

Geomagic FARO ScanArm Plugin 13.0

Release Notes version **B**, April 29, 2008

Enables Geomagic **Studio 10**
to operate with FARO ScanArm

Technical Support

Geomagic, Inc., P.O. Box 12219, Research Triangle Park, NC 27709

Phone: toll-free in the USA (800) 251-5551, or (919) 474-0122

Fax: (919) 474-0216

Technical Support: support@geomagic.com

(919) 474-3036, or toll-free in the USA (800) 251-5551

Training Questions: training@geomagic.com

Licensing Questions: license@geomagic.com

Web Site: <http://www.geomagic.com>

Prerequisites

- This plugin requires a Geomagic product listed in the heading. To verify your current version, launch the application and select **Help -> About Geomagic ProductName**. The text box at the top of the dialog indicates the current software version.
- This plugin requires FARO driver 5.5.1.2 or subsequent release.

Installation

1. Verify that the USB cable between the FARO equipment and the PC is disconnected.
2. Verify installation of Geomagic product listed in the heading.
3. Uninstall any version of the plugin. Click **Start | Control Panel | Add or Remove Programs**, click **Geomagic Plugin for FARO N**, then click **Remove**.
4. Log in to Windows as a user with administrative privileges.
5. Obtain the FARO device driver installer named **FaroArmUsbDriverXXXX.exe** from the Geomagic installation CD or website. **XXXX** matches the driver listed under Prerequisites.
6. Obtain the installer named **FaroSetup13.exe** from the Geomagic website.
7. Run the device driver installer.
8. Reboot the computer.
9. Run the plugin installer.
10. Connect the USB cable between the FARO equipment and the PC.

User Instructions

See "*FARO ScanArm Plugin, Document Version H*".

New Features in this Geomagic FARO Plugin

The primary purpose of this release is to be compatible with Geomagic Studio 10.

In the **Hard Probing Alignment** widget, the **3-2-1 Alignment** function has been removed because it is now part of the main application. It is now found at **Tools > Alignment > 3-2-1 Alignment with Hard Probe**.

The plugin can still create Features by hard probing, but that functionality is also added to the main application at **Tools > Features > Create Hard Probing Features**.

Known Issues with this Plugin

- Under unusual circumstances, the value in the **Max. Deviation** field of the Laser Compare function unexpectedly jumps to 0, causing the next data collection process to give no results. If a data collection process yields a blank Viewing Area, manually set **Max. Deviation** to an appropriate value. Note that **Max. Deviation** has a maximum value that is determined by the geometry of the Reference object, meaning that the value that appears in the field might be lower than actually entered by the user.