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# Release Notes - MC40N0 Android KK - BSP v01.12.0720 - HotFix CFE v02.06.00 Package

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## Introduction

HotFix CFE (Cumulative Fixes from Engineering) Package contains multiple SPR Hotfixes into a single package. The HotFix CFE Package helps the end users to keep up to date with all the SPR Hotfixes for given product software release / revision.

HotFix CFE package is validated only by engineering validation team and the package follows Zebra Technologies HotFix Package Policy. Click here to view HotFix Package Policy. [HotFix Support Policy](#)

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## Component Description and Version

Component / Description	Version
Product Build Number	01-12-03-4AJ22-K-V0-M1-072015
Android Version	4.4.4
Linux Kernel	3.4.48
Android SDK Level	19
Bluetooth Stack	4
Flash Size	8 GB
RAM Size	1 GB
MSP Agent/RD	7.08.85
Scanning Framework	5.25.0

<b>Datawedge</b>	3.1.40
<b>DWDemo</b>	2.0.6
<b>Camera</b>	5.25.0
<b>OSX/MXMF</b>	TI_OSX_4.4-3 , 4.4.3.6
<b>Wi-Fi</b>	FUSION_A_4.00.0.0.033
<b>PTT</b>	3.1.19
<b>RxLogger</b>	3.0.0.51
<b>MLogManager</b>	MLogManager v06.52
<b>Touch FW</b>	0.14(RevB), 19 (RevC TPK),38(RevB+)
<b>EA</b>	2.54
<b>SPAM</b>	0.6 (NA for RevC HW, only for RevA/B HW)
<b>StageNow</b>	2.1.1.1306
<b>B2M Elemez</b>	1.0.0.238
<b>Data Analytics</b>	1.0.1.2107
<b>App Gallery</b>	2.1.0.1
<b>SOTI</b>	12.2.0 Build 23434
<b>EMDK</b>	3.1.38
<b>ZVC</b>	1.1.12

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## Fixes/Patches Included:

### Fixes Included:

The CFE Package **CFE-MC40-KK-V0-072015\_EN\_v020600.zip** file includes the following HotFixes:

- 28924 - MC40 KK Rev B+ Proximity wakelock turns screen off but still active, can end calls on voice app.
- 28470 - When proxy setting is applied, device is not able to access INTRANET site but able to go INTERNET sites for example [www.google.com](http://www.google.com).
- 28416 - MC40 KK Low volume indicator during call is not being displayed properly - No Volume down callbacks.
- 28355 - The MC40 web view has an issue when running oracle software with slow rendering.
- 28252 - Use-after-free vulnerability in kernel handling of ping sockets.
- 28147 - Android OS Vulnerable to Text Hack.

**Patches included:**

CVE-2015-6609  
CVE-2015-6608  
CVE-2015-1474  
CVE-2014-4943  
CVE-2015-3825  
CVE-2015-6600  
CVE-2015-3867  
CVE-2015-3868  
CVE-2015-6603  
CVE-2015-6604  
CVE-2015-3876  
CVE-2015-6601  
CVE-2015-3871  
CVE-2015-3873  
CVE-2015-3823  
CVE-2015-6599  
CVE-2015-3869  
CVE-2015-6598  
CVE-2015-3870  
CVE-2015-3874  
CVE-2015-6602  
CVE-2015-3875  
CVE-2015-3877  
CVE-2015-3872  
CVE-2014-3153  
CVE-2015-3863  
CVE-2015-3858:  
ANDROID-21141820  
CVE-2015-3861  
CVE-2015-1534  
CVE-2015-3849  
ANDROID-17265206  
ANDROID-19507636  
ANDROID-17262540  
ANDROID-17265466  
CVE-2015-1528  
ANDROID-16794553

ANDROID-15829193  
 CVE-2015-1536  
 CVE-2015-0973  
 CVE-2015-1542  
 ANDROID-15428797  
 ANDROID-15288755  
 CVE-2015-3636  
 CVE-2015-1538  
 CVE-2015-1539

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This HotFix CFE package CFE-MC40-KK-V0-072015\_EN\_v020600.zip obsoletes the following HotFix CFEs/SPRs:

HotFix CFE/SPR version	Product
SPR28147_MC40_KK_xx_X0_M1_010720_v2.zip SPR28147_MC40KKxxX0M1010720_v2.apf	MC40
SPR28252_MC40_KK_xx_X0_M1_010720_v1.zip SPR28252_MC40KKxxX0M1010720_v1.apf	MC40

*Note: Latest CFE package includes previous and new SPR HotFix.*

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## Package Details

CFE-MC40-KK-V0-072015\_EN\_v020600.zip

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## Device Compatibility

This HotFix CFE Package software release has been approved for use with the following Zebra devices.

<b>Device</b>	<b>Operating System</b>	<b>BSP Version</b>
MC40N0	Android KK Version 4.4.4	v01.12.072015

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## Installation Requirements

This SW is intended for the MC40 KK device running on 01-12-03-4AJ22-K-V0-M1-072015 build only.

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## Installation Instructions

1. Connect the USB cable from your PC to the device.
2. Make sure MTP mode is selected in the device USB settings and MTP drivers are installed in your PC.
3. The internal SD card of MC40 will be seen in your PC as mounted drive MC40N0.
4. Copy the recovery update zip file “CFE-MC40-KK-V0-072015\_EN\_v020600.zip” to the root folder on internal SD card.
5. Press and hold the Power button on the device until the Device options menu appears.
6. Tap on Reset to reboot the device.
7. When the device is rebooting hold the left Scan/Action button to enter Recovery update mode.
8. When the Recovery Mode home screen (Android logo) appears then release the left Scan/Action button.
9. Touch Home button to enter Recovery menu screen.
10. Click on Vol+ or Vol- to navigate to the "apply update from sdcard" option.
11. Click on PTT key to select the option.
12. Click on Vol+ or Vol- to navigate to the recovery update zip file.

13. Click on PTT key to select the recovery update zip file “CFE-MC40-KK-V0-072015\_EN\_v020600.zip”.
  14. Click on Vol+ or Vol- to navigate “reboot system now” and Click on PTT key to reboot the device.
  15. There are two ways to Check the Android Patch Level after install the CFE package in the device,
    - Settings->About Device-> Zebra Patch Version
    - Run “getprop persist.sys.cfe.patchver” command in ADB Shell.
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## Release Date

February 16, 2016

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