VM9215BT

What's in the Box

VM9215BT Head Unit	Mounting Hardware
Single DIN Sleeve	Cosmetic Trim Ring
Wiring Harness	Owner's Manual
Parking Brake Sensor Extension Wire	Installation Guide

Tools and Supplies

You will need these tools and supplies to install your VM9215BT:

- Torx type, flat-head and Philips screwdrivers
- Wire cutters and strippers
- Tools to remove existing radio (screwdriver, socket wrench set or other tools)
- Electrical tape
- Crimping tool
- Volt meter/test light
- Crimp connections
- 18 gauge wire for power connections
- 16 – 18 gauge speaker wire

WARNING! Never install this unit where operation and viewing could interfere with safe driving conditions.

Disconnecting the Battery

To prevent a short circuit, be sure to turn off the ignition and remove the negative (-) battery cable prior to installation.

NOTE: If the VM9215BT is to be installed in a car equipped with an on-board drive or navigation computer, do not disconnect the battery cable. If the cable is disconnected, the computer memory may be lost. Under these conditions, use extra caution during installation to avoid causing a short circuit.

Pre-installation

1. Remove the four screws that attach the mounting sleeve to the radio and remove the sleeve.
2. Install the mounting sleeve:
   a. Install mounting sleeve into the dashboard or optional adapter. Do not force the sleeve into the opening or cause it to bend or bow.
   b. Locate the series of bend-tabs along the top, bottom and sides of the mounting sleeve. With the sleeve fully inserted into the dashboard opening, bend as many of the tabs outward as necessary so that the sleeve is firmly secured to the dashboard.
   c. Install the support strap to make the unit more stable.
3. Place the radio in front of the dashboard opening so the wiring can be brought through the mounting sleeve.

CAUTION! Be careful not to damage the car wiring.
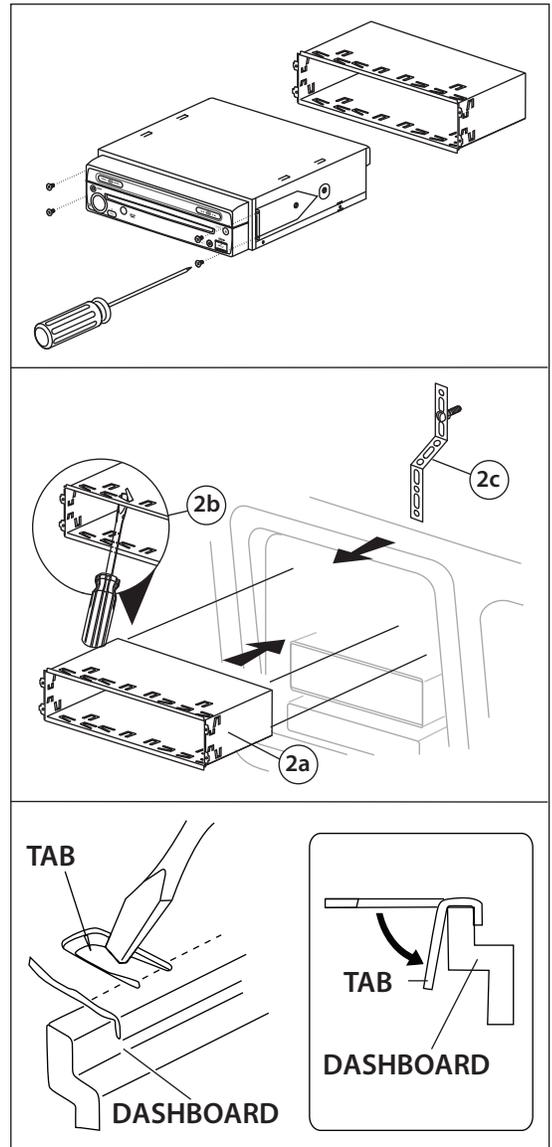
Wiring

***WARNING! Only connect the unit to a 12-volt power supply with proper grounding.***

Complete wiring as illustrated in the wiring diagram on page 4. Once the wiring is complete, reconnect the battery negative terminal. If there is no ACC available, connect the ACC lead to the power supply with a switch.

NOTE: When replacing a fuse, be sure to use correct type and amperage to avoid damaging the radio. The VM9215BT uses one 15 amp fuse, located in the black filter box in-line with the main wire harness.

Final Installation

After completing the wiring connections, turn the unit on to confirm operation (ignition switch must be on). If unit does not operate, recheck all wiring until the problem is corrected. Once proper operation is achieved, turn off the ignition switch and proceed with final mounting of the chassis.

1. Connect the wiring adapter to the existing wiring harness.
2. Connect the antenna lead.
3. Carefully slide the radio into the mounting sleeve, making sure it is right-side-up, and secure with the original four screws.
4. Attach one end of the perforated support strap (supplied) to the screw stud, which is screwed into the threaded insert on the back of the unit, using the hex nut provided. Fasten the other end of the perforated strap to a secure part of the dashboard either above or below the radio using the screw and hex nut provided. Bend the strap to position it as necessary.
5. Replace any items you removed from the dashboard.
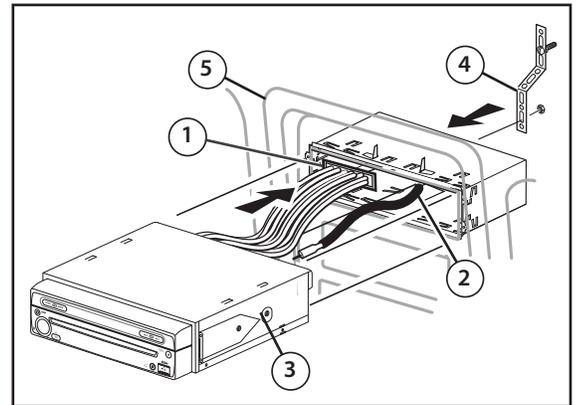
CAUTION! The rear of the radio must be supported with the strap to prevent damage to the dashboard from the weight of the radio or improper operation due to vibration.

NOTE: For proper operation of the CD/DVD player, the chassis must be mounted within 20° of horizontal. Make sure the unit is mounted within this limitation.

ISO-DIN Installation

1. Remove the mounting sleeve brackets.
2. Remove the trim ring.
3. Mount the factory brackets on the new radio using the existing screws from the old radio.
4. Slide the radio chassis into the dash opening and secure.
5. Re-install the dash panel.

Remove Mounting Sleeve Brackets
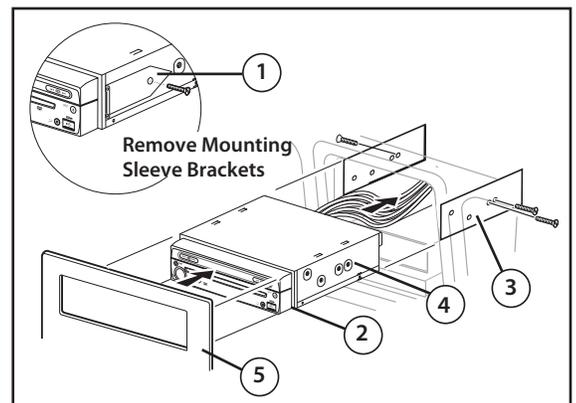
Wiring Diagram

IMPORTANT: Incorrect wiring connections can damage the unit. Follow the wiring instructions carefully, or have the installation handled by an experienced technician.

For basic iPod® connectivity, you can use the white 30-pin to USB iPod® cable that came with your Apple device. For iPod® video or photo playback, you must purchase the jLink-USB cable. Connect the iPod® cable to the rear chassis iPod® inputs (USB / 3.5mm connectors) and route the iPod® cable to an accessible part of the dash area for easy connectivity. For occasional iPod® use, keep an iPod® cable in your glove box and use it to connect the iPod® to the front USB connector.
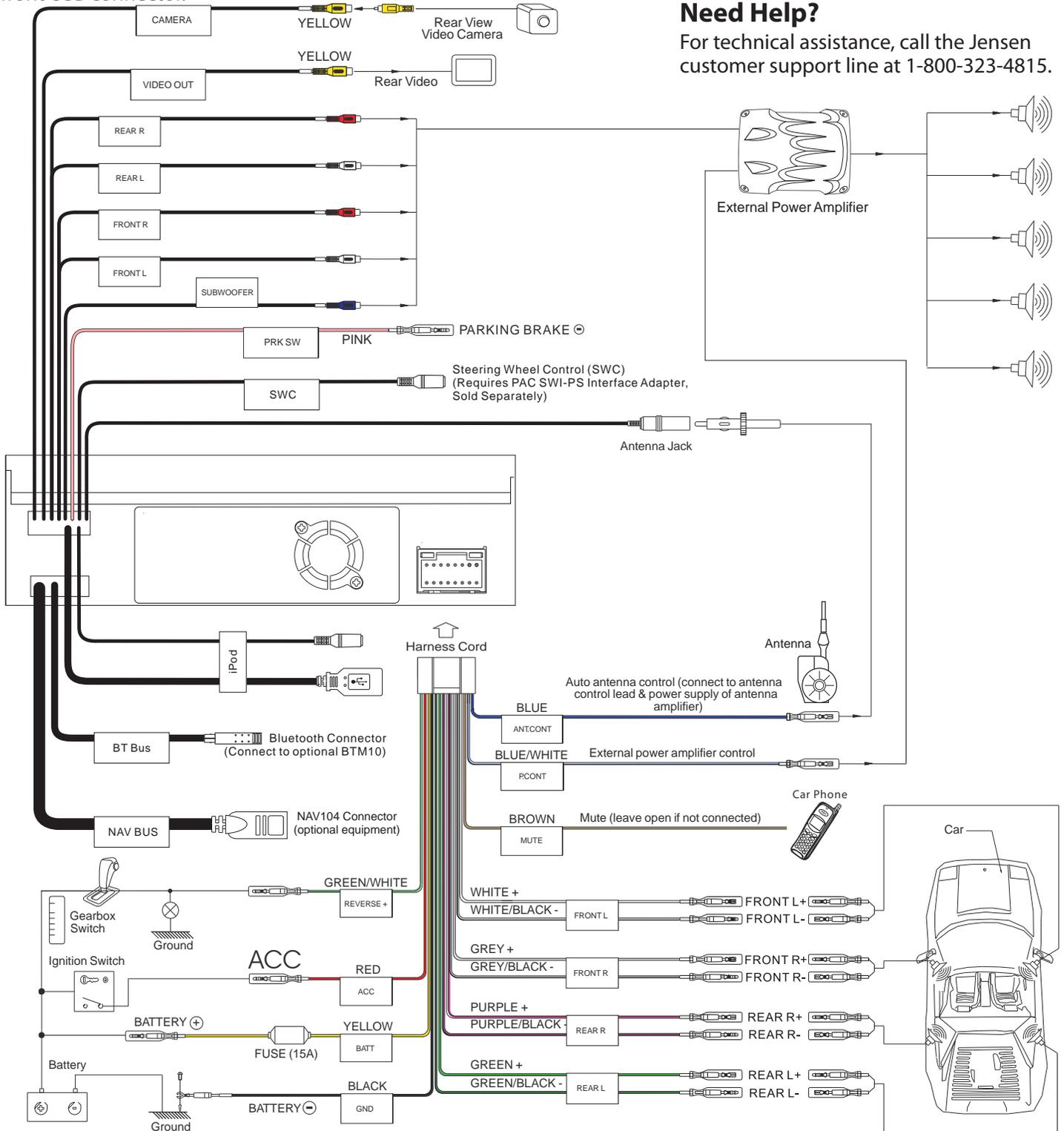
Need Help?

For technical assistance, call the Jensen customer support line at 1-800-323-4815.

CAMERA — YELLOW — Rear View Video Camera

VIDEO OUT — YELLOW — Rear Video

REAR R

REAR L

FRONT R

FRONT L

SUBWOOFER

External Power Amplifier

PRK SW — PINK — PARKING BRAKE ⊝

SWC — Steering Wheel Control (SWC) (Requires PAC SWI-PS Interface Adapter, Sold Separately)

Antenna Jack

iPod

Harness Cord

Antenna

BT Bus — Bluetooth Connector (Connect to optional BTM10)

BLUE — ANT.CONT — Auto antenna control (connect to antenna control lead & power supply of antenna amplifier)

BLUE/WHITE — P.CONT — External power amplifier control

NAV BUS — NAV104 Connector (optional equipment)

BROWN — MUTE — Mute (leave open if not connected) — Car Phone

Car

Gearbox Switch

Ground

GREEN/WHITE — REVERSE +

WHITE + / WHITE/BLACK - — FRONT L — FRONT L+ / FRONT L-

GREY + / GREY/BLACK - — FRONT R — FRONT R+ / FRONT R-

Ignition Switch

ACC — RED — ACC

PURPLE + / PURPLE/BLACK - — REAR R — REAR R+ / REAR R-

BATTERY ⊕ — YELLOW — BATT

FUSE (15A)

GREEN + / GREEN/BLACK - — REAR L — REAR L+ / REAR L-

Battery

BLACK — GND

BATTERY ⊝

Ground