



S3GM11L

**S3-1 INTERFACE HARNESS
FOR 2006-UP GM LAN 11 BIT
DATA SYSTEM (14/16pin harness)**

APPLICATIONS

CHEVROLET

2007-11 Cobalt
2008-11 Malibu
2006-11 HHR

PONTIAC

2007-09 G5
2008-09 G6
2007-11 Solstice

SATURN

2006-09 Aura
2007-09 Sky

*APPLICATION NOTES:

Not compatible with OnStar

INSTALLATION NOTES

This S3GM11L 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 S3GM11L/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 11 Bit vehicles. For steering wheel control information, consult the S3-1 interface installation instructions.

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
- Turn signal click
- Low fuel
- Folding mirrors
- Seatbelt warning chime
- Check Engine/Service indicator
- 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

S3GM11L

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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 | |

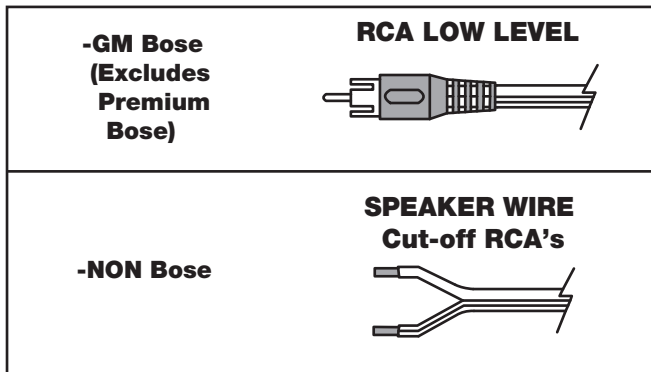
NAVIGATION CONNECTIONS:

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)

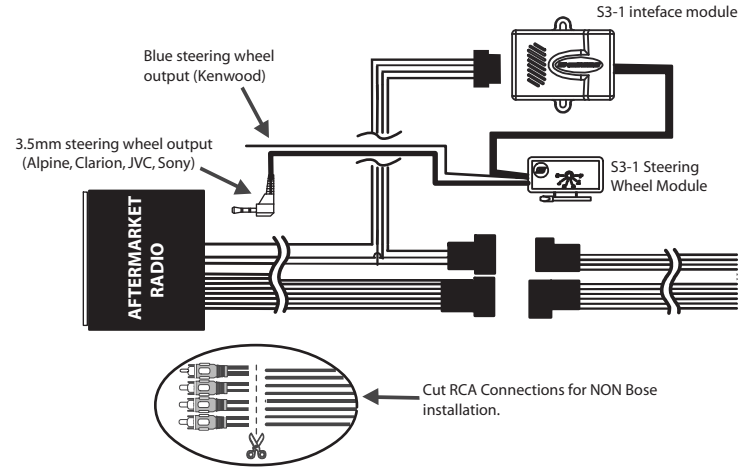
NOTE: The RED Accessory output wire from the S3-1 interface is rated at 10A Max output for most Aftermarket headunit demands. We do NOT recommended connecting additional +12V switched accessories to this output source as that may cause damage to the S3-1 module itself. If 10A output is not sufficient,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

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

S3-1 SPEAKER / AUDIO CONNECTIONS



S3GM11L NON-BOSE WIRING DIAGRAM



S3GM11L STD. BOSE WIRING DIAGRAM

