2F-85 and 2F-140 Firmware Upgrade Procedure

DO NOT UPGRADE YOUR HAND-E GRIPPER USING THIS PROCEDURE

This procedure describes how to upgrade the firmware of a 2F-85 or 2F-140 Adaptive Gripper. The firmware upgrade is only recommended if a specific issue is encountered with the Gripper. Contact support@robotiq.com to see if a firmware upgrade is required for your Gripper.

Prerequisites

- A 2F-85 or 2F-140 Adaptive Gripper with a standard coupling, powered with 24 V and connected to a PC using a USB to RS-485 converter;
    - Note: the firmware upgrade is not possible when using the Wrist Camera or an e-series coupling together with the Adaptive Gripper;
- A PC operating on Windows 7 or 10;
- An up-to-date version of the Robotiq Upgrader software, provided by Robotiq Technical Support.

Step 1: Launch the software and verify the firmware version.

Step 2: Select the COM port associated with the Gripper. In most situations, only one Gripper is connected. Leave the **Manual Reboot** checkbox unticked. Click **Next**.

Step 3: Check the **Download main firmware** box. Click **Next**.

Step 4: Let the software erase the Gripper memory and upgrade the firmware.

Step 5: Click on **Verify version**.
Make sure the firmware version installed on the Gripper corresponds to your setup.