

### ◀ CAR RADIO INSTALLATION

Place radio in a nylon or leather case and tie strap the case through the belt loop to the roll cage, either on the driver's side door or roll bar to the driver's right. Make sure the radio is mounted at least three feet away from the ignition boxes and switches. (*Racing Radios Radio Box is available instead of cases on page 5.*)



### ■ PUSH-TO-TALK SWITCH INSTALLATION

Locate a position, on the steering wheel, that is convenient for the driver. If you have a Velcro type PTT it is a little easier to mount it on the wheel. A through-hole steering wheel PTT requires a little more thought. We recommend using zip-ties to ensure less strain on the cable going into the PTT. Once mounted secure the 3-pin connector, of the harness, to a point that is easily accessible to the PTT 3-pin male connector.

### ■ CAR HARNESS INSTALLATION

The car harness cables should be run in such a way that no other electrical or ignition wires are near any part of the harness. The radio should be mounted in a location convenient to the driver and away from ignition and other electrical devices. The female helmet connector should be run to the back of the driver seat, up to the shoulder location. Tie strapping cables to non electrical hard points only.

### ■ ANTENNA LOCATION

Contrary to many beliefs, we recommend that the antenna not be grounded to the car. It should be electrically isolated from the ground of the car whenever possible. A continuity tester can be used to insure isolation. We also provide a ground plane / insulator to help with this procedure. The ground plane should be mounted with the copper side away from the car. Locate the antenna on a high point of the car, away from any other antennas; i.e. telemetry. This will ensure the best reception. The "teeth" of the antenna connector should bite into the metal of the ground plane. Route the cable away from any electrical wires and connect to the radio RF jack.

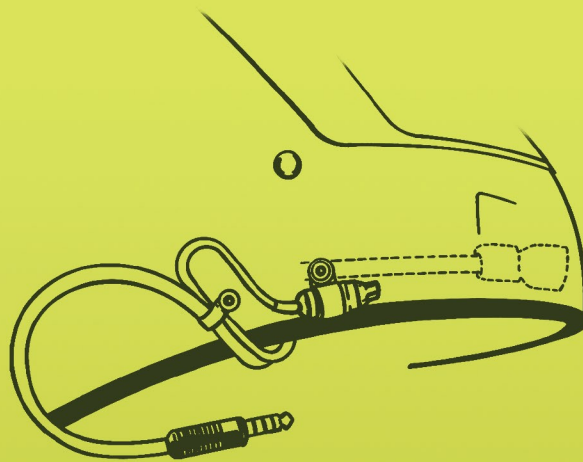
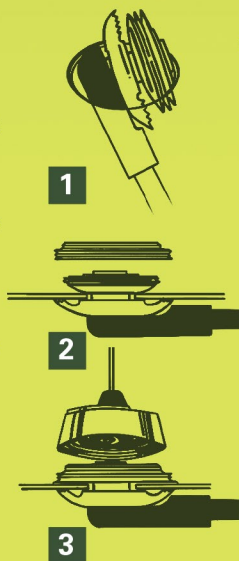
### ■ HELMET KIT INSTALLATION

**PARTS NEEDED FOR INSTALL:** Drill, 9/64 Drill Bit, "P" Clips, Rivets, Hot Glue Gun, Rivet Gun, Heat Shrink

- STEP 1. Pull back cheek pad of side you are mounting equipment.
- STEP 2. Drill 9/64 hole for mounting of ear connector jack.
- STEP 3. Secure Earpiece jack with "P" Clip and rivet.
- STEP 4. Connect Helmet Cord and Earpiece Jack together - Blue wire connects to Green wire, and White Wire Connects to Black wire.
- STEP 5. Secure Helmet wire and Earpiece wire together with "P" clip and rivet to Helmet.
- STEP 6. Depending on style of helmet - Cut hole in cheek pad and feed microphone through to the backside of the cheek pad. Channel out groove on the backside of the cheek pad and secure mic it hot glue. Let it dry for about 5 minutes.
- STEP 7. After glue is dry, connect 2 microphone wires to 2 remaining wires on the Helmet Cord. It does not matter which color goes to what wire. Secure these connections with heat shrink.
- STEP 8. Secure cheek pad back into helmet and make sure everything is fitting correctly. Test Helmet and make sure everything is functioning properly.

### ◀ ANTENNA MOUNTING PROCEDURE

1. Drill 3/4" hole into mounting surface.
2. Mate gasket and locking ring.
3. Apply Teflon Lube to gasket and locking ring.
4. From top, insert mount into hole. (*Figure 1*)
5. Center mount in hole.
6. Thread locking ring onto mount. (*Figure 2*)
7. Tighten locking ring with 15/16" wrench. (*Figure 2*)
8. Screw on antenna and tighten securely. (*Figure 3*)



### ▲ CLOSED FACE HELMET KITS

Choose type of cable, speaker or ear connector kit, and one microphone kit.

FOR THE MOST HELMET FIT