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# Release Notes - Zebra ET50/ET55 Android M to Android L downgrade package v5 Release

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## Description

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This release contains the following software package

**1. ET50 Android M to L downgrade package v5:**

❖ ET500M30XRDEF21330.zip

**Note:** This package should be used for downgrading ET50 Android M to L GMS or ET50 Android M to L Non-GMS.

**2. ET55 Android M to L downgrade package v5:**

❖ ET550M30XRDEF21330.zip

**Note:** This package should be used for downgrading ET55 Android M to L GMS or ET55 Android M to L Non-GMS.

## Device Compatibility

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This software release has been approved for ET50/ET55 Android M models.

## Installation Requirements

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ADB installed on the PC (including adb drivers)

## Installation Instructions

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BEFORE UPDATING THE OS IMAGE, EXTERNAL POWER MUST BE APPLIED TO THE TERMINAL VIA USB CHARGING CABLE OR CRADLE.

PLEASE ENSURE BATTERY LEVEL IS > 30%

### IMPORTANT NOTE:

The new Android hardware can only be used with Android L + CFE04 or above, the downgrade package used must be:

BSP011011 (v011011 ET55 Android L Rev A1) + LifeGuard Update 04 or above for ET55, and  
BSP10821 (v10821 ET50 Android L Rev A) + LifeGuard Update 04 or above for ET50.

## Downgrade procedure to update ET50/ET55 Android M to ET50/ET55 Android L:

1. Downgrade procedure uses Multi-Package update (UPL) mechanism.
2. Complete downgrade process will take ~20 min.
3. All packages/files should be present in same folder path.  
**Note: external sdcard, files should be placed in root folder.**
4. .upl file is the input for downgrade process, which will have the list of packages to be installed during downgrade.
5. upl file name should be "**ET5X-downgrade-to-l.upl**" (should not be renamed) and list of package names should start with "package:"

Sample upl file contents for ET50/ET55 M to ET50/ET55 L downgrade:

```
package:ET5x-ota-M-to-L-downgrade.zip
package:ET5X-ota-full-user-modem-nongms.zip
package:ET5X-ota-incremental.zip
package:ET5X-ota-enterprise_reset.zip
```

Where

**ET5x-ota-M-to-L-downgrade.zip** – ET50 M GSM/Non-GSM to ET50 L GSM/Non-GSM downgrade recovery update package v5(ET500M30XRDEF21330.zip).

And for ET55 M GSM/Non-GSM to ET55 L GSM/Non-GSM downgrade recovery update package v5(ET550M30XRDEF21330.zip).

**ET5X-ota-full-user-modem-nongms.zip** – Released ET50/ET55 Android L OTA Full Software Update which can be GSM or non GSM

**ET5X-ota-incremental.zip** - CFE04 or above ET50/ET55 Android L OTA incremental CFE update software package.

**ET5X-ota-enterprise\_reset.zip** – ET50/ET55 Android L OTA Enterprise reset recovery update package

**Note:** After the downgrade process below contents will be persisted.

- Enterprise
- Factory

For detailed downgrade procedure, please refer

[Zebra ET5x Android Flashing Procedure.pdf](#)

## Downloadable Software Included in this Release

| Filename               | Description                              |
|------------------------|--|
| ET500M30XRDEF21330.zip | ET50 Android M to L downgrade package v5 |
| ET550M30XRDEF21330.zip | ET55 Android M to L downgrade package v5 |

Last Revised: <05-21-2018>