

APIM Firmware Flash Rescue (G-2016)

DISCLAIMER, this is dangerous for those that have an already working APIM.

To rescue a North America (NA) G series Gen 1 2016 APIM from a black screen as a result of firmware programming, load the following files and flash the unit. Follow thru the instructions below.

For NAV:

SBL: (shouldn't have to change this) GB5T-14G376-AA.VBF

Strat: GB5T-14G374-CA.VBF

Cal: GB5T-14G375-DA.VBF (for NA) or GB5T-14G375-FA (ANY region with NAV, US Export)

There seem to be 2 versions of NON-NAV calibrations produced:

For NON-NAV: (G-2016)

SBL: (shouldn't have to change this) GB5T-14G376-AA.VBF

Strat: GB5T-14G374-CA.VBF

Cal: GB5T-14G375-CA.VBF

For NON-NAV: (G-2016 thru H-2017)

SBL: (shouldn't have to change this) GB5T-14G376-AA.VBF

Strat: GB5T-14G374-AF.VBF (Use GB5T-14G374-CD to update)

Cal: GB5T-14G375-BA.VBF (or -BB)

NOTE: The GB5T-14G374-AF.VBF from Ford is broken, bad addresses. Use the file from FORScan support. Uploading strategy file GB5T-14G374-CB may brick the module. Solution is to upload GB5T-14G374-CD instead of GB5T-14G374-CB.

In the FORScan APIM firmware programming screen make sure that nothing says ignored, you should click the button at the bottom that says Force Program, Silence Busses, and Recovery Mode. When it completes, you'll be at the same point you were before, blank screen. Shut the vehicle off. Likely your HVAC buttons will all stay on.

With the vehicle off, only flash the following:

SBL: GB5T-14G376-AA.VBF

ECU Config/Sound Profile (CAN): GB5T-14G379-AA

ECU Config/Illumination Strat (CAN): GB5T-14G379-BA

It should come back to the ford logo when it's complete. Turn vehicle on and it should fully power up.

APIM Firmware Flash Rescue (H-Early 2017)

DISCLAIMER, this is dangerous for those that have an already working APIM.

To rescue a North America (NA) H series Gen 2 early 2017 APIM from a black screen as a result of firmware programming, load the following files and flash the unit. Follow thru the instructions below.

For NAV:

SBL: (shouldn't have to change this) GB5T-14G376-AA.VBF

Strat: GB5T-14G374-CB.VBF

Cal: GB5T-14G375-DA.VBF (for NA) or GB5T-14G375-FA (ANY region with NAV, US Export)

For NON-NAV:

SBL: (shouldn't have to change this) GB5T-14G376-AA.VBF

Strat: GB5T-14G374-CB.VBF

Cal: GB5T-14G375-CA.VBF

In the FORScan APIM firmware programming screen make sure that nothing says ignored, you should click the button at the bottom that says Force Program, Silence Busses, and Recovery Mode. When it completes, you'll be at the same point you were before, blank screen. Shut the vehicle off. Likely your HVAC buttons will all stay on.

With the vehicle off, only flash the following:

SBL: GB5T-14G376-AA.VBF

ECU Config/Sound Profile (CAN): GB5T-14G379-AA

ECU Config/Illumination Strat (CAN): GB5T-14G379-BA

It should come back to the ford logo when it's complete. Turn vehicle on and it should fully power up.

APIM Firmware Flash Rescue (H-J-PRE-2018.5)

DISCLAIMER, this is dangerous for those that have an already working APIM.

To rescue a North America (NA) H or J series Gen 2 PRE-2018.5 APIM from a black screen as a result of firmware programming, load the following files and flash the unit. Follow thru the instructions below.

For NAV:

SBL: (shouldn't have to change this) GB5T-14G376-AA.VBF

Strat: HB5T-14G374-CA.VBF

Cal: HB5T-14G375-DA.VBF (for NA) or HB5T-14G375-FA (ANY region with NAV, US Export)

For NON-NAV:

SBL: (shouldn't have to change this) GB5T-14G376-AA.VBF

Strat: HB5T-14G374-CA.VBF

Cal: HB5T-14G375-BA.VBF (for NA) or HB5T-14G375-CA (ROW)

In the FORScan APIM firmware programming screen make sure that nothing says ignored, you should click the button at the bottom that says Force Program, Silence Busses, and Recovery Mode. When it completes, you'll be at the same point you were before, blank screen. Shut the vehicle off. Likely your HVAC buttons will all stay on.

With the vehicle off, only flash the following:

SBL: GB5T-14G376-AA.VBF

ECU Config/Sound Profile (CAN): GB5T-14G379-AA

ECU Config/Illumination Strat (CAN): HB5T-14G379-BA

It should come back to the ford logo when it's complete. Turn vehicle on and it should fully power up.

APIM Firmware Flash Rescue (J-K 2018.5)

DISCLAIMER, this is dangerous for those that have an already working APIM.

To rescue a North America (NA) J series Gen 3 2018 (and early K series) APIM from a black screen as a result of firmware programming, load the following files and flash the unit. Follow thru the instructions below.

For NAV:

SBL: (shouldn't have to change this) GB5T-14G376-AA.VBF

Strat: 1U5T-14G374-DA.VBF

Cal: 1U5T-14G375-DA.VBF

For NON-NAV:

SBL: (shouldn't have to change this) GB5T-14G376-AA.VBF

Strat: 1U5T-14G374-DA.VBF

Cal: 1U5T-14G375-CA.VBF

In the FORScan APIM firmware programming screen make sure that nothing says ignored, you should click the button at the bottom that says Force Program, Silence Busses, and Recovery Mode. When it completes, you'll be at the same point you were before, blank screen. Shut the vehicle off. Likely your HVAC buttons will all stay on.

With the vehicle off, only flash the following:

SBL: GB5T-14G376-AA.VBF

ECU Config/Sound Profile (CAN): GB5T-14G379-AA

ECU Config/Illumination Strat (CAN): JB5T-14G379-BA

It should come back to the ford logo when it's complete. Turn vehicle on and it should fully power up.

APIM Firmware Versions

3.4 APIM NAV & NON-NAV Unit Firmware (Production Release, 2020 L Series)

GB5T-14G376-AA
1U5T-14G374-EK or 1U5T-14G374-EL
1U5T-14G375-DA (1U5T-14G375-CA NON-NAV)
GB5T-14G379-AA
5U5T-14G379-BC

3.4 APIM NAV & NON-NAV Unit Firmware (Production Release, 2019, K Series)

GB5T-14G376-AA
1U5T-14G374-EE or 1U5T-14G374-EH
1U5T-14G375-DA (1U5T-14G375-CA NON-NAV)
GB5T-14G379-AA
5U5T-14G379-BA

3.2/3.3 APIM NAV & NON-NAV Unit Firmware (Production Release, 2018.5, J-Early K Series)

GB5T-14G376-AA
1U5T-14G374-DA
1U5T-14G375-DA (1U5T-14G375-CA NON-NAV)
GB5T-14G379-AA
JB5T-14G379-BA

3.0 APIM NAV & NON-NAV Unit Firmware (Production Release, 2017-Pre-2018.5, H-Early J Series) (Originally Found On 2017/Early 2018 Units That Ship with 2 USB Ports on Back)

GB5T-14G376-AA
HB5T-14G374-CA
HB5T-14G375-DA or HB5T-14G375-FA (HB5T-14G375-CA NON-NAV)
GB5T-14G379-AA
HB5T-14G379-BA

3.0 APIM NAV Unit Firmware (Production Release, 2016-Early 2017, G-Early H Series)

GB5T-14G376-AA
GB5T-14G374-CA or GB5T-14G374-CB
GB5T-14G375-DA or GB5T-14G375-FA (GB5T-14G375-CA NON-NAV)
GB5T-14G379-AA
GB5T-14G379-BA

3.0 APIM NON-NAV Unit Firmware (Production Release, 2016-2017, G-H Series)

GB5T-14G376-AA
GB5T-14G374-AF (Use GB5T-14G374-CD to update)
GB5T-14G375-BA (or -BB)
GB5T-14G379-AA
GB5T-14G379-BA

APIM Flash Order and Region Info

This is the correct order to flash the APIM firmware:

GB5T-14G376-AA.vbf (Secondary Boot Loader) //Mandatory
XXXX-14G374-EF.vbf (Direct Config Configuration/Strategy (F188)) //Mandatory
XXXX-14G375-FA.vbf (ECU Calibration (F124)) //Mandatory

You can choose to not use the last two vbf files which are audio profiles and illumination calibrations:

GB5T-14G379-AA.vbf (ECU Configuration/Sound Profiles (F10A)) //optional
XXXX-14G379-BA.vbf (ECU Configuration/Illumination Strategy (F16B)) //optional

Regarding the correct 14G375 files here a short summary:

XXXX-14G375-A*.vbf 8GB / 16GB EU without NAV
XXXX-14G375-B*.vbf 8GB / 16GB NA without NAV
XXXX-14G375-C*.vbf 8GB / 16GB ROW without NAV
XXXX-14G375-D*.vbf 32GB NA with NAV (Telenav)
XXXX-14G375-E*.vbf 32GB CHINA with NAV (Telenav)
XXXX-14G375-F*.vbf 32GB ANY region with NAV (US Export vehicles) (Telenav)
XXXX-14G375-G*.vbf 32GB ROW with NAV (NNG)
XXXX-14G375-H*.vbf 64GB EU with NAV (Telenav)
XXXX-14G375-J*.vbf 32GB TURKEY with NAV (Telenav)
XXXX-14G375-K*.vbf 32GB UAE with NAV (NNG)

XXXX = These files change based on calibration version, the other ones (bootloader and audio profiles) rarely change.