Recovery Tool

This utility creates bootable microSD card. All existing content will be erased due to formatting procedure. To prepare so called "Recovery SD Card" the utility copies required software packages from the web server via Internet. Please ensure that your PC is connected to Internet.

⚠️ *Caution to Triumph-LS users! This tool is applicable only to WinCE OS based devices. Linux OS has built in procedure to recover the unit.*

Please follow to steps below to prepare the "Recovery SD".

Step 1. Download latest version of this tool from www.javad.com web site. See "Download" menu of a product related page. Unzip downloaded archive into an empty folder. Run RecoverySD.exe executable file. If it ask for administrative rights please grant it.
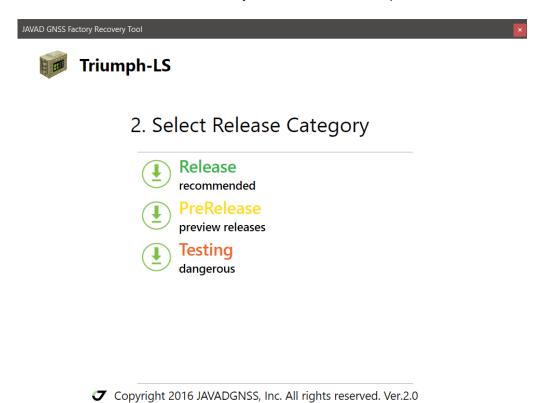
Step 2. Select the product you are about to recover by clicking over it's name.

JAVAD GNSS Factory Recovery Tool   ✕

1. Select Product to Recover

🔲 **Triumph-LS**

🔲 **Triumph-NT2**

🔲 **Victor-LS**

🔲 **Jlink 3G**

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Recovery Tool

Step 3. We have three branches available to end user. According to release stages these branches are named differently and contain different set of software packages. We do recommend to use "Release" branch always when you recover the product. Double think before selecting "PreRelease" and "Testing" branches because new features may not be forward compatible to "Release".

JAVAD GNSS Factory Recovery Tool

Triumph-LS

2. Select Release Category

Release
recommended

PreRelease
preview releases

Testing
dangerous

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Step 4. Select required letter of the drive where you have microSD card inserted. In this case it was "D" drive.

JAVAD GNSS Factory Recovery Tool

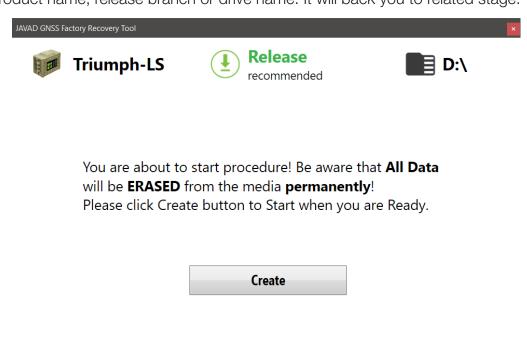**Triumph-LS**   **Release**
recommended

3. Select microSD media

D:\

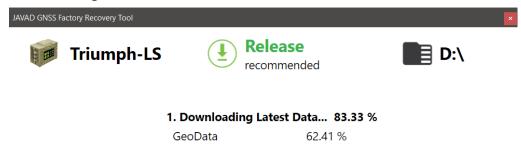Copyright 2016 JAVADGNSS, Inc. All rights reserved. Ver.2.0

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Step 5. Read notes on the screen and start Creating procedure if everything was selected properly. If you have any doubts about selection please click over the product name, release branch or drive name. It will back you to related stage.

JAVAD GNSS Factory Recovery Tool

Triumph-LS   **Release**   **D:**
                        recommended

You are about to start procedure! Be aware that **All Data** will be **ERASED** from the media **permanently**!
Please click Create button to Start when you are Ready.

[**Create**]

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Step 6. Now just wait until the Utility finish it's job. It will show internal stages and overall progress while creating microSD card. See them below in the run sequence.

Downloading Data from Internet

JAVAD GNSS Factory Recovery Tool

Triumph-LS   **Release**   **D:**
                        recommended

1. Downloading Latest Data... 83.33 %
GeoData   62.41 %

Overall Progress

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Recovery Tool

Preparing Downloaded Data for microSD

JAVAD GNSS Factory Recovery Tool   ×

Triumph-LS   **Release**
                        recommended   **D:**

1. Downloading Latest Data... Done

2. Preparing Data... 12.50 %

Overall Progress

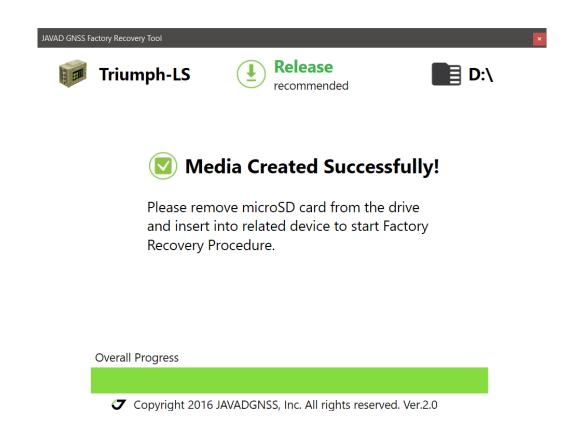Copyright 2016 JAVADGNSS, Inc. All rights reserved. Ver.2.0

Formatting microSD card and copying Prepared Data

JAVAD GNSS Factory Recovery Tool   ×

Triumph-LS   **Release**
                        recommended   **D:**

1. Downloading Latest Data... Done

2. Preparing Data... Done

3. Copying files to microSD... 83.33 %

Overall Progress

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Recovery Tool

Step 7. The utility reports about success in creating microSD. If you see this message then your "Recovery SD" card ready to recover the product.

Step 8. Backup your data from the product if you have such ability.

Step 9. Power off the product and insert "Recovery SD" card into the product's bootable microSD slot.

Step 10. Power On the Product that must boot from inserted microSD card and pass the recovery procedure automatically. Remove "Recovery SD" card from the slot when recovering is finished. Power Cycle the product and be sure that software is recovered.

Step 11. (For J-Field running products only). If this is the case you have to recover "Factory Data" that includes product identification data and antenna calibration parameters. To restore this data you should go to screen be the path /Home/System/Restore/ and click over "Restore Factory Data" button.
If button disabled then check Internet connection required for this procedure. Also do not forget to load Options and update to latest firmware of your unit. To do that go to /Home/Support/Options Update/ and /Home/Support/Software Update screens.