

Cables for replacing Factory head unit.

Installation instructions for cables on list "A"

The "A" cable, is used when replacing a factory radio. (the appropriate cable from list "B" is also required). One end of cable plugs into or connects to your new aftermarket head unit and the other end plugs into the 18 pin connector of the OEM-1. When using the complete OEM-1 system the radio will be current protected by the vehicle fuse. The installer must decide to transfer any other fuses or noise filters from the harness provided with the head unit. Use the wire / terminal identification chart below to locate the correct power wires. The low level inputs are for radios up to 25watts x 4.

While every effort has been made to insure this cable was made to connect properly to your aftermarket head unit, changes in models and configurations do occur. To prevent potential damage consult your stereo's owners manual and check wire function (as shown below) with that of the head unit you have. Move any wires that are not in the correct pin location for you head unit.

Installation instructions for cables on list "B"

The "B" cable, is used when replacing a factory radio. (the appropriate cable from list "A" is also required). One end of this cable plugs into the vehicle dash harness that was removed from the factory radio. (the AMP-UNV harness must be spliced into the vehicle harness, use the 16 pin chart below for wire identification) The other end plugs into the 16 pin connector of the OEM-1.

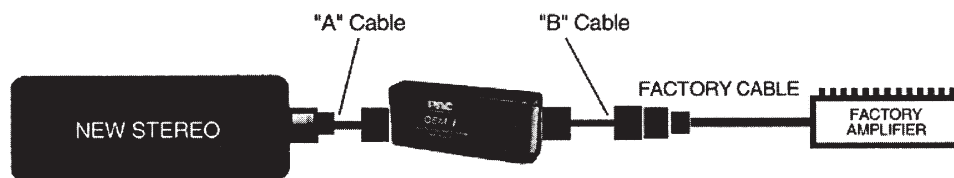
WIRE AND TERMINAL IDENTIFICATION

Output of the OEM-1, 16 pin connector (cable "B" or AMP-RCA). Looking into connector / wire side of cable.

WIRE COLOR	CIRCUIT			CIRCUIT	WIRE COLOR
ORANGE	ILLUMINATION	8	16	IGNITION SWITCH 12V	RED
BLUE/WHITE	AMP TRIGGER	7	15	BATTERY	YELLOW
BLACK	GROUND	6	14	POWER ANTENNA	BLUE
PURPLE/BLK	RIGHT REAR (-)	5	13	RIGHT REAR (+)	PURPLE
GREEN/BLACK	LEFT REAR (-)	4	12	LEFT REAR (+)	GREEN
	N/C	3	11	N/C	
GRAY/BLACK	RIGHT FRONT (-)	2	10	RIGHT FRONT (+)	GRAY
WHITE/BLACK	LEFT FRONT (-)	1	9	LEFT FRONT (+)	WHITE

Input of the OEM-1, 18 pin connector (cable "A" or "C"). Looking into connector / wire side of cable.

WIRE COLOR	CIRCUIT			CIRCUIT	WIRE COLOR
WHITE/BLK	LEFT FRONT (-)	9	18	LEFT FRONT LOW LEVEL (+)	WHITE/ RED
GRAY/BLK	RIGHT FRONT (-)	8	17	LEFT FRONT HIGH LEVEL (+)	WHITE
GREEN/BLK	LEFT REAR (-)	7	16	RIGHT FRONT LOW LEVEL (+)	GRAY/ RED
PURPLE/BLK	RIGHT REAR (-)	6	15	RIGHT FRONT HIGH LEVEL (+)	GRAY
BLACK	GROUND	5	14	LEFT REAR LOW LEVEL (+)	GREEN/ RED
BLUE	POWER ANTENNA	4	13	LEFT REAR HIGH LEVEL (+)	GREEN
ORANGE	ILLUMINATION/ DIMMER	3	12	RIGHT REAR LOW LEVEL (+)	PURPLE/ RED
BLUE/WHITE	AMP TRIGGER	2	11	RIGHT REAR HIGH LEVEL (+)	PURPLE
RED	IGNITION/ SWITCHED	1	10	BATTERY	YELLOW



ROEM-GM21A

Premium Sound System Interface

This interface will allow the replacement of a stereo in the following GM vehicles with a premium Delco/Bose sound system. The interface is transformer isolated, maintains phase and is linear from 20 to 20,000 HZ. This 4 channel interface will allow the new stereo's output to be adjusted to the input requirements of the existing factory installed amplifier, providing 2:1 gain and infinite attenuation. The output connector plugs directly into the factory harness. The color coded input wires are connected to the new stereo's output harness.

For use with:

1999 Escalade and all 98-01 models of Suburban, Tahoe, Blazer, Yukon Jimmy, Envoy & Denali

PAC Factory Amp Interface (FAI) – Level Setting

The Pacific Accessory Corporation® FAI is equipped with four channels of output level controls (gains) which should be adjusted for proper sound level matching.

- Start by setting each gain dial on the FAI at minimum, or fully counterclockwise.
- Turn on your car stereo and set the volume to roughly 3/4 of what the maximum number is. (Example: If a radio volume scale is 0-40, you would set the volume to 30 for this process.)
- Ensure that any equalizer or bass boost settings are flat or set to their default positions.
- Play a piece of music with a known frequency response that covers the entire audio spectrum. This is important for setting the gain accurately.
- Turn the gain control on the FAI up slowly until you hear distortion in the audio. Back off slightly from the point where distortion occurs. This is done by inserting a small flat blade or Phillips head screwdriver into the gain adjustment holes, located on top of the FAI.
- By turning clockwise, the gain for that individual channel, or the amount of sound allowed to pass through the FAI is increased. By turning counterclockwise, the gain for that individual channel is decreased.

The goal is to set the FAI gain high enough to get a clean signal but not so high that distortion is introduced. You will do this for all 4 channels.

Applicable devices as of November 2023.

541NIS2	ROEM-NIS2	PAC ROEM-NIS2 Interface Retains Factory amp in select Nissan
541FRD2	ROEM-FRD2	PAC ROEM-FRD2 Interface Retains Factory Amp in select 95-02 Ford
541GM21A	ROEM-GM21A	PAC ROEM-GM21A GM Bose Interface, Select GM Models
541FRD1	ROEM-FRD1	PAC ROEM-FRD1 Interface Retains Factory Amp in select 88-00 Ford
541GM21	ROEM-GM21	PAC ROEM-GM21 Interface Retains Factory amp in select GM
541NIS1	ROEM-NIS1	PAC ROEM-NIS1 Interface Retains Factory amp in select Nissan



Pacific Accessory Corporation

OEM INTEGRATION PRODUCTS





Pacific Accessory Corporation

OEM INTEGRATION PRODUCTS



Since 1976, when the 8-track player was the iPod of the day, PAC has been manufacturing high quality and rock solid mobile electronics interfaces that satisfy even the most demanding customer. Our patented and award-winning products deliver the performance and functionality you want and deserve.

No matter what the challenge, our deep engineering and manufacturing knowledge and experience produce solutions you can count on!

Compatibility:

This product may have specific compatibility requirements to operate correctly in your automobile. Please consult a sales associate or visit www.pac-audio.com to learn whether or not your specific car and/or radio are compatible.

Due to continuous product improvement, Pacific Accessory Corporation reserves the right to make changes to product or specifications described herein without notice.



Please Recycle

Pacific Accessory Corporation
Santa Ana, California 92705
techsupport@pac-audio.com
www.pac-audio.com 866-931-8021
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Designed and Engineered
in the USA, Manufactured in China

ROEM-GM21A



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