



Frontier Precision, Inc Support Bulletin

Bismarck, ND * St. Cloud, MN * Bloomington, MN * Denver, CO
Cheyenne, WY * Bozeman, MT
Technical Support Hotline (888) 797-4774 * www.frontierprecision.com



Frontier Precision “RAM” Service Program

Routine Annual Maintenance (RAM) Service Program

FPI’s \$100 Routine Annual Maintenance “RAM” Service Program

(Price per piece of equipment)

Equipment supported under this program

- Trimble TSC2 Survey Controller
- Trimble TCU Survey Controller
- Trimble Ranger, Recon, Nomad Handheld
- Trimble Pathfinder XT, XH, XRT Receiver
- Trimble Geo XM, XT, XH Handheld (2003-2008 series)
- Trimble 5700, 5800, R6, R7, R8 GPS Receivers

Services Covered:

Controllers without GPS (TSC2, TCU, Ranger, Recon, Nomad)

- System Inspection – General physical damage inspection – test torque on external screws
- Verify and install most current operating system (subject to valid support agreement)
- Verify and install most current software version (subject to valid support agreement)
- Run diagnostic checks on touch screen, keyboard, battery, serial loop back, audio, backlight, and NAND memory.



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- Clean and calibrate touch screen.
- Check connectivity to charger
- Check connectivity to Microsoft Active Sync
- SD and CF Cardport test
- Perform maintenance per any applicable service bulletin
- Check and record warranty status
- TSC2/Ranger Stress Test
- Check Bluetooth and Internal Radio where applicable

Handhelds with Integrated GPS (Geo XM, XT, XH, Nomad w/GPS)

- All services listed above that are applicable, as well as:
- Verify and install latest GPS Firmware
- Field Test GPS ensuring proper GPS reception
- Check External Antenna Port for proper GPS reception

GPS Receivers Only (Pro XT, XH, XRT, 5700, 5800, R6, R7, R8)

- All services listed above that are applicable, as well as:
- Verify and install latest GPS Firmware (subject to valid support agreement)
- Test all ports – test power and communication
- Perform LED test
- Receiver Memory check
- Record RTK receiver frequencies – test internal radio
- Field Test GPS ensuring proper GPS reception
- Test and verify Bluetooth Connectivity
- Verify and install latest Bluetooth and Radio Firmware

Frontier Precision RAM Service also qualifies the unit as inspected and eligible for Trimble extended hardware warranties.