

CHROMA AUS

A U S T R A L I A

FLAMEKIT ELITE

COMPLETE PLUG & PLAY INSTALLATION GUIDE

VERSION 4.0 — CABIN ROUTE SPECIFICATIONS

1. INTRODUCTION & PLUG-AND-PLAY ARCHITECTURE

Thank you for purchasing the **Chroma Aus Flamekit Elite**. This premium wiring system has been fully engineered to be completely plug-and-play. The harness provides all required power and grounding loops natively out of the box, meaning **you do not need to cut, splice, or alter a single factory vehicle wire**.

WARRANTY POLICY — CRITICAL NOTICE

DO NOT CUT OR SPLICE ANY WIRES. The Flamekit Elite provides all necessary accessory power and grounds directly through its specialized design. Modifying, cutting, or splicing any part of this harness—or choosing to bypass any provided component during installation—**WILL VOID YOUR PRODUCT WARRANTY IMMEDIATELY.**

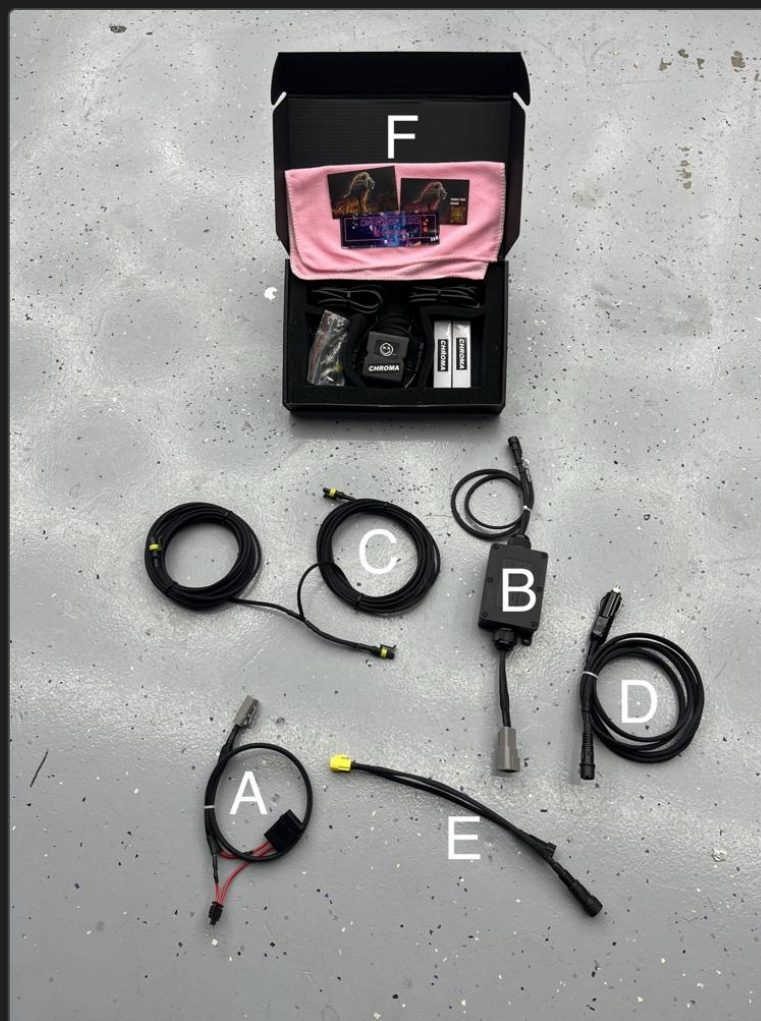


FIGURE 1: COMPLETE FLAMEKIT ELITE SYSTEM PACKAGE OVERVIEW

2. KNOW YOUR PARTS

Every single terminal socket is custom-keyed. Lay out your parts exactly as labeled in the reference master image above before beginning your installation.

ID	COMPONENT NAME	MANDATORY CONNECTION, GENDER RULES & FUNCTION
A	Fuse Box Power Connector	Taps directly into the vehicle's factory coil pack fuse slot to draw direct power. Feeds into the gray receiver plug on the Central Junction Box (Part B).
B	Central Junction Box	The centralized hub of the entire kit. Receives power from Part A and connects inline with the main wiring trunk via a female input port to catch the harness link.
C	Y-Harness / Extension Loom	Multi-run braided main trunk line featuring specific pin configurations: • Short Button Run: Terminated with a female connector to clip into the cockpit trigger line layout. • Short Junction Box Run: Terminated with a short male connector to route straight into the Central Junction Box (Part B). • Long Trunk Run: Terminated with a long male connector extending back down the vehicle body.
D	Cigarette Lighter Adapter	MANDATORY NO-CUT POWER SOURCE. Provides safe interior accessory power. Routes directly to the button assembly via a heavy-duty 3-pin connector with an integrated locking nut.
E	Button Adapter Harness	The cabin control loop interface featuring the **Buttons Yellow Adapter** . Receives accessory power from Part D via a threaded 3-pin connection, hooks into the female run on Part C, and features a terminal output that plugs directly into the launch button mechanism.
F	Flamekit Module	The core system control brain. Configured with a native female receiver connector to plug directly into either the long male run of the harness trunk line (Part C) or your wireless interface control option. Routes output leads straight to the exhaust spark plugs.

3. STEP-BY-STEP INSTALLATION

Follow these steps exactly as written. No wire crimping tools, electrical tape splicing, or factory modification is required.

STEP 1: Tap Into the Factory Coil Pack Fuse Slot

The **Central Junction Box (Part B)** draws its core operating power from the engine ignition circuit via the **Fuse Box Power Connector (Part A)**:

1. Open your vehicle's factory fuse box panel and locate the designated **Coil Pack Fuse slot**.
2. Carefully **remove the existing factory fuse** from that specific slot.
3. Plug the **Fuse Box Power Connector (Part A)** directly into that newly emptied coil pack fuse slot.
4. Take the gray Deutsch connector on the other end of **Part A** and plug it firmly into the gray socket on the **Central Junction Box (Part B)** until it clicks home securely.

STEP 2: Link the Y-Harness Loom to the Central Junction Box

Connect the primary engine-bay signal trunk lines using the targeted harness branches:

1. Locate the ****short male run branch**** on the multi-leg ****Y-Harness Loom (Part C)****.
2. Align it directly with the receiving port on your ****Central Junction Box (Part B)****.
3. Push the connection together firmly until the heavy-duty ****Superseal lock tabs**** snap into engagement. This is a push-click lock terminal and does not require twisting or threading.

STEP 3: Route and Connect the Interior Cabin Control Loop

To deliver essential internal accessory power and signal triggers to the system cockpit array safely without slicing lines:

1. Uncoil the **Cigarette Lighter Adapter (Part D)** completely and plug the barrel firmly into your car's interior 12V accessory port.
2. Route the adapter's output cable toward your cockpit interface control zone.
3. Take the ****three pin connector with the locking nut**** extending from Part D and align it with the matching input terminal on the ****Button's Yellow Adapter (Part E)****.
4. Push the connectors together completely and spin the integrated outer ****locking nut**** clockwise until hand-tight to lock the link down safely.

REMINDER

Do not attempt to slice open this adapter or wire it directly into the dashboard. Leaving this part out or altering it removes the circuit's grounding path and will instantly void your warranty.

STEP 4: Plug in the Cockpit Trigger Button Configuration

Integrate your activation button switch into the dedicated lines on the harness trunk:

1. Locate the **short button run leg** on the **Y-Harness Loom (Part C)**, which features a **female receiving connector**.
2. Connect this female receiving harness connector straight into the matching interface leg on the **Button's Yellow Adapter (Part E)** until it clicks home securely.
3. Mount your launch activation button securely to its designated interior cabin panel slot.
4. Once the button has been fully mounted to the interior panel, take the remaining lead of the **Button's Yellow Adapter (Part E)** and plug it directly into the back of the button to complete the trigger loop.

STEP 5: Final Module & Exhaust Spark Plug Connection

Route the final segment back to the control base:

1. Take the **long male connector run** branch from the **Y-Harness Loom (Part C)** and route it down the floor carpet sills straight back to your vehicle trunk space.
2. Locate the native **female connector port** on your **Flamekit Module (Part F)**.
3. Plug the long male harness run directly into this female port (or into your optional wireless interface package module setup) until it securely latches shut.
4. Connect the designated high-voltage output lines extending from the **Flamekit Module (Part F)** directly to the spark plugs mounted inside the vehicle's exhaust system.

4. TROUBLESHOOTING & CHECKLIST

- **Is any wire sliced?** If yes, the installation is done incorrectly and the hardware warranty is void. Undo the slice and use the provided keyed couplers.
- **Is Part D plugged in?** If the cigarette lighter adapter is not pushed completely into a working live 12V dashboard port, the system components will lack the necessary isolated accessory ground loop and will not activate.
- **Harness Routing Sequence Check:** Confirm that the Button's Yellow Adapter (Part E) acts as the bridge connecting to Part D (via the threaded locking nut run), Part C (via the female harness run), and finally into the mounted button assembly.
- **Coil Pack Fuse Verification:** Ensure that **Part A** is pushed fully down into the exact factory coil pack fuse holder location. If loose, the system will not receive primary power feed.
- **Are all clips snapped?** Ensure the gray plug on Part A and yellow plug on Part E are clicked in deep.
- **Exhaust Lead Inspection:** Confirm that the high-voltage leads running from the Flamekit Module are firmly seated onto the exhaust spark plug terminals.