

## INSTALLATION CONSIDERATIONS

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1. Carefully read and understand the instructions before attempting to install the Source Unit.
2. **For safety**, disconnect the negative lead from the battery prior to beginning the installation.
3. For easier assembly, we suggest you run all wires prior to mounting your Source Unit in place.
4. Route all of the RCA cables close together and away from any high current wires to prevent coupling noise from radiated electrical fields into the audio signal.
5. **Think before your drill!** Be careful not to cut or drill into gas tanks, fuel lines, brake or hydraulic lines, vacuum lines or electrical wiring when working on any vehicle.
6. Never run the cable underneath the vehicle. Running the cable inside the vehicle provides the best protection.
7. Avoid running the cable over or through sharp edges. Use rubber or plastic grommets to protect any cable routed through metal.
8. **ALWAYS** protect the battery and electrical system from damage with proper fusing.
9. When grounding to the chassis of the vehicle, scrape all paint from the metal to ensure a good, clean ground connection. Grounding connections should be as short as possible and always be connected to metal that is welded to the main body, or chassis, of the vehicle.

## WIRING THE SYSTEM

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1. **Determine the mounting angle** of the source unit. The source unit should be mounted as close to horizontal as possible to maximize the performance of the CD Player. The source unit can accommodate mounting angles of up to  $\pm 20^\circ$  from horizontal.
2. **Install the Speaker/Power Harness** by connecting the corresponding wires to the electrical and audio system (see diagram on reverse page). Solder and heat shrink all connections for a reliable installation.
3. **Connect the Speakers** (if external amplifiers are not used) to the corresponding output wires. Be sure to maintain proper speaker polarity. **DO NOT chassis ground any of the speaker leads as unstable operation may result.**
4. **Install the RCA Harness** (if external amplifiers will be used) by plugging the signal cables into the source unit's RCA output jack(s).
5. **Perform a final check** of the completed system wiring to ensure that all connections are accurate. Check all power and ground connections for frayed wires and loose connections which could cause problems from road vibrations.
6. **Install the Source Unit** securely to the vehicle using the "Standard Mount" or "ISO Mount" method (refer to page 23 of the Owner's Manual for further information). If using the "Standard Mount" method, be sure the source unit is installed using the backstrap and installation sleeve. **CAUTION: The Installation sleeve should be installed using the appropriate tabs** (see chart on reverse page). Use only screws with a maximum length of 8 mm.
7. **Wire the Source Unit** by plugging in the Speaker/Power Harness, RCA Harness (if used), CDX cable (if used), and Antenna to the connectors located at the rear of the source unit. For "Standard Mounting," slide the source unit into the Mounting Sleeve until it clicks firmly into place.

**ATTENTION:** To maintain your warranty, we recommend your Authorized Rockford Fosgate Dealer install your Source Unit.



# INSTALLING THE RFX-8102 / RFX-8103

