POLARIS ABG772AGL Telematics Control Unit Instruction Manual

POLARIS ABG772AGL Telematics Control Unit Instruction Manual

Contents

Record of Revisions

Revision Number	Change Description	Effective Date	Inserted By
1.0	Initial release	6/2/23	Gannon Gilbraith
1.1	Removed space from product name	8/31/23	Angela Lorenz

INSTALLATION

INSTALLATION GUIDELINES

- Mount with three M6 fasteners and a 12 mm head.
- Do not mount with connectors facing up.
- Mount in a location with some air flow.
- The gateway and antennas must follow the distances in the table and diagram in Section 1.2 to comply with FCC part 1.310 and ISED RSS-102.
- Mount to either a metal (thermally conductive) surface OR use spacers to leave 1/4″ gap between metal plate and mounting surface.
- Account for ~20cm of clearance from the internal antenna which is marked on the outside of the box if possible.
- Recommended: Mount the TCU with the metal plate towards the mounting location.
- If mounting upside or mounting with a metal frame on top of the unit, try to allow for some line of sight from the antenna out of the vehicle.
  Mounting upside down won't "block" all RF but may cause degraded performance due to shadowing.

USAGE RESTRICTIONS AND LIMITS OF EXPOSURE (BASED ON SAR TESTING)

The gateway and antennas must follow the distances in the following table and illustration to comply with FCC part 1.310 and ISED RSS-102.

Figure 1 Separation Distance

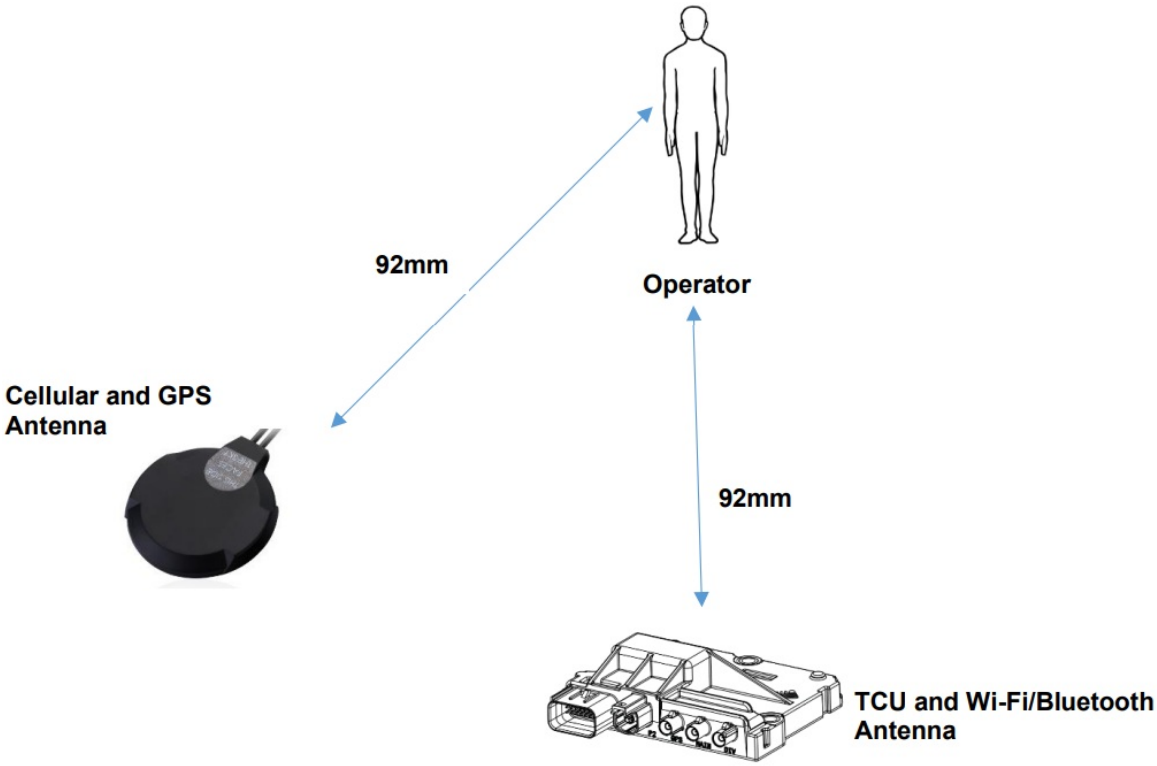


Table 1 Separation Distance

Device	Distance from Operator
Cellular and GPS Antenna	92mm
Wi-Fi and Bluetooth Antenna	92mm

REGULATORY INFORMATION

FEDERAL COMMUNICATIONS COMMISSION NOTIFICATION TO USER

This device complies with Part 15 of the Federal Communications Commission (FCC) Rules.
Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device must be operated as supplied by Polaris. Any changes or modifications made to these devices without the express written approval of Polaris may void the user's authority to operate these devices.

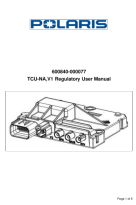
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

INDUSTRY CANADA NOTIFICATIONS TO USER

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Documents / Resources

	POLARIS ABG772AGL Telematics Control Unit [pdf] Instruction Manual ABG772AGL, ABG772AGL Telematics Control Unit, Telematics Control Unit, Control Unit, Unit

References

- User Manual