

BIKEMP3
Audio, Lighting & Communication Products

EVOLUTION CB RADIO



**Installation
2001-2010**

PLEASE READ

Before You Begin

Please be confident that you have the necessary skills to install this product, installation is just a matter of locating and using connectors already present on your motorcycle this will require the removal and reinstallation of trim panels and other parts, The rider's safety depends upon the correct installation of this product. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, or you are in doubt about any aspect of this installation please consult a Honda trained technician.

You undertake the installation of this product at your own risk BikeMP3.com, EV01A.com or the owners thereof cannot be held responsible for any fatality, injury, loss or damage however caused during the installation of this product.

Not To Be Used As A Method Of Primary Communication

This system is designed for leisure purposes only and is not suitable for use as a primary means of communication where a risk to life may exist, BikeMP3 or it's owners do not offer or imply any performance guarantee with regard to this system, you should always carry an separate primary means of communication with you such as a cell phone for use in emergencies.

The system is designed to operate only with the engine of the motorcycle running, optimal performance cannot be guaranteed when used just on the motorcycle battery as the system may not receive sufficient power to operate.

Electrical Safety Notice

Working around electricity is dangerous please familiarize yourself with the manufacturers instructions for making your vehicles electrical system safe to work on, at minimum you should disconnect your battery and all other power sources before you begin, Please consult your motorcycle owners manual before you begin.

It is possible to overload your motorcycle's charging system by adding too many electrical accessories. If your combined electrical accessories operating at any one time consume more electrical current than your vehicle's charging system can supply, the electrical consumption may discharge the battery and cause damage to the vehicle electrical system. If in doubt consult a Honda dealer.

Adding this system may require as much as 2 amps of additional current from your electrical system, be certain not to exceed the maximum amperage rating of the fuse or circuit breaker protecting the circuit being modified. Exceeding the maximum amperage can lead to electrical failures, which could result in death or serious injury.

Airbag Safety Notice

Airbags can cause serious injury or even fatalities, Never attempt to work on a vehicle equipped with an airbag without first conducting all the necessary steps to safely work near the airbag system as detailed by your vehicle manufacturer.

If your motorcycle is fitted with an airbag you should not attempt this installation without first consulting a trained Honda service professional who can confirm if your airbag has been made safe.

BikeMP3 INC, BikeMP3.com, EV01A.com or the owners thereof cannot be held responsible for any fatality, injury or damaged caused by airbag deployments during the installation of our products however caused.

Thank you for purchasing this product every care has been taken to ensure this product will give years of reliable service, However should you have any problems with the product or installation, service questions please contact us at.....

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First Steps

IT IS ESSENTIAL THAT YOU DO NOT RUN ANY CB ANTENNA WIRES IN CLOSE PROXIMITY TO ANY OF THE HEADSET CABLES

Non-Airbag Models

Installation of the communication system requires that you access the 13 pin CB connector located at the end of a cable under the right side of the radio (Fig 1) and a 3 pin power connector located under the passenger seat (Fig 2)

Please follow the manufacturers instructions for removal of the seat and the top shelter particular to your model, in many cases the top shelter need not be completely removed and access to the CB connector can be made from the right hand side once the top shelter fixings have been removed.

2006-2010 Airbag Models

Installation of the communication system requires that you access the same 13 pin CB connector however in the case of airbag equipped models this is located below the right side fairing air vent (which must be removed) to the rear of the radiator and again the same 3 pin power connector located under the passenger seat (Fig 2)

Please follow the manufacturers instructions for removal of the seat and any body panels required particular to your model, in many cases on 2001-2010 models the top shelter need not be completely removed and access to the CB connector can be made from the right hand side once the top shelter fixings have been removed.

Prepare the trunk

To allow the routing of the system cabling you will need to drill a suitable size hole to allow the smaller cable connector to pass through in the base of the rear trunk at the factory marked location (Fig 3) we recommend that you remove the trunk to allow room to do this although it is possible to do it without removal but care must be taken to avoid damage to the surrounding area. If you want to remove the trunk to conduct this step please refer to the manufacturers instructions on how to do this, trim to size and test fit the supplied grommet to ensure a weather tight seal.

The EV01A unit installation

The unit has several connections depending on the configuration you purchased, however all units will have the main system cable with the 13 pin CB connector and the 3 pin power connections this connects to the system connector on the EV01A unit (Fig 3)

1. Starting from under the seat route the main connector through the hole that you drilled in the previous step, at this stage if you are running a cable for a GPS you should route it through the same hole.
2. Route the 13 pin connector to the front of the bike, take care to go under frame rails and avoid any location where the cable may become trapped.
3. You can now plug the EV01A connector into the motorcycle CB connector.
4. Locate and connect the 3 pin motorcycle power connection in the black rubber boot located behind the main relay cluster on the right hand side of the motorcycle (Fig 2).
5. At this time you can route any cables to your GPS or radar detector etc.
6. If you do not need to install a new antenna you can now reassemble the top shelter and seat as per the manufacturers instructions.
7. Firmly plug the system connector into the EV01A unit.
8. If not already done split the grommet and place it around the cables test fit it in the hole this will need to be a tight fit you will need to trim the grommet to suit the number of cables used on your particular installation and the hole.
9. Ensure the base of the trunk is clean and place the EV01A unit in the CB well of the trunk , you may use some fixing tape but this is not necessary.

Antenna Connection

A short antenna fly lead is provided for connection to the standard OEM style CB antenna, the cable should be securely screwed to the antenna connection on the CB.

GPS Connection

The 3.5 audio connection next to the main system connector on the Evolution unit audio connection is provided for use with a GPS please consult your GPS manual for the correct method of connection and use, a radar detector or similar can be used on this connection, please note this input is not suitable for music as it holds open the CB circuit and other sources will not be heard.

Second Radio Connection *(if present)*

A silver Hirose connector will be located next to the main system connector on the Evolution unit is for connecting to the second radio cable, locate your radio in the trunk please consult your radio manual for the correct method of connection and use, this connection integrates PTT and audio functions only, all other functions must be performed on the radio itself.

Using The EV01A CB System

The EV01A system basics are the same as the OEM CB please refer to the separate CB users manual for the basic use of the CB radio, please obey all warnings and advisories on the use of the system while riding.

Using The EV01A Second Radio Option

To switch between CB and second radio modes just apply 3 fast presses on the PTT switch on the handlebars, the channel display will change from displaying a channel number from CH1-CH40 when in CB mode to displaying CH0 when in second radio mode.

ANTENNAS

WARNING Under no circumstances should the CB unit be operated without the correct antenna connected this will cause damage to the transmitter and will void the unit warranty.

Correct grounding & SWR tuning of the antenna is critical to the efficient functionality of the system, damage may occur to the transceiver if this is not correct such damage is specifically not covered under the warranty.

ENGINE NOISE

In the rare event you experience any engine noise while using the Evolution unit please go to WWW.EVOLUTIONCBRADIO.COM and use the “ORDER FILTER” link to have a free unit sent to you, this unit just plugs into the power cable.

WARRANTY

This unit has a ONE YEAR WARRANTY for the original purchaser from date of PURCHASE, Please consult the BikeMP3.com website for full terms and conditions.

FIG 1



FIG 2

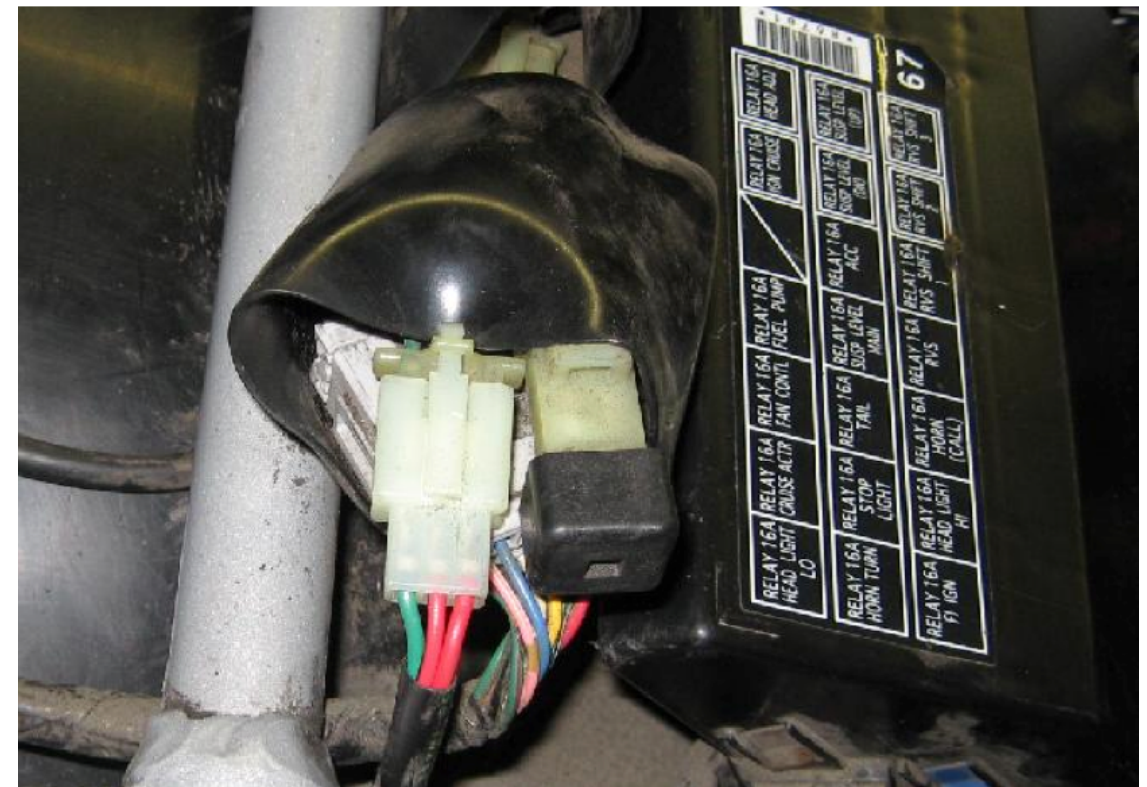


FIG 3



FIG 4

