



1. Teams are being provided with IonEarth satellite transponder mounting kits for installation on each of their team's snowmobiles.
2. Choose a location on your snowmobile where the tracking unit will have a relatively unobstructed view of the sky. A thin layer of fabric or plastic above the tracker is permissible, but the view must not be obstructed by metal or any other conductive material such as foil. Locations with some exposure to engine heat are preferable for battery performance reasons. The preferred mounting location is in the area directly behind the windshield as it provides a good combination of exposure to the sky and radiated heat from the engine. Mounting the bracket/transponder in a location inside the sled is acceptable as long as it is protected from excessive heat, unobstructed and easily accessible for the purposes of transponder installation, recovery and operation.
3. Use the mounting plate as a template to mark the location for each hole. You will need to use a minimum of three screws to secure the tracker bracket to the snowmobile.
4. Drill each location and position the mounting plate on the sled.
5. Use the provided screws, washers, and lock nuts to securely fasten the mounting plate to the snowmobile. If the screws that are provided with the bracket are not long enough for your particular installation, be sure to use low profile ¼-20 screws of similar head size. Please do not use hex head screws as they will interfere with the proper mounting of the tracker on race day.
6. The tracker will be fastened to the bracket on the morning of the race by race personnel using a pair of polypropylene Velcro straps (not shown). These straps will be looped through slots on the mounting bracket and cinched through D-rings with the loose strap ends retained by Velcro.
7. If no practical hard mounting location is available on your snowmobile, the transponder can be packed tightly inside an equipment bag as long as it is facing up and held securely in place by soft, non conductive material such as clothing or a sleeping bag.