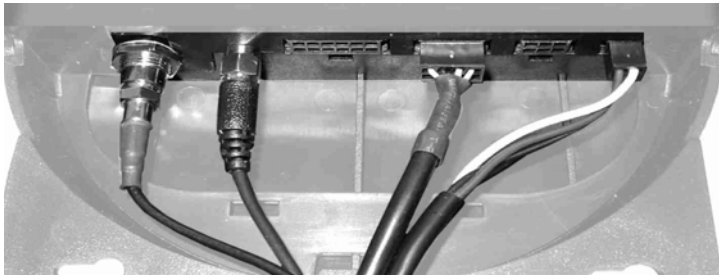


## Cable Connections



1. GSM (cellular) antenna (GSM units only)
2. GPS antenna (Required)
3. I/O Input (Optional)
4. GPS VM (Vehicle Mount) 8PIN Connector (Optional)
5. Accessory-ZPass
6. GPS 4PIN Power Input (Required)

## GPS Power Cable



## GPS Power Cable Continued..



- 1) Follow all General Guidelines as specified on page 4.
- 2) All power leads (Red and White leads, GPS-Power Cable) must be connected to the vehicles protected circuitry (e.g. fuse panel, circuit breaker panel, protected circuits). Never electrically connect Zonar equipment to unprotected circuits. (e.g. directly to battery)
- 3) The White wire must be connected to a power source that is active only when reader is to be ON. **ZPass:** White Wire should be connected in a way that will power the reader on when you want it to read. **Example: Key On and the Door Open**

- 4) It is also required that all power leads (Red and White leads, GPS-Power Cable) be protected with a 3 to 5 amp fuse and inline fuse holder (included) for optimal system protection.
- 5) Vehicles equipped with "noise kill" switches (late model school buses) – Do Not wire any Zonar equipment to the "noise kill" circuitry.
- 6) Power Bundle wiring – 4 Pin, 3 wires
  - a. Red – Constant DC (+8VDC - +30VDC, dependent on system type)
  - b. Black – Ground
  - c. White – Switched Power

