down a drain, or into a stream, pond, or lake. Consult local ordinances that govern the disposal of wastes.
- The air-conditioning (A/C) system is filled with a chemical refrigerant that is hazardous. The A/C system should be serviced only by trained automotive service technicians using approved refrigerant recovery/recycling equipment, trained in related safety precautions, and familiar with regulations governing the discharging and disposal of automotive chemical refrigerants.
- Before doing any electrical welding on vehicles equipped with anti-lock brakes (ABS), disconnect the battery negative terminal (ground strap) and the ABS control module connector.
- Do not expose any part of the A/C system to high temperatures such as open flame. Excessive heat will increase system pressure and may cause the system to burst.
- When boost-charging the battery, first remove the fuses for the Engine Control Module (ECM), the Transmission Control Module (TCM), the ABS control module, and the trip computer. In cases where one or more of these components is not separately fused, disconnect the control module connector(s).
- Some of the vehicles covered by this manual are equipped with a supplemental restraint system (SRS), that automatically deploys an airbag in the event of a frontal impact. The airbag is operated by an explosive device. Handled improperly or without adequate safeguards, it can be accidentally activated and cause serious personal injury. To guard against personal injury or airbag system failure, only trained Volkswagen Service technicians should test, disassemble or service the airbag system.

Cautions & Warnings

- Do not quick-charge the battery (for boost starting) for longer than one minute, and do not exceed 16.5 volts at the battery with the boosting cables attached. Wait at least one minute before boosting the battery a second time.
- Never use a test light to conduct electrical tests of the airbag system. The system must only be tested by trained Volkswagen Service technicians using the VAG 1551 Scan Tool (ST) or an approved equivalent. The airbag unit must never be electrically tested while it is not installed in the vehicle.
- Some aerosol tire inflators are highly flammable. Be extremely cautious when repairing a tire that may have been inflated using an aerosol tire inflator. Keep sparks, open flame or other sources of ignition away from the tire repair area. Inflate and deflate the tire at least four times before breaking the bead from the rim. Completely remove the tire from the rim before attempting any repair.
- When driving or riding in an airbag-equipped vehicle, never hold test equipment in your hands or lap while the vehicle is in motion. Objects between you and the airbag can increase the risk of injury in an accident.

I have read and I understand these Cautions and Warnings.

