



S3GMLAN

**S3-1 INTERFACE HARNESS
FOR 2006-UP GM LAN 29 BIT
DATA SYSTEM (14/16pin harness)**

APPLICATIONS*

BUICK	
2008-11	Enclave
2006-09	Lucerne
CADILLAC	
2007-11	Escalade/ESV/EXT
CHEVROLET	
2007-11	Avalanche
2008-11	Express Van
2006-11	Impala / SS
2006-07	Monte Carlo / SS
2007-11	Silverado
2007-11	Suburban
2007-11	Tahoe
2009-11	Traverse
GMC	
2007-11	Acadia
2008-11	Savana Van
2007-11	Sierra
2007-11	Yukon/XL
HUMMER	
2008-09	H2
SATURN	
2007-09	Outlook

*APPLICATION NOTES:

Not compatible with OnStar or "Premium" Bose (y91/y92/z75) audio systems. Check the service parts code sticker usually located in the glove box for "y91" "y92" or "z75" equipment codes.

INSTALLATION NOTES

This S3GMLAN harness is designed for use with the Scosche S3-1 interface. It allows you to replace your Factory OEM stereo while retaining Factory warning chime and safety systems. The S3GMLAN/S3-1 combination will also allow you to retain Factory steering wheel controls if vehicle is equipped. Please review this information for specific installation in GM LAN 29 Bit vehicles. For steering wheel control information, consult the S3-1 interface installation instructions.

HOW TO TEST FOR "PREMIUM BOSE" SYSTEMS

There are two types of Bose systems available in some models of GM vehicles. The S3-1 interface is not compatible with the Digital Premium BOSE (y91/y92 /z75 systems) To test for digital Bose systems, turn the factory radio volume up and down rapidly. If the sound system reacts immediately then the system is a Standard Bose, not a Premium Bose. If there's a slight delay in the system as you turn it up and down quickly, then this vehicle may have Premium BOSE.

Note you may also check the service parts code sticker usually located in the glove box for "y91" or "z75" equipment codes.

S3-1 GENERAL MOTORS INTEGRATED SAFETY & WARNING CHIMES

When replacing the Factory stereo in your GM vehicle, the S3-1 interface will replace portions of your vehicle's audible SAFETY and WARNING CHIME systems. If the stereo is removed without the proper accessory these functions of your vehicle will be LOST including: Your vehicle's ECM (Electronics Control Module) will also store an error code if operated without the factory radio installed and you may experience difficulty in having the vehicle serviced at the dealership. The Scosche S3-1 will send the proper data commands to your vehicle's ECM (Electronics Control Module) to indicate a "healthy" status for diagnostic purposes.

WARNING & SAFETY CHIMES LIST**:

- Parking assist
- Lights left on reminder
- Seatbelt warning chime
- Check Engine/Service indicator
- Turn signal click
- Low fuel
- Folding mirrors
- Key left in ignition reminder
- Low oil level

(*When vehicle is so equipped)

WIRING INSTRUCTIONS

1. Disconnect the Negative battery cable from the battery to avoid short circuits.
2. Remove and unplug Factory stereo.
3. Match and connect the Power/ground wires from the S3-1 Vehicle specific harness to the wires from your stereo. The color codes on the Scosche harness are designed to match most Aftermarket stereos.
 - Take note that some of the wires for your new stereo come from the S3-1 interface box itself and not the vehicle connectors.
- 4A. The S3-1 Speaker connections are Pre-Terminated with RCA jacks for GM Standard Bose systems.
- 4B. If your vehicle does not have a Bose system, cut off the RCAs and wire the speaker leads directly to the speaker wires from the new stereo. (See Diagrams on reverse)
5. Tape any unused wiring to prevent short circuits.
6. Follow POWER UP (Initialization) below.

POWER UP (Initialization procedure)

In order to ensure the proper functionality of the S3-1's +12V RED Accessory wire, we recommend that the following procedure be followed; in sequence.

1. From inside the vehicle, close all doors and hood, turn off all Lights and remove the keys from the ignition.
2. Wait 3 to 4 minutes (without opening a door, turning on a light, inserting keys,etc.).
3. Connect the Scosche Interface to the vehicle's Radio harness and start vehicle.
4. Test interface for functionality.

SCOSCHE

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WIRE COLOR CODES

White = Left Front Positive (LF+)	Gray = Right Front Positive (RF+)
White/Black = Left Front Negative (LF-)	Gray/Black = Right Front Negative (RF-)
Green = Left Rear Positive (LR+)	Violet = Right Rear Positive (RR+)
Green/Black = Left Rear Negative (LR-)	Violet/Black = Right Rear Negative (RR-)
Black = Chassis Ground	Orange = Illumination
Yellow = +12V Constant Power	Blue/White = +12 Remote Output (Amp, radio on signal)
Red = +12V Accessory / R.A.P output	
Blue = +12V Power Antenna	

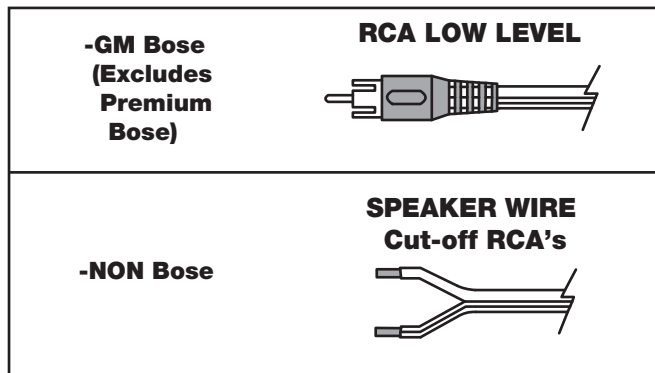
NAVIGATION CONNECTIONS:

Violet/White = VSS Vehicle speed pulse signal
Red/White = Reverse light trigger (+12V when in reverse gear)
Yellow/Black = Parking Brake trigger (-12V when park brake ON)
Orange/White = Auto illumination (Data controlled lighting output on some GM LAN applications with AUTO headlights enabled)

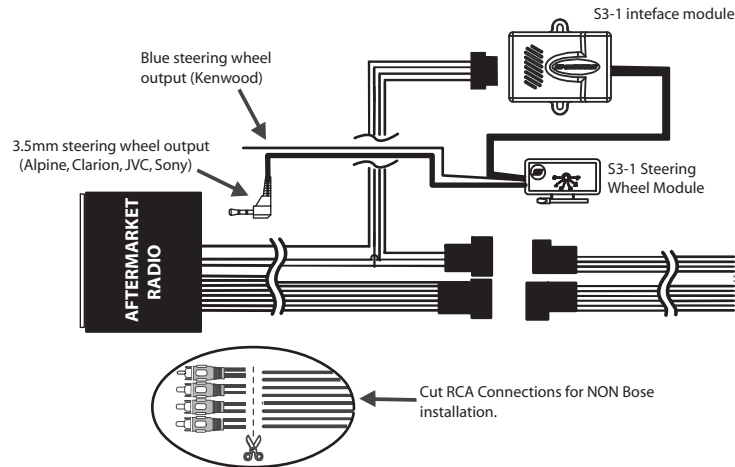
NOTE: The RED Accessory output wire from the S3-1 interface is rated at 10A Max output for most Aftermarket headunit demands. We do NOT recommended connecting additional +12V switched accessories to this output source as that may cause damage to the S3-1 module itself. If 10A output is not sufficient, then a relay is needed. (Relay not included)

NOTE: Illumination & Auto illumination outputs are designed for headunit connections only.

S3-1 SPEAKER / AUDIO CONNECTIONS



S3GMLAN NON-BOSE WIRING DIAGRAM



S3GMLAN STANDARD BOSE WIRING DIAGRAM

