

MUSTANG™ GT

GUITAR AMPLIFIER

MUSTANG GT40
MUSTANG GT100
MUSTANG GT200



**ADDENDUM TO
EXPANDED OWNER'S MANUAL
FIRMWARE V2.0
SEPTEMBER 2018**

Fender®

AMPLIFIER AND EFFECTS MODELS

AMPLIFIERS

Recently added Mustang GT amplifier models:

- **IIC+ CLEAN:** Inspired by the clean channel of the Mesa/Boogie Mark IIC+MB.
- **IIC+ LEAD:** Quintessential mid-'80s metal tones inspired by the Mesa/Boogie Mark IIC+MB lead channel.
- **BB15 LOW:** Based on the low gain structure setting of the Bassbreaker 15.
- **BB15 MED:** Based on the medium gain structure setting of the Bassbreaker 15.
- **BB15 HIGH:** Based on the high gain structure setting of the Bassbreaker 15.
- **FBE-100:** Inspired by both lead channels (BE and HBE) of the Friedman BE-100.
- **DUAL SHOWMAN:** Based on the '60s/'70s all-tube Fender classic used on big stages everywhere.
- **TUBE PREAMP:** Direct-to-mixing-desk studio purity with increased tube console-like harmonic coloration.
- **ACOUSTASONIC:** For use with piezo-equipped electric/acoustic guitars. Based on the preamp of Fender's award-winning Acoustasonic amps; flexible string-dynamics feature with selectable notch frequency.
- **ACOUSTIC SIM:** Six distinctive acoustic guitar simulations for transforming electric guitar with great-sounding acoustic tone. Paired with Acoustasonic preamp for additional tone shaping.

CABINETS

Recently added Mustang GT cabinet models:

- **1x12 BB15:** Based on Fender's open-back Bassbreaker 15 cabinet with Celestion® V-Type speaker.
- **1x12 EV:** Based on an open-back Mesa Boogie Mark IIC+ bubinga cabinet with EVM12L speaker.
- **2x15 D130:** Based on a Fender Showman® cab with the distinctive attack of JBL® D130F speakers.
- **4x12 RCT:** Based on a closed-back Mesa Boogie Rectifier 4x12 cabinet with Celestion® V30 speakers.
- **4x12 SOL:** Based on a closed-back Soldano 4x12 cabinet with Eminence® Legend speakers.
- **4x12 FRD:** Based on a closed-back Friedman 4x12 cabinet with Celestion® Greenback speakers.
- **4x12B FRD:** Brighter version of the Friedman 4x12 cabinet model.
- **4x12B V30:** Brighter version of the 4x12 V30 cabinet model.
- **4x12B GB:** Brighter version of the 4x12 GB cabinet model.
- **4x12B 75W:** Brighter version of the 4x12 75-watt cabinet model.

EFFECTS

Recently added Mustang GT effects models:

- **METAL GATE:** Inspired by the ISP Technologies Decimator II G String pedal. Especially ideal for high-gain metal, with a very fast attenuation curve.
- **MOD SMALL HALL REVERB:** Builds on Fender's Small Hall Reverb by adding lush modulation to internal reverb structure. Added high- and low-frequency cut controls further expand creative possibilities.
- **MOD LARGE HALL REVERB:** Similar to Mod Small Hall Reverb above, with modulation added to internal structure of Fender Large Hall Reverb.
- **MYTHIC DRIVE:** Inspired by the '90s-era Klon Centaur; a germanium-diode overdrive with smoothly subtle color and character from a complex gain structure that blends clean and distorted signals without significantly altering guitar tone.
- **SUSTAIN:** Inspired by the MXR M-163 Sustain, a rare 1980s compressor pedal with a particularly strong compression effect and a short attack time.
- **2290 DELAY:** Inspired by the TC Electronic TC 2290 delay, a 1980s studio-standard digital delay still sought after today for its crisp repeats and versatile panning/modulation options.
- **MEMORY DELAY:** Inspired by the Electro-Harmonix Deluxe Memory Man, a late-'70s "bucket-brigade" delay pedal that imparts distinctive character to repeats and modulation.

BLUETOOTH ICONS

When a streaming device is connected to Mustang GT, a Bluetooth icon will appear at the top left of the DISPLAY WINDOW, indicating streaming readiness:

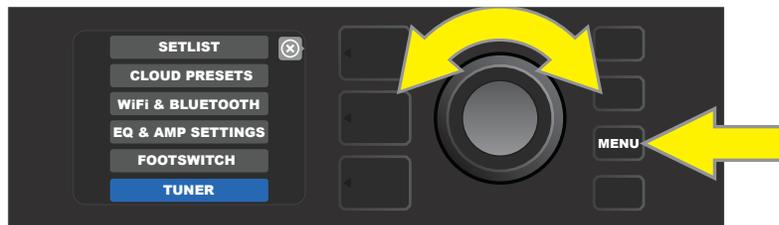


When the Fender TONE app is connected to Mustang GT, a "TONE" icon will appear at the top left of the DISPLAY WINDOW:



ADVANCED TUNER VIEW

A second, more advanced tuner mode has been added as the new default tuner function on Mustang GT. To access it, press the MENU utility button and use the ENCODER to scroll to and select "TUNER":



The previous tuner mode is still available by pressing the bottom LAYER BUTTON corresponding to "view" in the DISPLAY WINDOW:



Mustang GT automatically saves the user's preferred tuner mode.

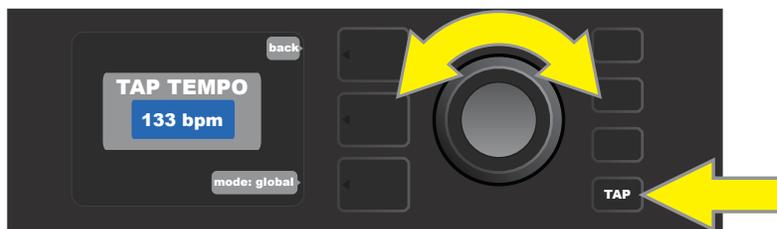
TAP TEMPO SUBDIVISIONS

A new tap tempo feature has been added to Mustang GT's delay and modulation effects, allowing these effects to be synched to the player's preferred BPM rate.

To see the current BPM rate, press the TAP utility button once; the current BPM rate will appear in the DISPLAY WINDOW:



There are two modes for BPM—"global" and "preset". "Global" mode applies a single BPM to all presets. In "preset" mode, each preset has its own BPM, which can be set individually per preset (the default rate is 120 BPM). To switch from one BPM mode to the other, press the bottom LAYER BUTTON corresponding to "mode: preset" or "mode: global" in the DISPLAY WINDOW; turn the ENCODER to adjust the BPM rate:

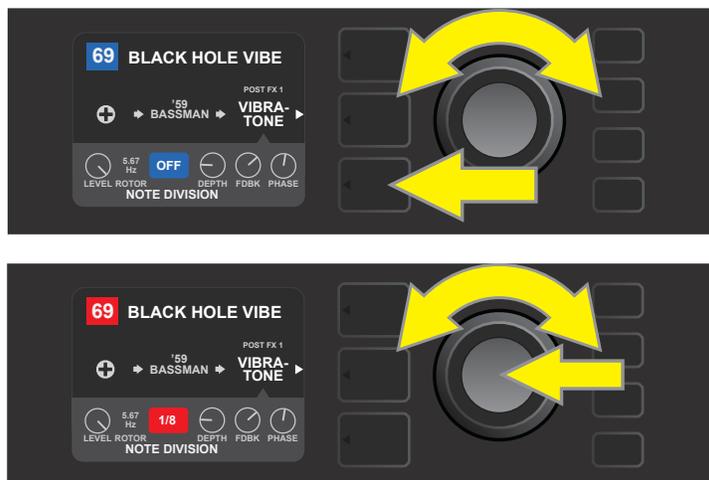


SETTING NOTE DIVISIONS

To synch an effect to the BPM rate, the user can set a specific "note division" for modulation and delay effects. When the note division is set, the time value is automatically calculated to fit with the current BPM setting. If the time parameter is changed, the note division is automatically set to "off".

Note divisions values are off, whole note, half note, dotted half note, half note triplet, quarter note, dotted quarter note, quarter note triplet, eighth note, dotted eighth note, eighth note triplet, sixteenth note, dotted sixteenth note, sixteenth note triplet, thirty second note, dotted thirty second note and thirty second note triplet.

To set note divisions, go to the CONTROLS LAYER of the selected modulation or delay effect by pressing the corresponding bottom LAYER BUTTON. Use the ENCODER to scroll to and select "NOTE DIVISION" (abbreviated "DIV"); then turn and press the ENCODER to select a note division value:



If all note divisions are off and the BPM is set, BPM will correspond to rate of last delay or modulation effect in the signal path.

FOOTSWITCH EFFECTS ASSIGNMENT

With the MGT-4 Footswitch in "EFFECTS" mode, effects *category* configurations (stompbox, modulation, delay, reverb) can be assigned to footswitch FUNCTION buttons 1, 2 and 3.

For example, the user can select a configuration in which all stompbox effects are assigned to footswitch FUNCTION button 1, all delay effects are assigned to footswitch FUNCTION button 2, and all reverb effects are assigned to footswitch FUNCTION button 3. Several such configurations are offered.

To select and use a footswitch effects category assignment, press the MENU utility button and use the ENCODER to scroll to and select the "FOOTSWITCH" menu option:



Use the ENCODER to scroll to and select "MGT-4 (4-BUTTON)":



Use the ENCODER to scroll to and select "FX ASSIGN":



Use the ENCODER to scroll to and select one of several footswitch effects category configurations; the highlighted configuration becomes the active one:

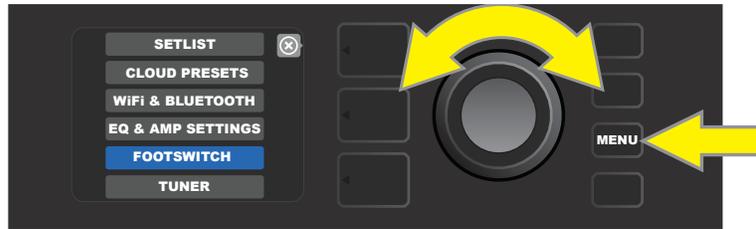


When effects assignment is completed, press the MENU utility button to return to the active preset.

FOOTSWITCH OPTIONS

Based on customer feedback, Mustang GT now includes options for disabling the Looper and Quick Access modes of the MGT-4 Footswitch—providing simplified use for live performance.

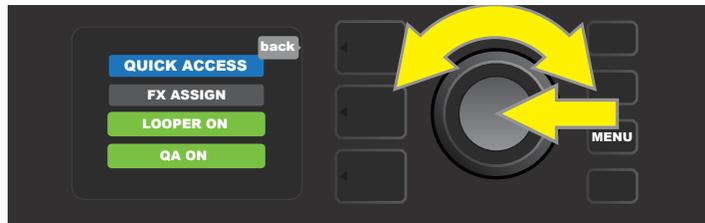
To select and use these footswitch options, press the MENU utility button and use the ENCODER to scroll to and select the “FOOTSWITCH” menu option:



Use the ENCODER to scroll to and select “MGT-4 (4-BUTTON)”:



Use the ENCODER to scroll to and select “LOOPER ON” or “QA ON” (“on” in a green box is the default setting for both):



Press ENCODER to turn selected feature off, on which its box will turn red. Sequential presses of the MGT-4 footswitch MODE switch will now skip any functions disabled in this manner:



When footswitch option selection is completed, press the MENU utility button to return to the active preset.

PRESETS: QUICK-SAVE FAVORITES

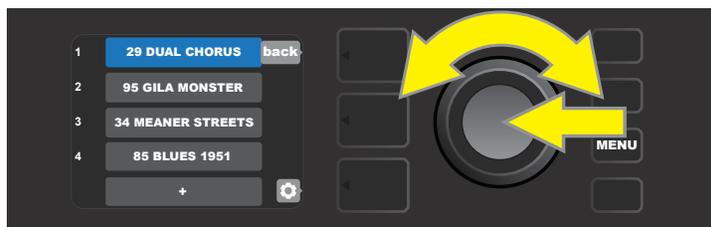
A favorite preset can be saved quickly and conveniently to a "FAVORITES" Setlist. To save a preset in "FAVORITES," simply press and hold the ENCODER for a few seconds until the preset number block turns from blue to gold:



The preset is automatically added to a Setlist titled "FAVORITES," which can be accessed by pressing the MENU utility button and using the ENCODER to scroll to and select "SETLIST." The "FAVORITES" Setlist is always the first one displayed:



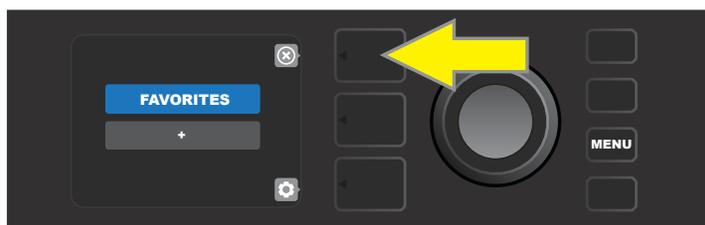
Press the ENCODER on "FAVORITES" to scroll among and select the presets stored there:



To remove a preset from the "FAVORITES" Setlist, press and hold the ENCODER wheel again for a few seconds until the preset number block turns from gold to back to blue.

SETLIST MENU SHORTCUT

The Setlist menu can now be quickly and easily accessed using a shortcut straight from Mustang GT's top control panel. Simply press and hold the top LAYER BUTTON, and the Setlist view will be displayed:



NOTE: The maximum number of Setlists is 25 (including "FAVORITES"); each Setlist can contain a maximum of 50 presets.

MUSTANG GT40 MIDRANGE CONTROL SHORTCUT

Because the Mustang GT40 has no physical midrange control knob on its top control panel, a shortcut now enables midrange adjustment from the top control panel without having to do so by entering the CONTROLS LAYER and using the ENCODER to adjust digital midrange controls found there.

To do this, press and hold the bottom LAYER BUTTON (yellow arrow) and turn the TREBLE control knob. This in effect turns the GT40's top-panel TREBLE control knob into a midrange control knob, with its setting shown by the MID control seen in the CONTROLS LAYER (green arrow):



NEW EFFECTS CATEGORIES

Two new effects categories—"Dynamics + EQ" and "Filters + Pitch"—have been added to the previous four (Stompbox, Modulation, Delay and Reverb). They appear in the effects category menu when adding or replacing an effect:



MENU REORGANIZATION

Mustang GT's utility menu has been reorganized so that all its contents fit into six categories in one screen:



KEYBOARD IMPROVEMENTS

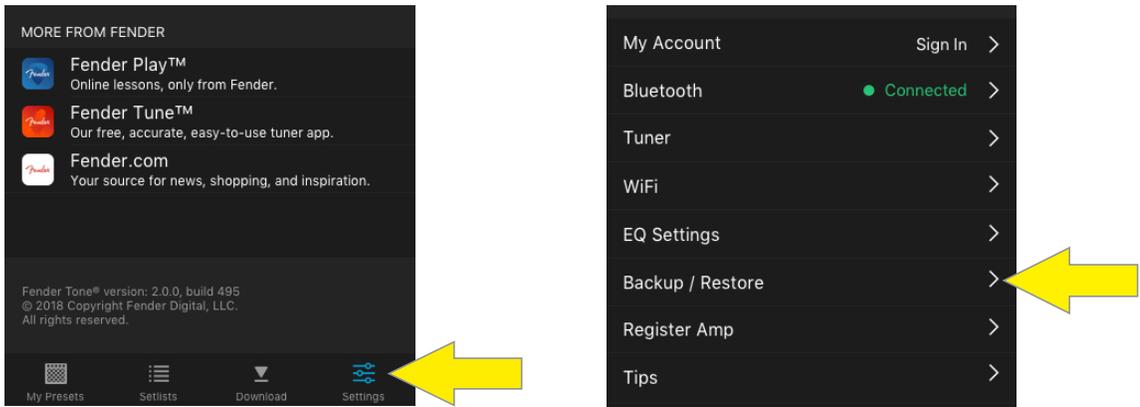
- Top LAYER BUTTON is now a "BACK" button on all DISPLAY WINDOW screens.
- When entering a preset name, WiFi password, cloud preset log-in code, etc., middle LAYER BUTTON now switches among lowercase letters, uppercase letters, numbers and symbols. Button functionality changes depending on characters available for a particular function.
- Top-panel "SAVE" button will always illuminate when content changes are made. "SAVE" button must be pressed to save any changes.

BACKUP/RESTORE FOR PRESETS AND SETLISTS

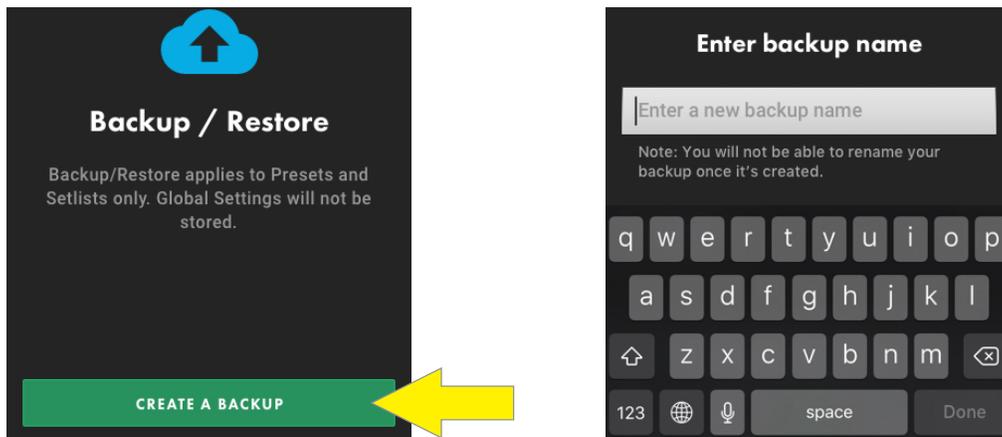
Based on substantial user feedback, Mustang GT amps now have cloud-based backup and restore features for presets and Setlists, both using the Fender Tone™ app. A Fender Connect account is necessary to use these features (Fender Connect accounts can be created on the Fender website at www.fender.com/toner/ by clicking “Sign In” at top right of the screen, or from the Tone app by tapping “My Account” in the settings screen).

BACKUP FOR PRESETS AND SETLISTS

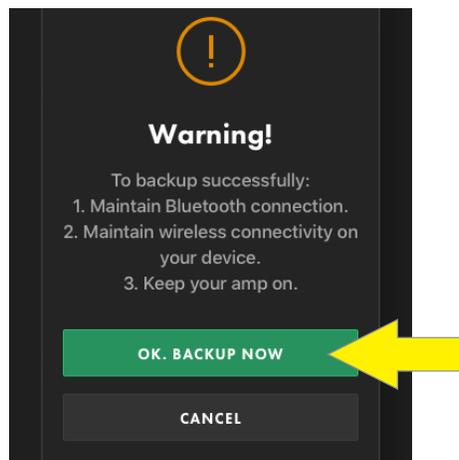
To *backup* all presets and Setlists to the cloud, first connect to Fender Tone and open the app. In the app, go to the “SETTINGS” menu at the bottom of the screen, then select “BACKUP/RESTORE”:



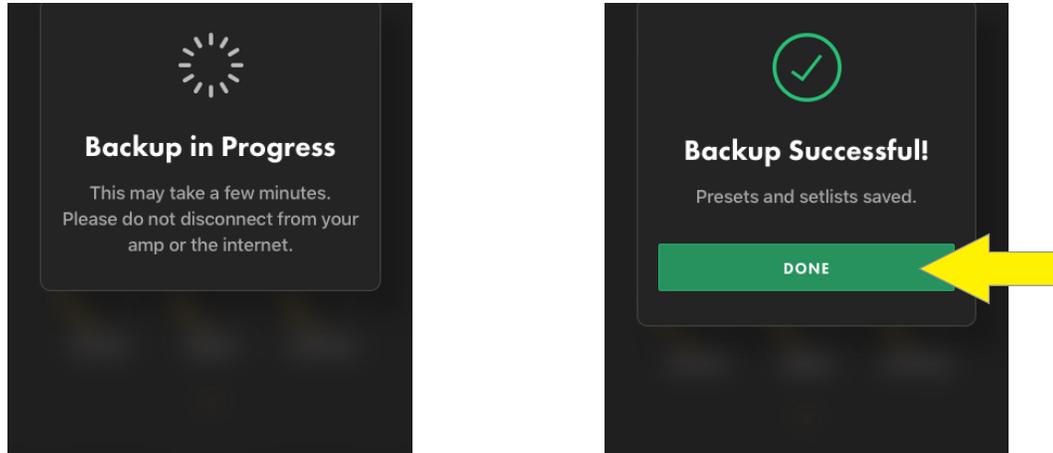
The *first* time a backup is created, the user is prompted to select “CREATE A BACKUP”, then to enter a backup name:



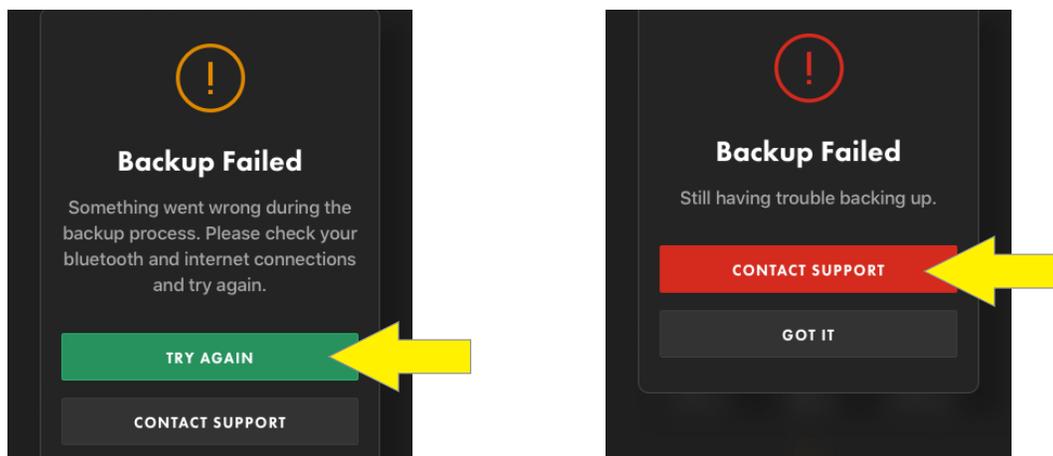
After a backup name is entered, a warning screen prompts the user select “OK BACKUP NOW” or “CANCEL”:



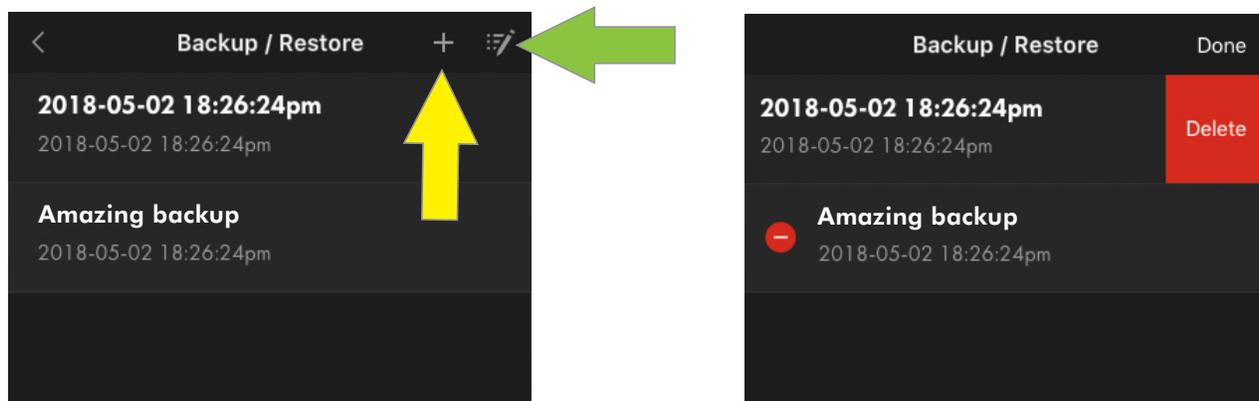
After selecting "OK BACKUP NOW", the "BACKUP IN PROGRESS" and "BACKUP SUCCESSFUL" screens appear, indicating that all presets and Setlists are now backed up. The user then selects "DONE":



Alternately, a "BACKUP FAILED" screen may appear, after which the user selects "TRY AGAIN" or "CONTACT SUPPORT" (the latter directs the user to the Tone app support portal on the Fender website). If the backup fails *again* after selecting "TRY AGAIN", a second "BACKUP FAILED" screen then prompts the user to select "CONTACT SUPPORT", which directs the user to the Tone app support portal on the Fender website, or to select "GOT IT", which returns the user to the "BACKUP/RESTORE" screen:

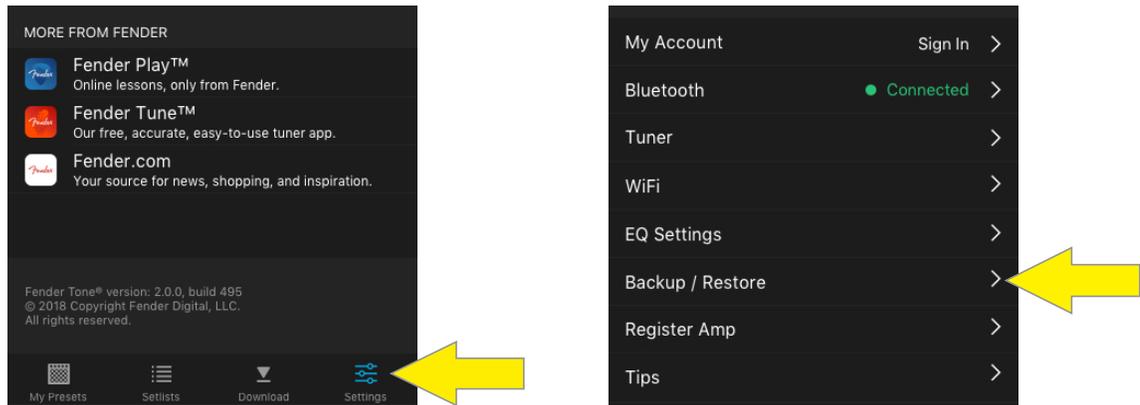


Backups are logged by time and date in the cloud; this backup log can be viewed in the Fender Tone app. By selecting the "edit" symbol at upper right (*green arrow*), a backup can be deleted; note that doing so *deletes the backup from the cloud*, not merely from the backup log. Also note that when creating *subsequent* backups after the first one, the "CREATE A BACKUP" button is replaced by a plus symbol at upper right (*yellow arrow*):

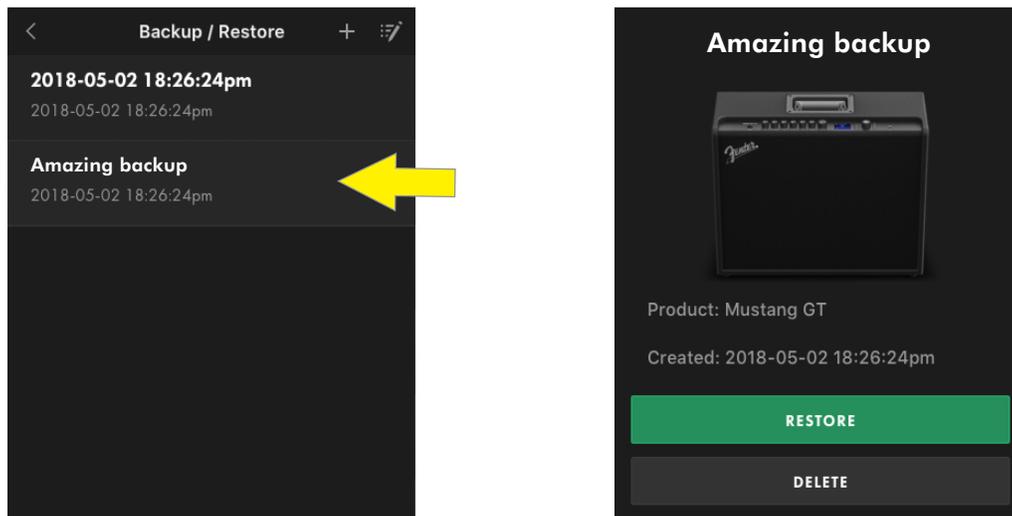


RESTORING/DELETING PRESETS AND SETLISTS

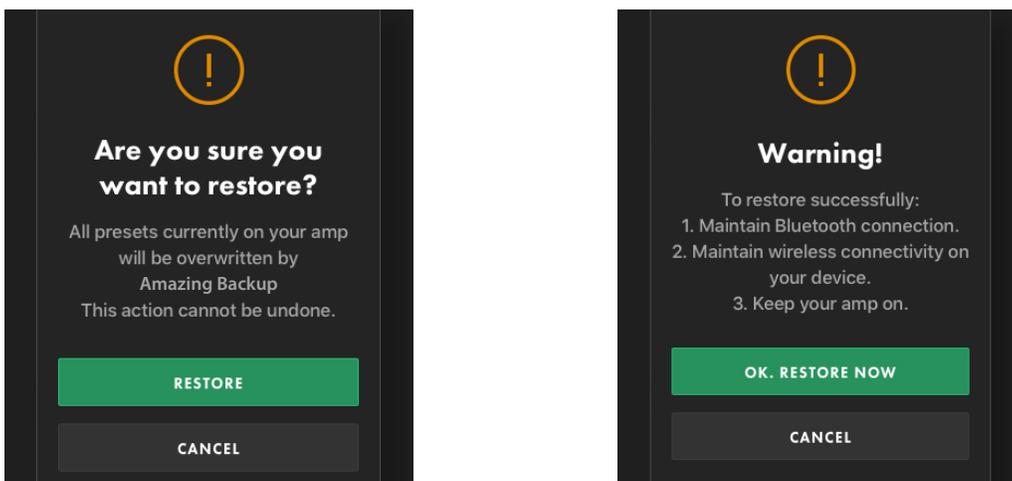
To restore or delete presets and Setlists *from* the cloud, first connect to Fender Tone and open the app. In the app, go to the “SETTINGS” menu and press “BACKUP/RESTORE”:



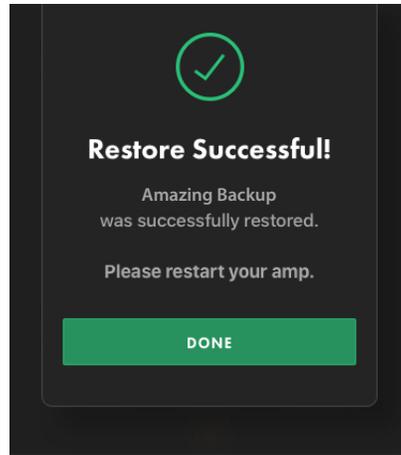
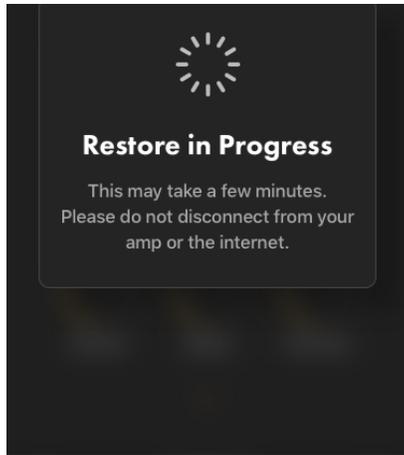
A list of the backups already created will appear; select the one to be restored from the list. A screen detailing the backup will then appear; select “RESTORE” or “DELETE”:



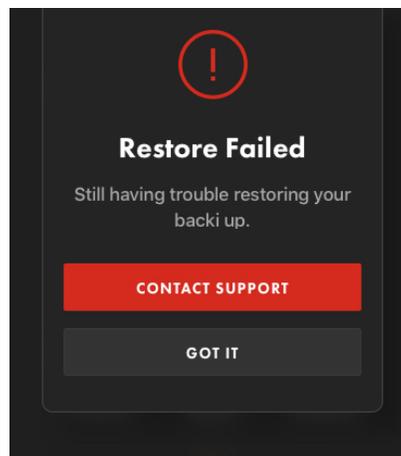
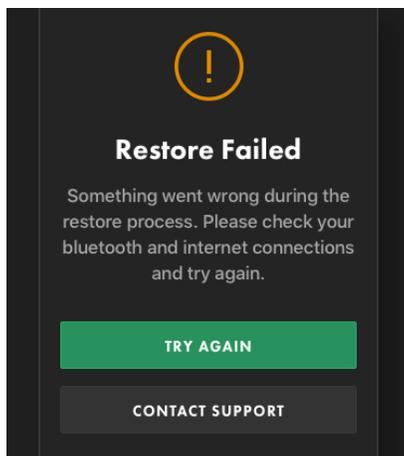
For maximum certainty when selecting “RESTORE,” two successive warning prompts appear for which the user selects “RESTORE” or “CANCEL” two more times:



After selecting “RESTORE” from both warning prompts, the “RESTORE IN PROGRESS” and “RESTORE SUCCESSFUL” screens appear; the user selects “DONE” and then restarts the amplifier:



Alternately, a “RESTORE FAILED” screen may appear, prompting the user to select “TRY AGAIN” or “CONTACT SUPPORT” (the latter directs the user to the Tone app support portal on the Fender website). If the restore fails *again* after selecting “TRY AGAIN”, a second “RESTORE FAILED” screen then prompts the user to select “CONTACT SUPPORT” or “GOT IT”, which returns the user to the “BACKUP/RESTORE” screen:



When “DELETE” is selected, the steps are similar to those described above—a “DELETE” warning screen appears, followed by a “DELETE IN PROGRESS” screen. The result will be either a “DELETE SUCCESSFUL” screen in which the user then selects “DONE,” or a “DELETE FAILED” screen. When a delete fails, the user can make two further attempts; if these fail, the user is presented with the “CONTACT SUPPORT” and “GOT IT” options described above.

Fender, Showman, Acoustasonic and Bassbreaker are trademarks of FMIC. All other non-FMIC product names and trademarks appearing in this manual are the property of their respective owners and are used solely to identify the products whose tones and sounds were studied during sound model development for this product. The use of these products and trademarks does not imply any affiliation, connection, sponsorship, or approval between FMIC and with or by any third party.

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
箱体	O	O	O	O	O	O
喇叭单元*	O	O	O	O	O	O
电子部分	X	O	X	O	O	O
接线端子	X	O	O	O	O	O
电线	X	O	O	O	O	O
附件	O	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制。
O: 表示该有毒有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。
注: 含有有害物质的部件由于全球技术发展水平限制而无法实现有害物质的替代。

*产品含有喇叭单元时有效。

A PRODUCT OF
FENDER MUSICAL INSTRUMENTS CORP.
311 CESSNA CIRCLE
CORONA, CALIF. 92880 U.S.A.

AMPLIFICADOR DE AUDIO
IMPORTADO POR: Fender Ventas de México, S. de R.L. de C.V.
Calle Huerta #279, Int. A. Col. El Naranjo. C.P. 22785. Ensenada, Baja California, México.
RFC: FVM-140508-CIO
Servicio al Cliente: 01(800) 7887395, 01(800) 7887396, 01(800) 7889433

Fender® and Mustang™ are trademarks of FMIC.
Other trademarks are property of their respective owners.
Copyright © 2018 FMIC. All rights reserved.