

Click on a link
tab to jump to
that page

Cover
Page

Before
You Begin

Remove
& Install

Wire
New Radio

Mount
New Radio

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Factory Radio



Other Documents Available For This Vehicle:

No documents available at this time

New Radio

and radio dash installation kit



Adobe Acrobat Reader Printing Tips:

- 1) Select "**FILE**" then "**PRINT**" and select your printer.
- 2) In the print options box do the following:
 - A) Locate check box "**Shrink to Fit**". Place check in box.
 - B) Locate box "**Print Quality**". Select highest print dpi allowed by printer.
 - C) If print quality listed is not as high as that printers normal quality, press the "**SETUP..**" button. In the next screen, press the "**PROPERTIES**" button and set the printers print quality to the highest print dpi allowed.

Document Revision History

09/99 Document Creation

Click on a link tab to jump to that page

Cover Page

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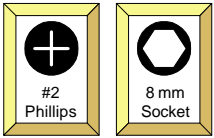
Overview Of This Radio Install

Step	What Section To Go To
Remove old radio from dash	Remove & Install
Wire the new radio	Wire New Radio
Mount the new radio	Mount New Radio
Finishing the installation	Remove & Install

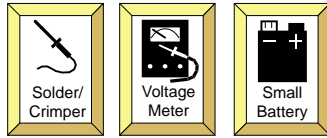
Parts Needed For This Radio Install

Parts REQUIRED for the install	Description
Dash installation kit	Multi purpose Honda/Acura
Snap on in dash wire harness	Honda 86 and newer
Optional parts for this install	
None	

Tools Needed To Complete This Install



Hand tools needed to remove radio



Accessory tools needed to test and wire the new radio

PLUS: Wire ties or electrical tape: to neatly bundle and organize your wires for a professional appearance.

! TOOL TIPS:

Small Battery: use a battery to test speaker wires. Touching the (+) positive and (-) negative battery leads to a pair of speaker will cause the speaker to make a "Pop" sound indicating that pair of wires goes to that speaker.
Voltage Meter: Always check +12 Volt power wires for voltage before making wire connections. These wires will fluctuate between 10 and 14 Volts.
Solder Iron or Crimp Tool: make wire to wire connections using either a solder iron and electrical tape, OR plastic crimp terminals found at most hardware or auto parts stores.

Installation Difficulty Ratings

Easy. No advanced skills or specialty tools needed.
Basics. Simple tools required. Installs quickly.
Intermediate. Requires knowledge of tools, or disassembly of panels.
Advanced. Requires advanced tools, or extra time.
Difficult. Involves modifying or cutting of the installation area. Advanced tools and/or skills required. Best if performed by experienced installers.

Do It Yourselfers

Intermediate

Professional Installer

Intermediate

Support Information If You Need Help

Supplemental information if you need help

Document Title	Document #
Basic DC electronics for automotive applications	999001
Wire splicing: soldering vs. crimping	999004
Why use radio installation kits	999005
Mounting your radio to an installation kit	999007
Why use an optional snap on wire harness	999008
Wiring your new radio using a wire harness	999009
Testing wires when installing a new radio	999013

Click on a link
tab to jump to
that page

Cover
Page

Before
You Begin

Remove
& Install

Wire
New Radio

Mount
New Radio

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► Remove Factory Radio



STEP 1:

Locate and remove two (2) **Phillips screws** securing the top of the radio dash panel.

The 2 screws will be located between the air conditioner vents and the air conditioner controls.



STEP 2:

Pull the ashtray out of the dash.

Locate and remove two (2) **Phillips screws** hidden underneath the ashtray.



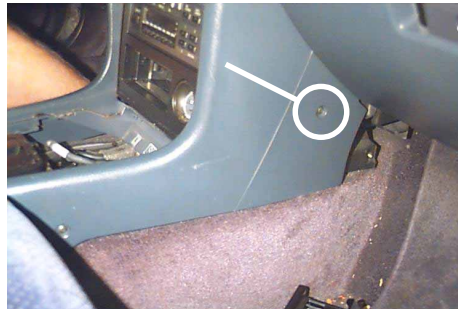
STEP 3:

The plastic panel surrounding the gear shift must be removed. This panel simply unsnaps upward from the rest of the center console. With a flat head screwdriver or other flat object, gently pry up the left corner closest to the emergency break. Once this corner is unsnapped, gently pull the panel upward to unsnap the rest of the clips.



STEP 4:

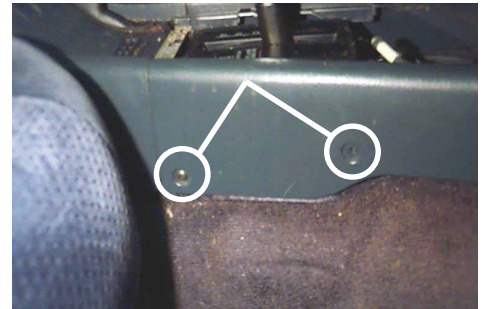
Once the plastic panel surrounding the gear shift has been removed, locate and remove two (2) **Phillips screws** securing the lower part of the black plastic dash panel.



STEP 5:

Locate and remove one (1) **Phillips screw** on the right side of the center console as shown in the photo.

Do the same for the left side.



STEP 6:

Locate and remove two (2) **Phillips screws** on the right side of the center console as shown in the photo.

Do the same for the left side.

Click on a link
tab to jump to
that page

Cover
Page

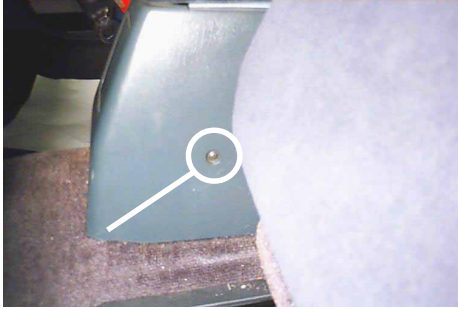
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& Install

Wire
New Radio

Mount
New Radio

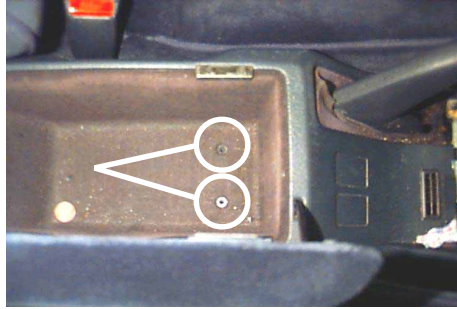
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STEP 7:

Locate and remove one **(1) phillips screw** on the REAR right side of the center console behind the passenger seat as shown in the photo.

Do the same for the left side.



STEP 8:

Locate and remove two **(2) phillips screws** inside the armrest of the center console.



STEP 9:

Once all the screws have been removed, the center console can be pulled away from the dash. Move the gear shift back so the center console can slide away from the dash.

WARNING: the center console looks like 2 individual pieces but is actually screwed together to make one solid center console and should be removed as one single console.



STEP 10:

Once the center dash console is pull away from the radio, the screws securing the radio become visible.

Locate and remove four **(4) phillips screws**, two (2) on each side of the radio that are screwed into the plastic assembly surrounding the radio.



STEP 11:

To remove the radio, the entire black plastic assembly containing the radio and cigarette lighter must be removed. Pull the black plastic assembly away from the dash.

Unplug the antenna cable from the radio. Unplug the radios wire harness connector from the rear of the radio. Unplug the cigarette lighter power wire connector from the back of the cigarette lighter. Unplug any other connectors attached to the black plastic assembly.

The completed removal of the radio should look like the photo above.



► **Wiring The New Radio**

Move to: **Wire New Radio Section**

► **Mounting The Radio To A Kit**

Move to: **Mounting New Radio Section**

Click on a link
tab to jump to
that page

Cover
Page

Before
You Begin

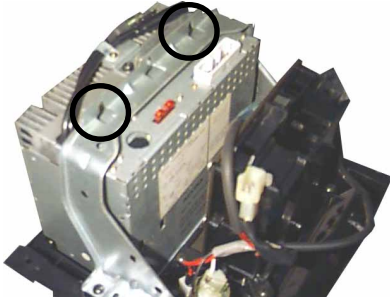
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Wire
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Mount
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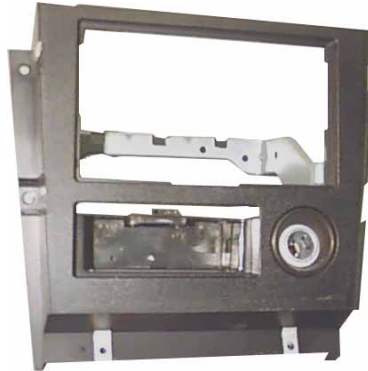
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▶ Completing The Radio Installation



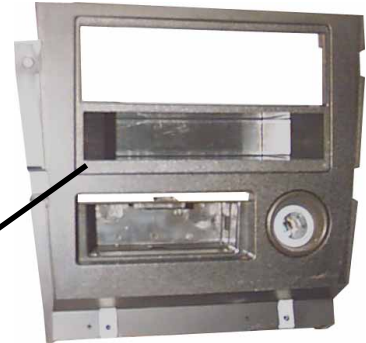
STEP 1:

The Acura radio must be removed from the vehicles plastic dash panel assembly. Locate and remove two (2) two phillips screws (some vehicles may use two (2) 8 mm bolts) securing the rear of the radio to the metal frame attached to the dash panel.



STEP 2:

Once the radio is removed the vehicles dash panel should look like the picture above. Notice the large opening in the dash that must be filled before installing the new, smaller replacement radio.

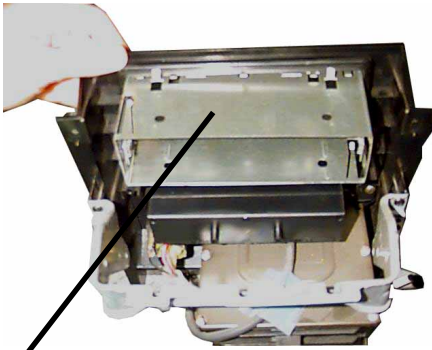


Radio installation kit (this particular kit is designed with a pocket/tray located below the radio opening)

STEP 3:

Fit the radio installation kit into the dash panel.

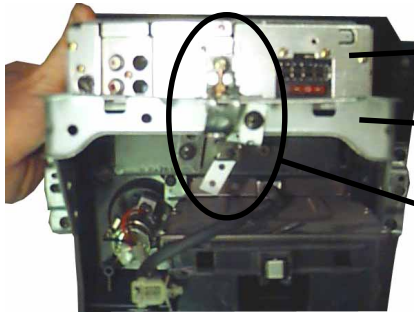
(read notes at STEP 5 below detailing how the radio installation kit may have a problem attaching to the vehicles dash)



'DIN' cage of the new radio

STEP 4:

Slide the new radios 'DIN' cage into the radio installation kit. Bend the tabs of 'DIN' sleeve behind the plastic of the vehicles dash panel. This will partially secure the top of the kit to the vehicles dash panel.



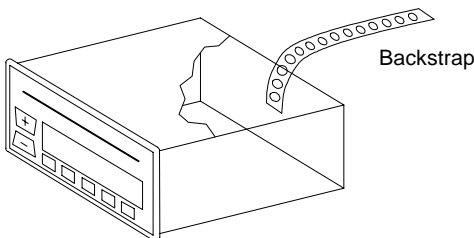
Back of new radio

Metal frame bracket attached to the vehicles dash panel

"Backstraps" used to secure the new radio and the pocket of the radios installation kit to the metal frame bracket

STEP 5:

At the time this document was created, there was no known radio installation kit specifically designed to be used for Acura Legends. Every kit The Install Doctor has evaluated is a "multi" kit designed to be used with the majority of Honda and Acura vehicles. These kits are designed with plastic snaps located on the sides, top, and bottom of the kit which secure the kit to the dash. None of these snaps on any kit The Install Doctor has used is designed to work with the Acura Legend. These kits DO fit the opening of the Legend perfectly, but the snaps must be removed so that the kit will fit flush into the opening. Because the snaps must be cut off, the kit cannot stay attached to the dash of the vehicle. In the photos above, The Install Doctor had to use radio "backstraps" (thin, long strip of metal with holes in it) included with the new radio to secure the radio to the metal frame bracket of the vehicles dash panel. Once the 'DIN' sleeve is mounted to the kit, the radio can be slid into the 'DIN' sleeve. Once the radio snaps into the 'DIN' sleeve, a "backstrap" can be screwed to the rear of the new radio and, with a little creativity, the "backstrap" can be bent around the metal frame bracket attached to the vehicles dash panel and then secured by screwing a sharp pointed screw through a hole in the "backstrap" into the metal frame bracket. To secure the lower part of the kit, a second backstrap can be screwed into the pocket of the radios installation kit, then screwed into the same metal bracket attached to the vehicles dash panel.



Backstrap

Click on a link
tab to jump to
that page

Cover
Page

Before
You Begin

Remove
& Install

Wire
New Radio

Mount
New Radio

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STEP 6:

Once the radio and radio installation kit have been secured to the black plastic dash assembly the entire assembly can be mounted back into the dash.

Connect all connectors that were originally attached to the rear of the black plastic dash assembly. Connect the antenna cable to the new radio. Make sure all wires for the new radio have been connected and connect any connectors to the new radio.



STEP 7:

Reattach the center console in reverse order that it was removed.

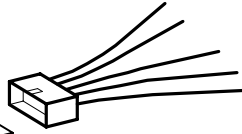
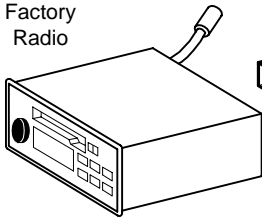
The Installation Is Now Complete

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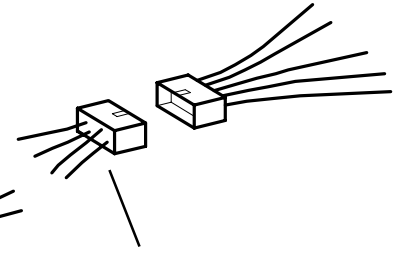
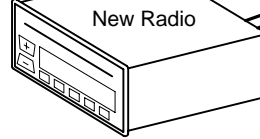
Step By Step Wiring

Page 1 of 2

Auto Makers
Factory
Radio



Wire Harness Inside Vehicles
Dash Which Plugs Into The
Rear Of The Factory Radio



Optional (STRONGLY
RECOMMENDED) Snap On Wire
Harness That Splices Into The
Wires Of The New Radio

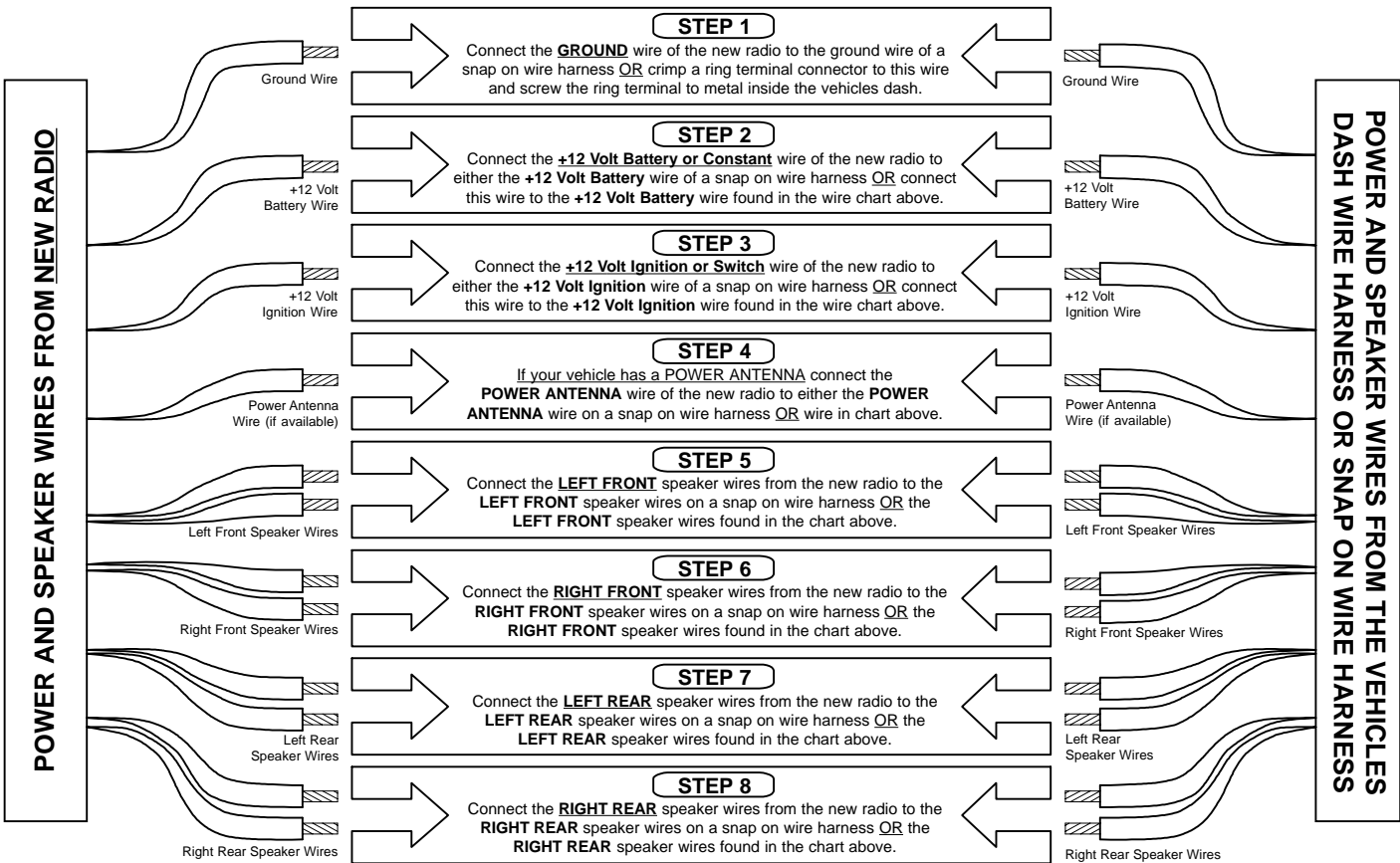
(Note: the radio shown is for display purposes and may not be similar in size or dimensions than the auto makers factory radio in your vehicle)

Supplemental information if you need help

Document Title	Document #
Testing wires when installing a new radio	999013
Why use an OEM snap on wire harness	999008
Wiring your new radio using a wire harness	999009
Wire splicing: soldering vs. crimping	999004

Wiring Instructions:

The power and speaker wires needed to connect the new radio are attached to the connector of the wire harness located inside the vehicles dash. The Install Doctor **STRONGLY** recommends using an optional snap on wire harness that is specifically designed to snap into the vehicles dash wire harness connector. This will keep you from cutting the vehicles wires. This optional snap on wire harness will have wires on the opposite side of the connector that will allow you to splice these wires to the new radios wires. The only other option is to cut off the vehicles dash wire harness connector and splice the new radios wires directly to these wires. The optional snap on wire harness takes all the guess work out of trying to figure out what each wire is in the vehicles dash wire harness. The optional snap on wire harness shows you what each wire is.



Click on a link
tab to jump to
that page

Cover
Page

Before
You Begin

Remove
& Install

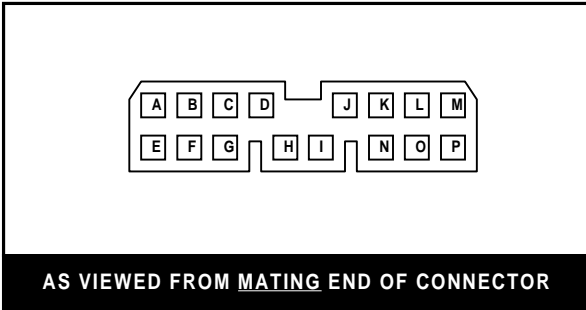
Wire
New Radio

Mount
New Radio

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▶ Radio Wire & Color Code Information

Factory in-dash wire harness that snaps into the factory radio.



Pin	What It Is	Typical Honda/Acura In Dash Wire Color	"Typical" New Radio Equivalent Wire Color
A	Right Rear Spkr (+)	Red w/ Yellow Stripe	Purple
B	Left Rear Spkr (+)	Blue w/ Yellow Stripe	Green
C	Power Antenna Trigger	Brown w/ White Stripe	Blue or Blue w/ Wht Stripe
D	+12 Volt Ignition Wire	Brown w/ Red Stripe	Red
E	Right Rear Spkr (-)	Brown w/ White Stripe	Purple w/ Black Stripe
F	Left Rear Spkr (-)	Gray w/ White Stripe	Green w/ Black Stripe
G	Ground Wire	Black	Black
H		Do Not Use	
I		Do Not Use	
J	+12 Volt Battery Wire	Tan w/ Yellow Stripe	Yellow
K	Dash Light Dimmer Wire		Orange
L	Left Front Spkr (+)	Blue w/ Green Stripe	White
M	Right Front Spkr (+)	Red w/ Green Stripe	Gray
N		Do Not Use	
O	Left Front Spkr (-)	Gray w/ Black Stripe	White w/ Black Stripe
P	Right Front Spkr (-)	Brown w/ Black Stripe	Gray w/ Black Stripe

Note: using an optional snap on wire harness adapter will simplify the wiring. Most snap on wire harness adapters have already converted and color coded the wires from the auto makers in dash wire harness to match typical aftermarket radio wire colors.

Click on a link
tab to jump to
that page

Cover
Page

Before
You Begin

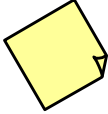
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& Install

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New Radio

Mount
New Radio

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▶ Mounting A Radio To A Kit



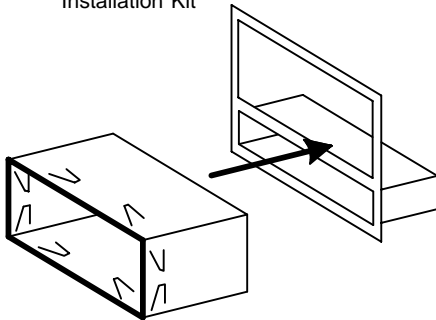
NOTE:

This vehicle requires a kit designed specifically for Honda/Acura vehicles.

All information needed to complete the mounting of the new radio to the installation kit is included on this sheet. If you need additional help, please consult the following tech documents:

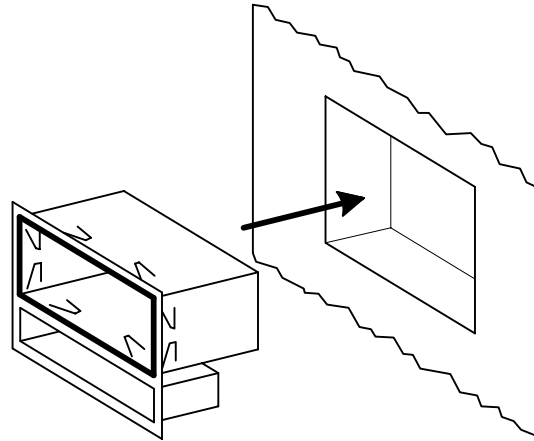
Document Title	Document #
Why use radio installation kits	999005
Mounting your radio to an installation kit	999007
Radio security	999010

Honda/Acura Radio
Installation Kit

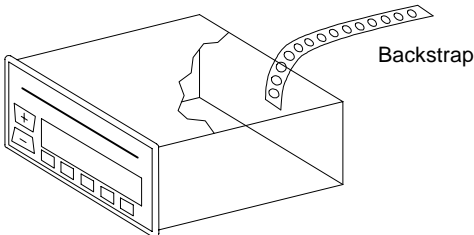


'DIN' Sleeve From New
Replacement Radio

Slide The 'DIN' Sleeve From The New Radio Into The Kit And Bend Tabs On The Sleeve Behind The Rear Of The Kit To Secure The Sleeve To The Kit.



Push The Kit Into The Dash Opening (please read note below)



The new radio will come with a nut and bolt so that you can attach a backstrap to the rear of the radio. Some radio manufacturers will have the bolt pre-attached to the radio, some will include the bolt in a bag.

At the time this document was created, there was no known radio installation kit specifically designed to be used for Acura Legends. Every kit The Install Doctor has evaluated is a "multi" kit designed to be used with the majority of Honda and Acura vehicles. These kits are designed with plastic snaps located on the sides, top, and bottom of the kit which secure the kit to the dash. None of these snaps on any kit The Install Doctor has used is designed to work with the Acura Legend. These kits DO fit the opening of the Legend perfectly, but the snaps must be removed so that the kit will fit flush into the opening. Because the snaps must be cut off, the kit cannot stay attached to the dash of the vehicle.

In STEP 5 of the radio installation section, as shown in photos, The Install Doctor had to use radio "backstraps" (thin, long strip of metal with holes in it) included with the new radio to secure the radio to the metal frame bracket of the vehicles dash panel. Once the 'DIN' sleeve is mounted to the kit, the radio can be slid into the 'DIN' sleeve. Once the radio snaps into the 'DIN' sleeve, a "backstrap" can be screwed to the rear of the new radio and, with a little creativity, the "backstrap" can be bent around the metal frame bracket attached to the vehicles dash panel and then secured by screwing a sharp pointed screw through a hole in the "backstrap" into the metal frame bracket. To secure the lower part of the kit, a second backstrap can be screwed into the pocket of the radios installation kit, then screwed into the same metal bracket attached to the vehicles dash panel.

(Actually, the screw was screwed into the front of the pocket so that all a passenger in the vehicle sees is the head of the screw - which is only visible if you are looking for a screw. The sharp point of the screw is on the rear of the pocket where the "backstrap" can be attached)