



SMART ULTRA-SLIM LED TRIM + FOOTWELL LIGHTING KIT

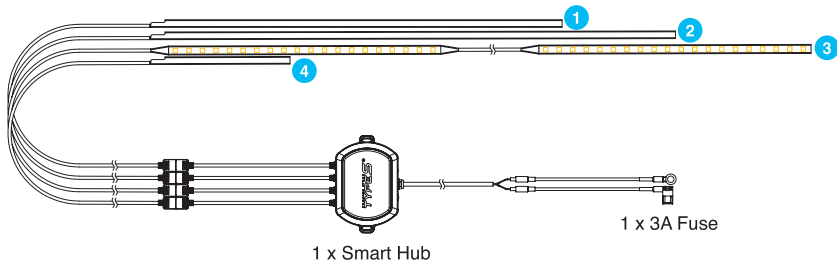
2015-2023 Ford Mustang

WP ITM. LM534223

Installation Guide & Safety Information
Important, retain for future reference:
Read carefully

PACKAGE CONTENTS

1. 1 x 17.5" Lower Dash LED Trim
2. 1 x 22.25" Upper Dash LED Trim
3. 2 x 12" Footwell HyperBright LED Strips
4. 1 x 5.5" Air Vent LED Trim



PACKAGE CONTENTS

INSTALLATION KIT



1 x 3M VHB™ Double-Sided Tape
(For Smart Hub)



1 x 75" 3M™ Double-Sided Tape



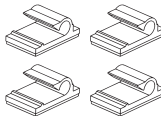
1 x M6 Washer



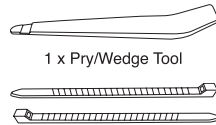
2 x Adhesion Promoters



2 x Alcohol Pads



4 x Cable Clips



1 x Pry/Wedge Tool

2 x Cable Ties

TECHNICAL SPECIFICATIONS

Operating Voltage:	12V DC
Maximum Amp Draw:	2.25A
Trim LED Type:	0807 RGB
Footwell LED Type:	5050 RGB
Frequency Band:	2.4 GHz
Bluetooth / App Distance:	30ft Line-of-sight (Obstacle may create interference)
OS Compatibility:	iOS & Android
Replacement Fuse:	3A
Maximum Wattage Draw:	27W @12V

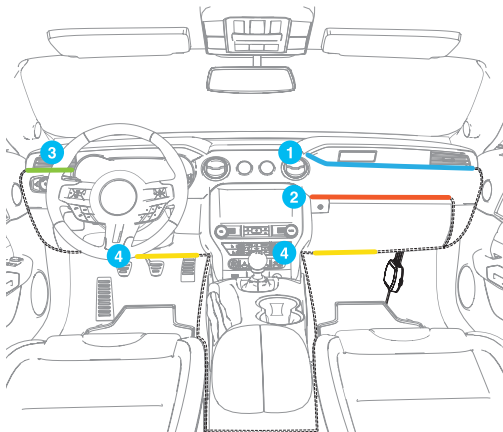
INSTALLATION

Trim Kit Overview:

1. 1 x 22.25" Upper Dash LED Trim
2. 1 x 17.5" Lower Dash LED Trim
3. 1 x 5.5" Air Vent LED Trim
4. 2 x 12" Footwell HyperBright LED Strips

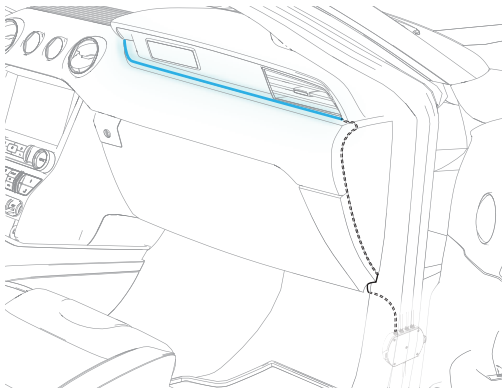
Before You Start:

1. Test the trim kit and App functionality.
2. Disconnect all the light strips from the smart hub.
3. Clean the surfaces for the light strips - glove box trim, passenger-side lower dashboard, driver-side lower dashboard, and fuse box cover panel. Use the alcohol pads to remove dirt or oils to ensure proper adhesion.



INSTALLATION

Installing The Upper Dash LED Trim:



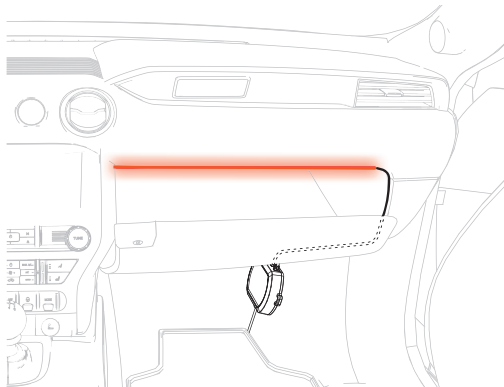
1. Utilize the pry/wedge tool to create space between the passenger-side dash panel. Gently insert the strip into the gap.

CAUTION: Do not use the pry/wedge tool to press against the strip.

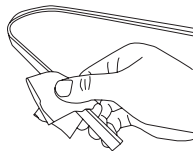
2. Route the power cable through the dash panel gap down to the passenger footwell.

INSTALLATION

Installing The Lower Dash LED Trim:



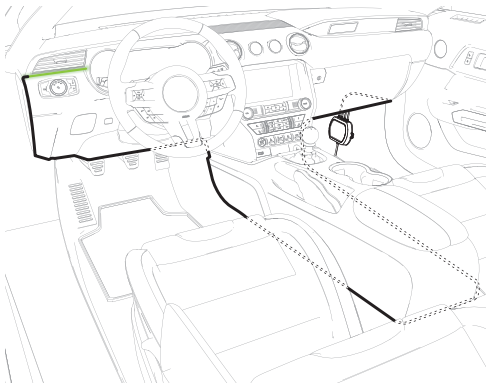
1. Apply adhesive promoter to the strip's surface. Attach the double-sided tape, then remove the backer.



2. Open your vehicle's glove box, and mount the strip onto the glove box trim.
3. Route the power cable down to the passenger footwell.

INSTALLATION

Installing The Air Vent LED Trim:



1. Utilize the pry/wedge tool to create space between the vent trim. Gently insert the strip into the gap.

CAUTION: Do not use the pry/wedge tool to press against the strip.

2. Route the power cable as follows:

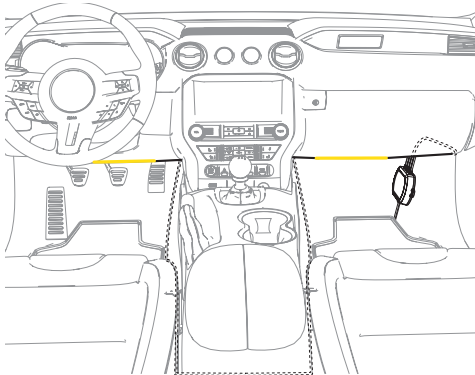
- Dash panel gap
- Driver-side lower dashboard
- Center console*
- Passenger-side lower dashboard
- Passenger footwell

***NOTE:** To route the cable around the center console, first open the console lid and remove the cover. Locate the nuts inside and loosen them slightly — this allows you to lift the console. Carefully route the cable around the console. Once routed, lower the console back into place and tighten the nuts before replacing the cover.

3. Use the cable ties or cable clips to secure any loose wiring. Make sure the cable does not interfere with vehicle operations, drag on the ground, or snag on objects.

INSTALLATION

Installing The Footwell HyperBright LED Trim:



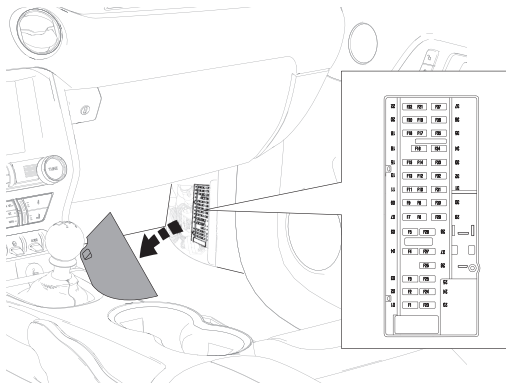
1. Peel back the 3M™ tape backer on the strip nearest to the 4-pin connector. Apply the strip to the passenger-side lower dashboard, gradually removing the backer as you go.
2. From the first strip, route the power cable through the center console to the driver-side lower dashboard.

NOTE: To route the cable around the center console, first open the console lid and remove the cover. Locate the nuts inside and loosen them slightly—this allows you to lift the console. Carefully route the cable around the console. Once routed, lower the console back into place and tighten the nuts before replacing the cover.

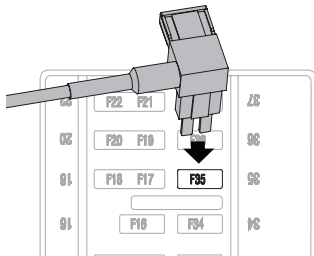
3. Peel back the 3M™ tape backer on the second strip, then carefully apply the strip to the driver-side lower dashboard.

INSTALLATION

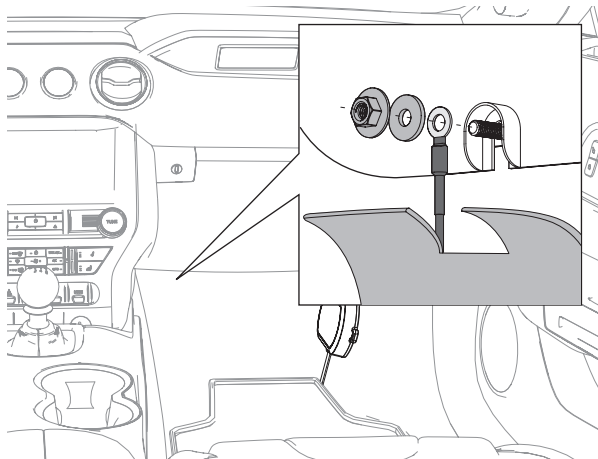
Setting Up The Smart Hub:



1. Locate the fuse box in the passenger footwell. Open the cover panel using the pry/wedge tool.
2. Remove any existing fuse from slot number 35 (recommended), then insert the fuse tap into the same slot.

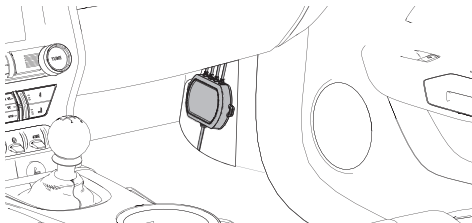


INSTALLATION



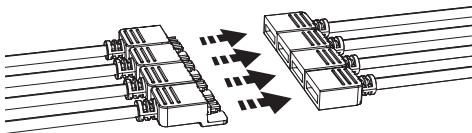
3. Pull back the carpeting directly beneath the passenger-side dashboard to access the ground point (original screw and insert washer).
4. Remove the original insert washer. Attach the flat washer, then the BLACK ring terminal cable to the screw. Reinstall the insert washer.

INSTALLATION



5. Once all connections are made, reinstall the cover panel and reattach the carpeting.
6. Peel off the 3M VHB™ double-sided tape backer and affix the smart hub to the cover panel. Follow the directional label on the hub to ensure proper orientation for G-Sensor functionality.

Connecting The Strips To The Smart Hub:



1. Connect the light strips to the smart hub using the 4-pin connectors. Make sure the round tab fits fully into the notch for proper connection.
2. Use the cable ties or cable clips to secure any loose wiring.

APP INSTALLATION

The auto-sync feature in the TYPE S LED App allows you to manage the trim kit's functions from your phone. To access this feature, scan the QR code below or search for "TYPE S LED" on the App Store or Google Play. Download and install the App.



Compatible with
iPhone, iPad, Mac and
iPod touch running iOS
14 or higher.

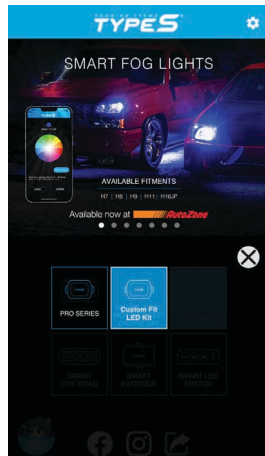


Compatible with devices
running Android™ 9.0 or
higher.

NOTE: Not all Android™
phones are equipped with
Bluetooth® v4.2 required
for this application.

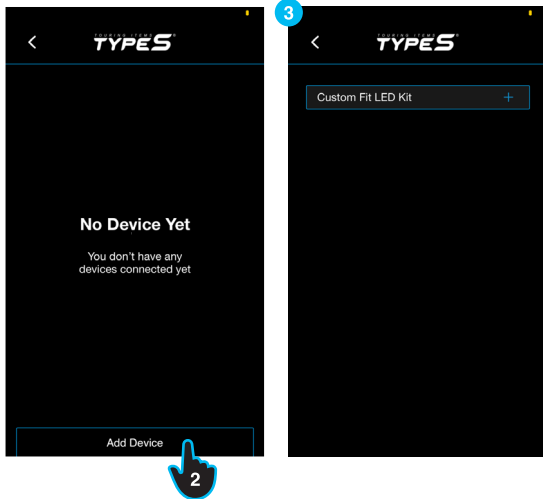
CONNECTING THE APP

1. Choose **PRO SERIES** and **Custom Fit LED Kit** to begin.

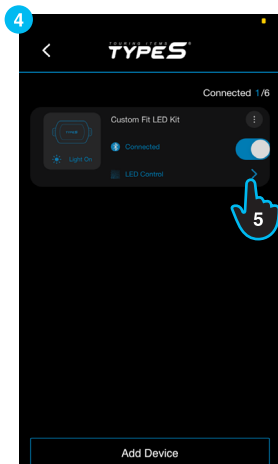


CONNECTING THE APP

2. Click **Add Device**.
3. Make sure your device is within the 30-foot Bluetooth® range. Once it shows up on the list, select **Custom Fit LED Kit** to pair.
4. Upon successful pairing, the screen will show device connected.
5. Click **LED Control** to access and manage the trim kit's functions.



USING THE APP



- A. Master On/Off Switch
- B. LED Zone Functions
- C. Preset Functions
- D. Password
- E. LED Modes
- F. Brightness
- G. Speed
- H. Hyperlight Setting

USING THE APP

A. Master On/Off Switch

Toggle switch to turn the trim kit on or off.

B. LED Zone Functions

Press and hold the zone icon to bring up the following settings under each zone:

- Off
- Move
- Rename
- Select Multiple

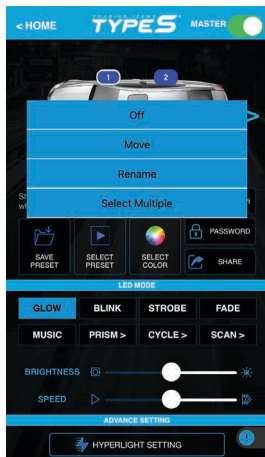
Zone On/Off: Click each zone icon to turn trim kit on or off.

Move Zone Icon: Select “Move” to position each zone icon at your desired location, then confirm the placement.

Rename Zone Icon: Select “Rename” to assign a name to each zone, with a maximum of 4 characters.

Select Multiple: To control multiple zones simultaneously, click “Select Multiple”, then choose your desired zones and confirm the selection. To undo your selection, press and hold the zone icon and select “Ungroup”.

USING THE APP

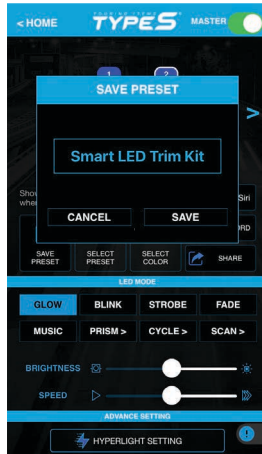


USING THE APP

C. Preset Functions

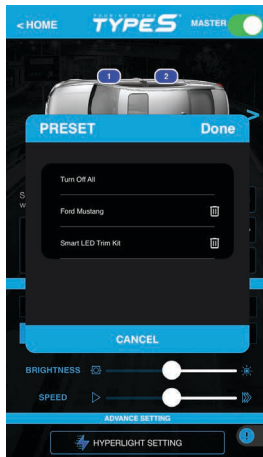
Save Preset: After configuring your settings, click “SAVE PRESET” and enter a name to retain the settings. You can store up to 10 presets.

Select Preset: To retrieve the saved settings, click “SELECT PRESET” and choose your desired preset.



USING THE APP

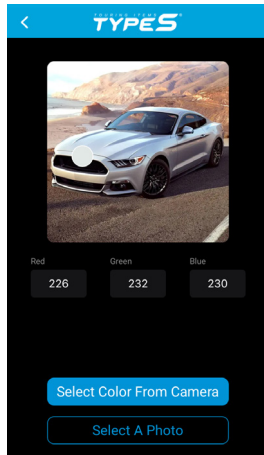
Delete Saved Preset: To delete a saved preset, click “SELECT PRESET”, then choose “Edit”. Click  next to preset you wish to delete and confirm the erase.



USING THE APP

Select Color: Click “Select Color” to choose from the 49 existing presets.

Alternatively, click “Photo Match”. You can use the camera to capture the desired color, or import a photo from your smart device and tap on the area where you want to color match with your trim kit. Add the color and confirm your selection.

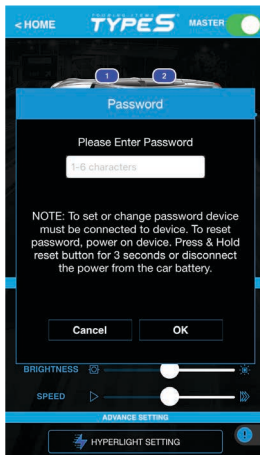


USING THE APP

D. Password

Follow the on-screen instructions to set up a password. This can prevent other devices from controlling your trim kit. Once entered, the password will be saved in the App and the smart hub.

NOTE: To set or revise the password, your device must be connected to the smart hub. Failure to do so may result in an invalid password the next time you access the system.



USING THE APP

E. LED Modes

Choose from the 43 existing modes.

NOTE: These modes are not compatible with the Hyperlight Setting. Switching to any of these modes will overwrite your previous settings.

F. Brightness

Slide bar to adjust brightness.

G. Speed

Slide bar to adjust the speed at which lighting transitions in each mode.



USING THE APP

Sync lights with the music beat

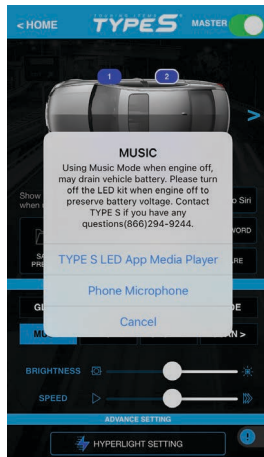
Music Mode offers two ways to sync the lighting tempo with your music:

- 1) Through locally downloaded music files, or
- 2) Through an enabled microphone on the smart device.

Click “TYPE S LED App Media Player” to access and select tracks from your music library, or click “Phone Microphone” to enable your smart device’s microphone. It will capture audio played from another source or device.

Due to copyright restrictions, Music Mode is not compatible with streaming services like Apple Music, Spotify, Pandora, YouTube, etc. Even if music files are saved on your smart device from a streaming service, Music Mode will not work. A TYPE S LED App update will be provided once streaming service support becomes available.

CAUTION: When using Music Mode, ensure the engine is running. Low voltage battery protection is temporarily disabled during Music Mode, and will be reactivated once you manually close or disconnect the TYPE S LED App.



USING THE APP

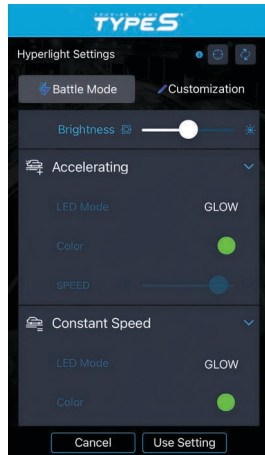
H. Hyperlight Setting

Upon entering Hyperlight Setting, the App will prompt you to calibrate the G-sensor. Please park your vehicle and complete the process for accurate speed detection.

Battle Mode

To engage Battle Mode, select the “Battle Mode” tab and click “Use Setting”.

In Battle Mode, the trim kit color changes with your speed: it glows green when accelerating or maintaining a constant speed, and turns red when decelerating.



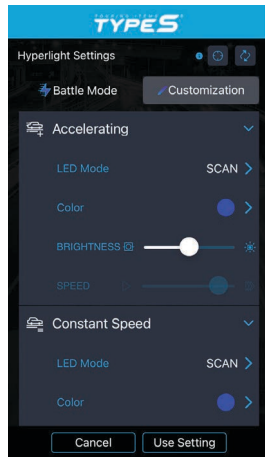
USING THE APP

Customization

You can also create custom colors and light effects for your trim kit that dynamically respond to vehicle speed.

NOTE: When using the Hyperlight Setting, make sure the smart hub is correctly oriented for accurate G-sensor detection (refer to page 12).

If, however, the smart hub is installed in the reverse orientation, there is no need to reinstall it. Simply click , then click  to recalibrate the G-Sensor.



WARNINGS

IMPORTANT SAFETY INSTRUCTIONS

1. **SAVE THESE INSTRUCTIONS** – This manual contains important safety and operating instructions for Smart Ultra-Slim LED Trim + Footwell Lighting Kit Model LM534223.
2. **NEVER** use the App while operating your vehicle. Use the App when vehicle is stationary only.
3. Before using this Smart Ultra-Slim LED Trim + Footwell Lighting Kit, read all instructions and cautionary markings.
4. Do not expose Smart Ultra-Slim LED Trim + Footwell Lighting Kit to rain, moisture, or snow.
5. Use of an attachment not recommended or sold by the Smart Ultra-Slim LED Trim + Footwell Lighting Kit manufacturer may result in a risk of fire, electric shock, or injury to persons.
6. Do not operate product with damaged cord – replace it immediately.
7. Do not disassemble the Smart Ultra-Slim LED Trim + Footwell Lighting Kit; take it to a qualified serviceperson when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.

WARNINGS

8. To reduce risk of electric shock, disconnect all power before attempting any maintenance or cleaning. Turning off controls will not reduce this risk.

WARNING: Check your state or provincial laws before installing. Vehicle owner must comply with all applicable laws. This product is intended solely for decorative purposes. Manufacturer and Seller assume no liability for installation or use, which are solely the responsibility of the purchaser. This product is not DOT approved and is designed and intended for decorative uses only. Do not install or use product if it, in any way, impairs the safe operation of your vehicle.

FCC Compliance Statement:

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or TV interference caused by

WARNINGS

unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNINGS

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation.

⚠ WARNING: This product can expose you to chemicals including Di(2-ethylhexyl) phthalate (DEHP) and Diisononyl Phthalate (DINP), which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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