Morimoto
The Automotive Lighting Benchmark

RGB ROCK LIGHT KIT

XRL20
4 pc Kit

XRL25
6 pc Kit

XRL30
8 pc Kit

WARNING: By reading this document, you agree it is only to be used as an educational guide. Morimoto Lighting nor its dealers make guarantees on any finished results, nor are they to be held responsible for any damage, misuse, or personal injuries. If you are unable to clearly understand and adapt the information below, professional installation is recommended.

WARNING: It is the installer's responsibility to confirm compliance with state and local laws.
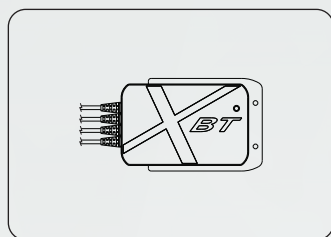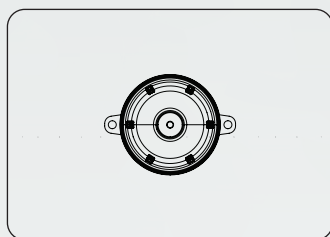
RGB ROCK LIGHT KIT

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WHAT'S INCLUDED

1x XBT CONTROLLER

4-8x ROCK LIGHTS

4-8x MAGNET MOUNTS
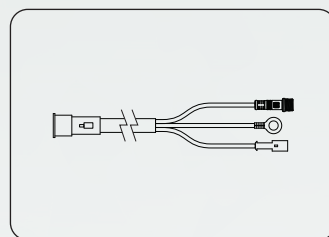
1x SWITCHED HARNESS
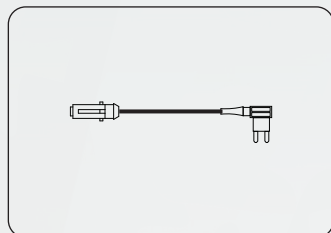
2x FUSE TAPS
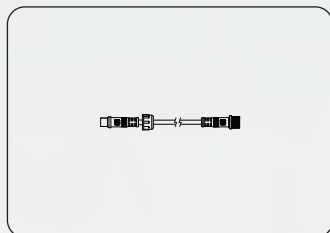
4x EXTENSIONS
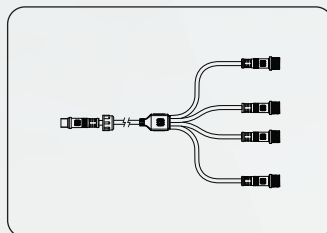
1-2x SPLITTERS
(6/8-POD KITS ONLY)
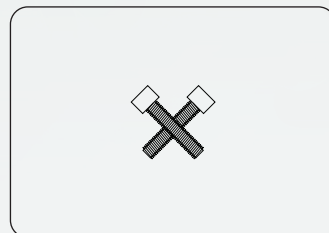
INSTALLATION HARDWARE

NOTE:

These kits are designed to be universal. Each kit includes a variety of splitters and extensions to help make installation at the four corners of your vehicle as easy as possible. To watch a real install and see the kit in action, we have documented the process on several of the most popular applications on our YouTube Channel:

REQUIRED TOOLS

- 3MM HEX KEY / BIT DRIVER
- 12V TEST LIGHT, VOLTMETER, OR MULTIMETER

SYSTEM DIAGRAM - 4 POD KIT (XRL20)

(Not to scale)

ALTERNATE INPUT:

⊕   ⏚

UPFITTER PIGTAIL
(Route to fuse block)

SWITCH
(Route to cabin)
(150in / 381cm)

XBT CONTROLLER

FUSE TAP

⏚ **GROUND**

UNIVERSAL RGBW OUTPUTS
(JST 5 PIN STYLE)

LF WHEEL

SHORT
(3' / 91.4cm Input)

RF WHEEL

LONG
(6' / 183cm Input)

OPTIONAL
EXTENSION
(6' / 183cm)

OPTIONAL
EXTENSION
(6' / 183cm)

OPTIONAL
EXTENSION
(6' / 183cm)

OPTIONAL
EXTENSION
(6' / 183cm)

LR WHEEL

SHORT
(3' / 91.4cm Input)

RR WHEEL

LONG
(6' / 183cm Input)

WIRING INSTALL TIPS - PAGE 6

SYSTEM DIAGRAM - 6 POD KIT (XRL25)

(Not to scale)

ALTERNATE INPUT:

⊕ ⏚

UPFITTER PIGTAIL
(Route to fuse block)

SWITCH
(Route to cabin)
(150in / 381cm)

XBT CONTROLLER

(12in / 30cm)

FUSE TAP

⏚ **GROUND**

UNIVERSAL RGBW OUTPUTS
(JST 5 PIN STYLE)

OPTIONAL
EXTENSION
6' / 183cm)

LF WHEEL

RF WHEEL

SHORT
(3' / 91.4cm Input)

LONG
(6' / 183cm Input)

SPLITTER
(40in / 101cm)

SHORT
(3' / 91.4cm Input)

LONG
(6' / 183cm Input)

OPTIONAL
EXTENSION
(6' / 183cm)

OPTIONAL
EXTENSION
(6' / 183cm)

ADDITIONAL PARTS:

EXTENSION
6' / 183cm)

LR WHEEL

RR WHEEL

SHORT
(3' / 91.4cm Input)

LONG
(6' / 183cm Input)

WIRING INSTALL TIPS - PAGE 6

SYSTEM DIAGRAM - 8 POD KIT (XRL30)

(Not to scale)

SWITCH
(Route to cabin)
(150in / 381cm)

XBT CONTROLLER

ALTERNATE INPUT:

⊕ ⏚

UPFITTER PIGTAIL
(Route to fuse block)

(12in / 30cm)

FUSE TAP

⏚ **GROUND**

UNIVERSAL RGBW OUTPUTS
(JST 5 PIN STYLE)

SPLITTER
(40in / 101cm)

LF WHEEL

SHORT
(3' / 91.4cm input)

SHORT
(3' / 91.4cm input)

RF WHEEL

LONG
(6' / 183cm input)

LONG
(6' / 183cm input)

OPTIONAL
EXTENSION
6' / 183cm)

OPTIONAL
EXTENSION
6' / 183cm)

SPLITTER
(40in / 101cm)

ADDITIONAL PARTS:

EXTENSION
6' / 183cm)

LR WHEEL

SHORT
(3' / 91.4cm input)

SHORT
(3' / 91.4cm input)

RR WHEEL

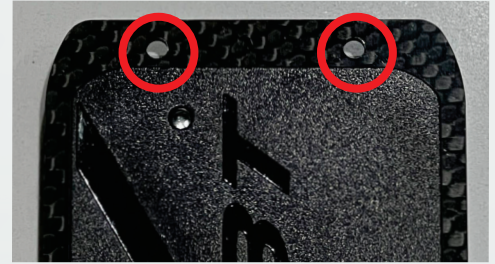**LONG**
(6' / 183cm input)

LONG
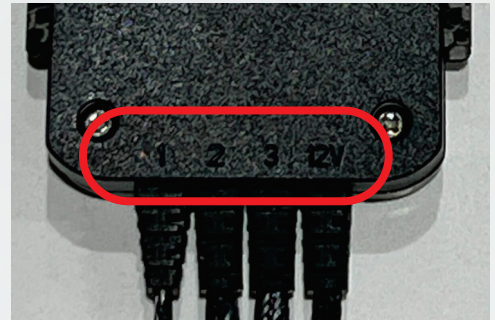(6' / 183cm input)

WIRING INSTALL TIPS - PAGE 6

1

When mounting the controller, use the two holes of the carbon fiber bracket. This ensures wiring exits below the unit for a clean installation.

2

When connecting the XBT Controller to your RGB components, reference the numbers on the back of the unit to ensure the preferred channel is used.

3

With all barrel connections, line up the two arrows, press the connection snugly together, and then finger-tighten the retaining nut to secure.
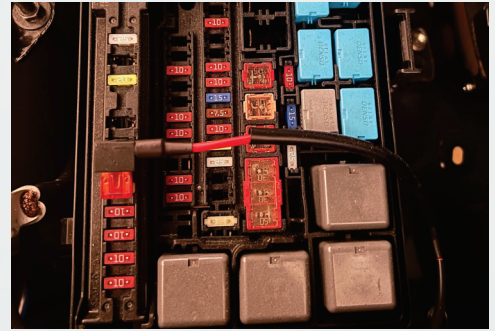

4

In the accessory fuse box of your vehicle, locate an unused fuse slot that has ignition-switched power using a voltmeter, multimeter, or test light.

5 Referencing the two fuse taps included with your rock light kit, determine which tap is the correct model for the powered slot located in step #4. Insert the fuse tap blades into the slot.
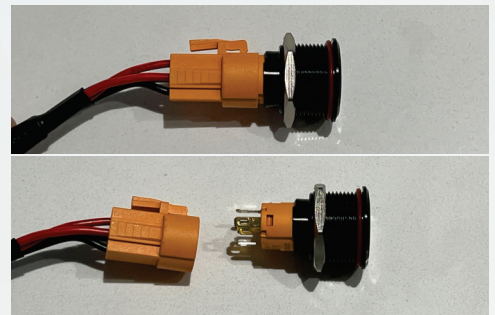

6 To route the fuse tap wiring out of the fuse box, a small notch in the cover may be necessary
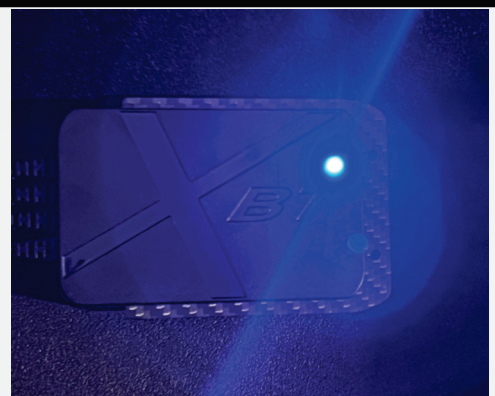

7 When installing the push-button switch, an 11/16in / 18mm hole must be drilled in the location you choose.
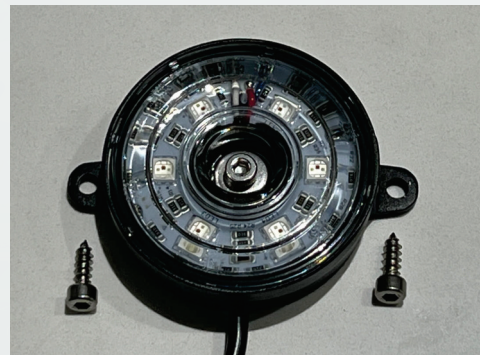

8 Once the input is properly wired and switched on, the blue LED on the XBT Controller will illuminate, indicating it has power and is ready to pair.

9 The rock lights can be mounted to your vehicle using either the included sheet metal screws or magnet mounts.

10 To install the magnets, first remove the center 3mm hex bolt and set aside. The washer will be reused.

11 Install the existing washer on the provided longer screw and reinstall into the center of the rock light. Snug up.
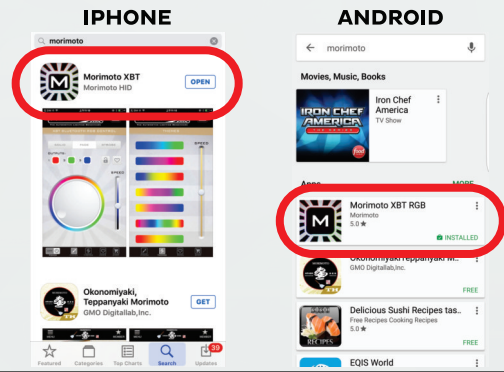

12 Thread the magnet onto the end of the longer screw and hand tighten. The rock light can now be stuck to a metal surface within the wheel well.

1 A free download of our proprietary app is required.
This app can be located simply by searching "Morimoto"
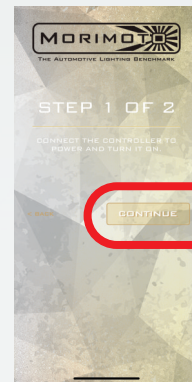on your iPhone or Android phone App Store.

IPHONE   ANDROID

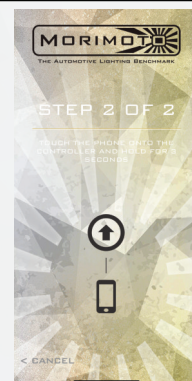**2** Once downloaded, open the app and tap "pair controller".

3 Confirm the blue LED on the XBT Controller is illuminated
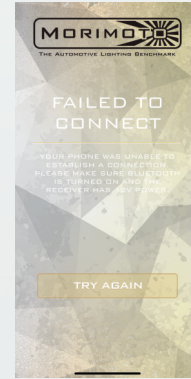and tap "continue" to pair.

4 Touch the phone onto the XBT Controller and hold steady. The
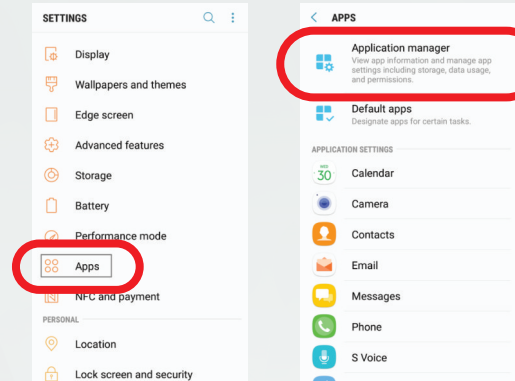two should pair in a few seconds.

If the app failes to connect, this screen will be shown. Ensure the controller's blue LED indicator is illuminated and your phone's Bluetooth is turned on.
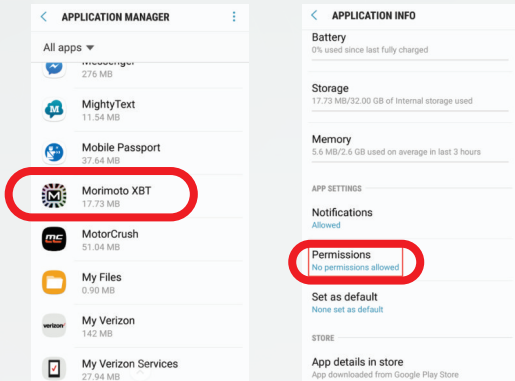
ANDROID LOCATION SERVICES

1 For Android phones, location within the app is required for proper function. Open "Settings" then select" Apps" then "Application manager".
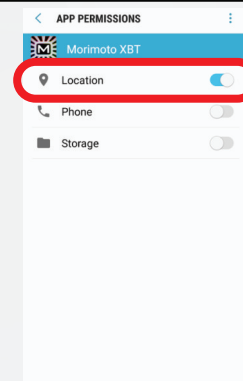

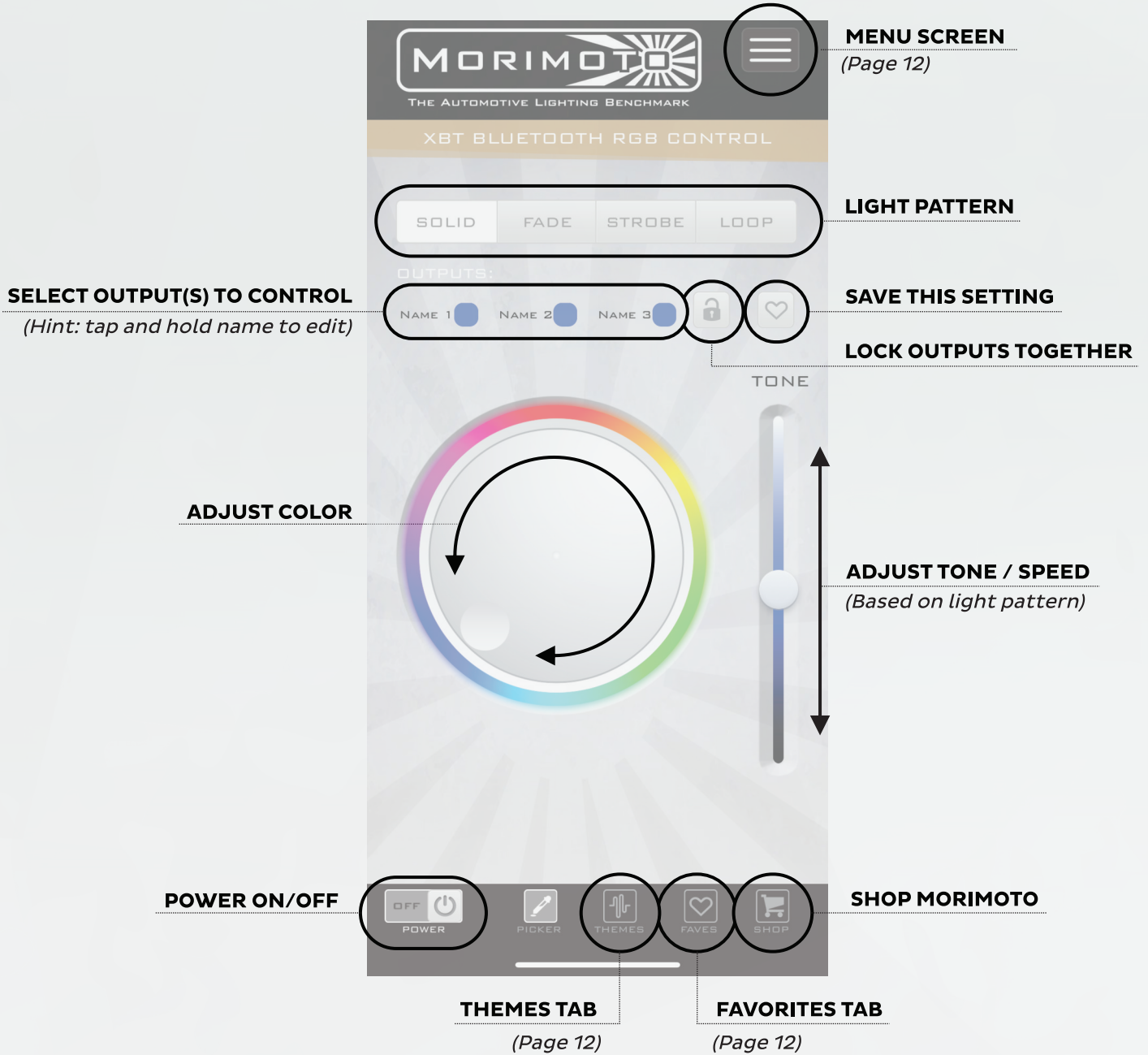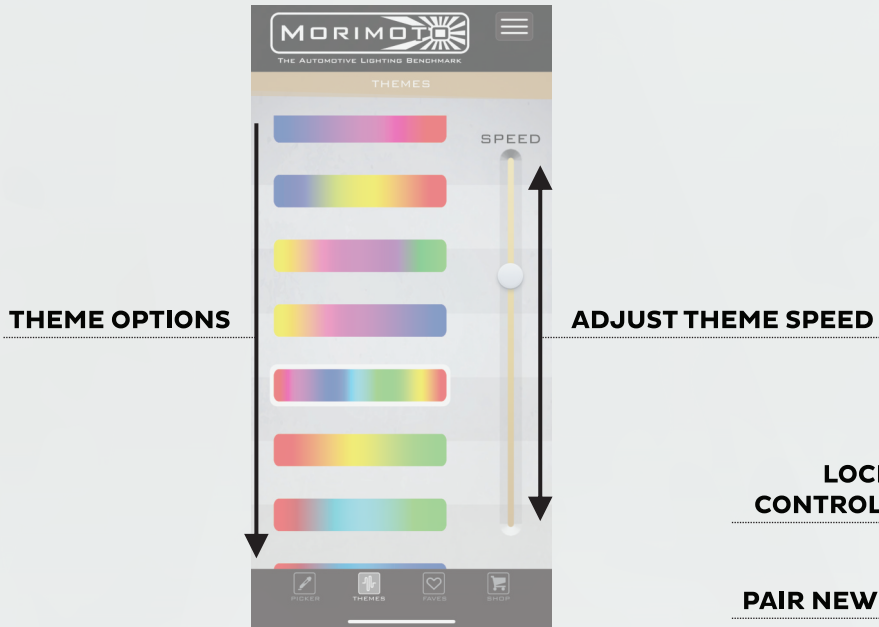**2** Select the "Morimoto XBT" app then "Permissions".

3 Ensure "Location" is switched "on."

CONTROL & FUNCTION WITHIN THE APP

COLOR PICKER / HOME SCREEN

MENU SCREEN
(Page 12)

LIGHT PATTERN

SELECT OUTPUT(S) TO CONTROL
(Hint: tap and hold name to edit)

SAVE THIS SETTING

LOCK OUTPUTS TOGETHER

ADJUST COLOR

ADJUST TONE / SPEED
(Based on light pattern)

POWER ON/OFF

SHOP MORIMOTO

THEMES TAB
(Page 12)

FAVORITES TAB
(Page 12)

MORIMOTO
THE AUTOMOTIVE LIGHTING BENCHMARK
XBT BLUETOOTH RGB CONTROL

SOLID   FADE   STROBE   LOOP

OUTPUTS:
Name 1   Name 2   Name 3

TONE

OFF POWER

PICKER   THEMES   FAVES   SHOP

THEMES TAB

THEME OPTIONS

ADJUST THEME SPEED

MENU SCREEN

LOCK MULTIPLE CONTROLLERS TOGETHER

PAIR NEW RGB CONTROLLER

FAVORITES TAB

APPLY FAVORITE

EDIT FAVORITE