



# JEEP CUSTOM SWITCH PANEL BANK

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# PRODUCT INFORMATION

## 1 Lasfit Jeep OEM Switch Panel Bank

Fit for 2018+ Jeep Wrangler & 2019+ Jeep Gladiator

## 2 DEFINE YOUR OWN SWITCH

- If you need 8 controls for all your functional gears, including differential lock, choose **FULL KIT (LO-JPS01+LO-JPS03)** for a complete set-up.
- If you've already had factory red switch panel on the left side, choose **KIT A (LO-JPS01)**.
- If you only need 4 controls and want to fill up the gap on the left, choose **KIT B (LO-JPS01+LO-JPSS1)**.
- If you plan to install a differential gear in need of a control panel, or have already installed Lasfit black switch, choose **KIT C (LO-JPS03)**.
- If you've already installed Mopar black switch, choose **KIT D (LO-JPS04)**.

### 3 KEY FEATURES

- **NO Software Update Required**
- **Front & Rear Locker Switch Special Functions**

#### **Front & Rear Locker Switch (only for red switch) Works in 2 Modes**

**1. Default: Locker Mode** - Only operated when your Jeep is in 4L

This safety feature prevents drivers from accidentally engaging the differential and mechanical damage to the Jeep.

**2. Standalone Mode** - F & R work independently as a normal on/off switch

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### 4 PRODUCT SPECIFICATIONS (FOR ONE SWITCH)

Input Voltage: 12V	Fuse Rating: 30Ax4
Feature: 4-Switches Control Panel Power System	Total Output Watts: 800W
Waterproof Rate: IP66	Operating Temp: 14F - 158F
Bracket Material: Iron	Control Box Material: ABS Plastic

# PART COMPONENTS

## KIT A (LO-JPS01)



1 Black Switch Assembly x1

2 Fuse Box x1

3 Fuse Box Bracket x2

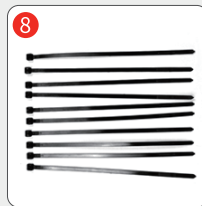
4 Cigarette Lighter Harness x1

5 Switch Assembly Harness x1

6 Zip Ties

7 Screws & Rubber Grommet

## KIT B (LO-JPS01+LO-JPSS1)



① Storage Bin (Left Side)

④ Fuse Box Bracket x2

⑦ Zip Ties

② Black Switch Assembly x1

⑤ Cigarette Lighter Harness x1

⑧ Screws & Rubber Grommet

③ Fuse Box x1

⑥ Switch Assembly Harness x1

## KIT C (LO-JPS03)

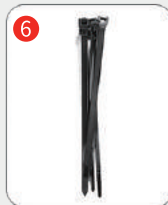
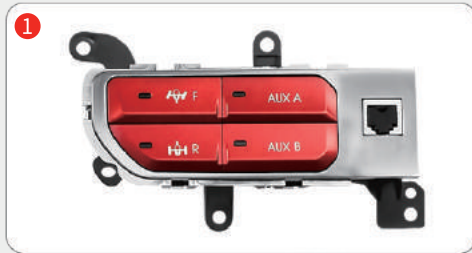


- 1 Red Switch Assembly x1
- 4 Cigarette Lighter Harness x1
- 7 Zip Ties

- 2 Fuse Box x1
- 5 Switch Assembly Harness x1
- 8 6 Pins RJ-45 Cable

- 3 Fuse Box Bracket x2
- 6 Can-bus Harness
- 9 Screws & Rubber Grommet

## KIT D (LO-JPS04)

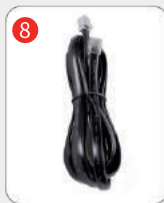
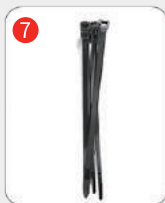
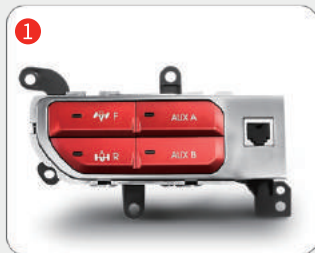


- 1 Red Switch Assembly x1
- 4 Cigarette Lighter Harness x1
- 7 6 Pins RJ-45 Cable

- 2 Fuse Box x1
- 5 Switch Assembly Harness x1
- 8 Can-bus Harness

- 3 Fuse Box Bracket x2
- 6 Zip Ties
- 9 Screws & Rubber Grommet

## FULL KIT: (LO-JPS01+LO-JPS03)



1 Red Switch Assembly x1

4 Fuse Box Bracket x2

7 Zip Ties

10 Screws & Rubber Grommet

2 Black Switch Assembly x1

5 Cigarette Lighter Harness x1

8 6 Pins RJ-45 Cable

3 Fuse Box x2







6 Switch Assembly Harness x1







9 Can-bus Harness

# INSTALLATION

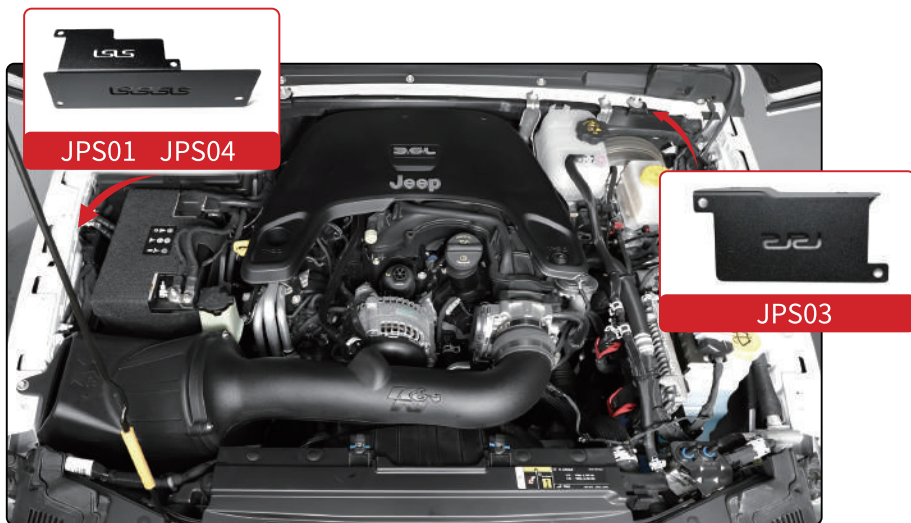
We have customized 4 different mounting brackets for Gasoline/Hybrid/  
EcoDiesel engines. Please use the compatible bracket for your engine according  
to the chart below.



Switches	Engine Bay	Bracket
<p><b>FULL KIT: BLACK &amp; RED (LO-JPS01+LO-JPS03)</b></p>	Gasoline	 
	Diesel	 
	Hybrid	 

Switches	Engine Bay	Bracket
<b>KIT A: BLACK</b> <b>(LO-JPS01)</b>	Gasoline & Hybrid	
	Diesel	
<b>KIT C: RED</b> <b>(LO-JPS03)</b>	Diesel & Gasoline	
	hybrid	
<b>KIT D: RED</b> <b>(LO-JPS04)</b>	Gasoline & Hybrid	
	Diesel	

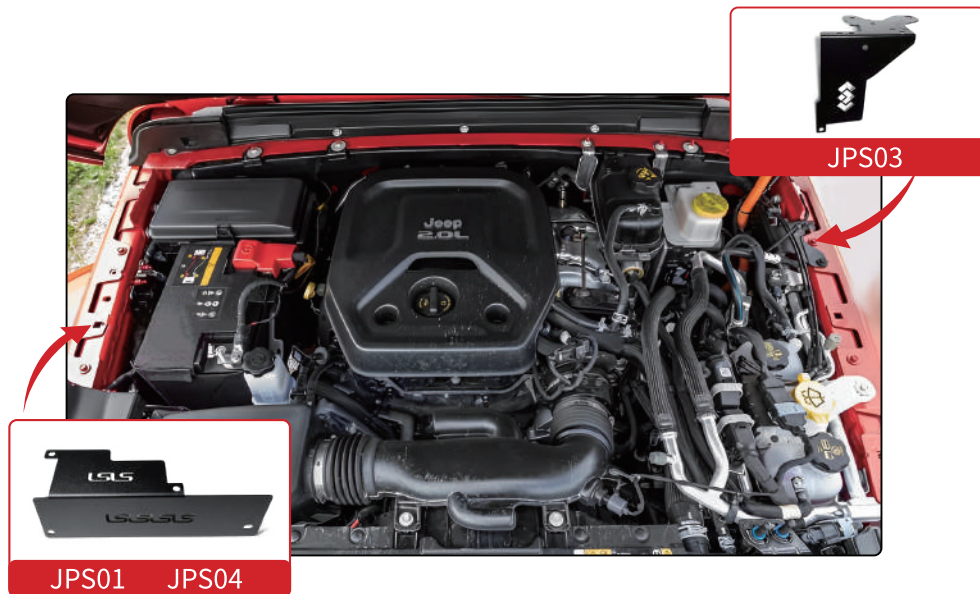
**Examples of what brackets are used and where they're mounted:  
3.6L Gasoline Engine Wrangler / Gladiator**



## 2.0L Turbo Gasoline Engine Wrangler / Gladiator



## 2.0L Gasoline Hybrid Engine Wrangler 4xe



## 3.0L EcoDiesel Engine Wrangler / Gladiator



 Please prepare these tools for installation:



# Tools





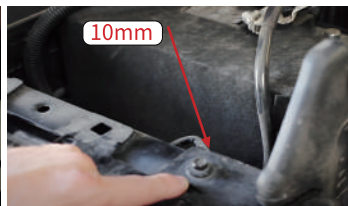
**IMPORTANT: PLEASE DISCONNECT THE NEGATIVE FROM THE BATTERY BEFORE STARTING THE INSTALLATION!**

**Step 1**

**Connect up all the wire harnesses under the hood.**



1.1 Attach the power distribution box to the metal bracket(s).



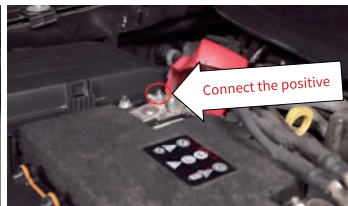
1.2 Use 10mm socket to remove the bolt.



1.3 Mount the bracket(s) with the power distribution.



1.4 Connect the negative power terminal.



1.5 Connect the positive power terminal.

## Step 2

### Route the wires into the cabin.



2.1 Route and zip tie the wires all the way over to the driver's side.



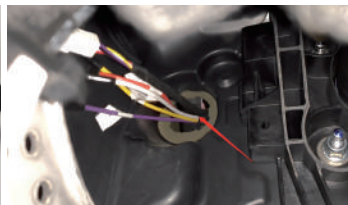
2.2 Disconnect the bolts and run the wires behind the tank.



2.3 Remove the cap.



2.4 Run the leads through the hole of the rubber grommet provided.



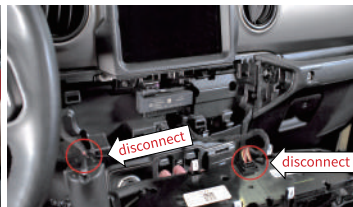
2.5 Feed the harnesses through the firewall into the interior.

### Step 3

## Remove the interior panel



3.1 Use plastic trim removal to remove the top panel first.



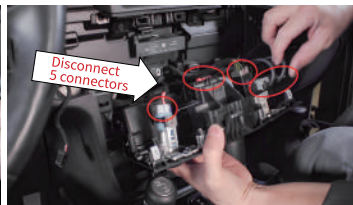
3.2 Disconnect the wire harnesses.



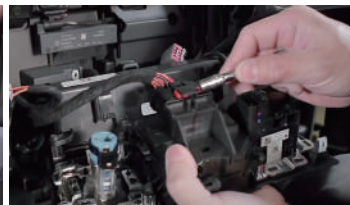
3.3 Remove the phillips head screw up on the top.



3.4 Tug out the panel.



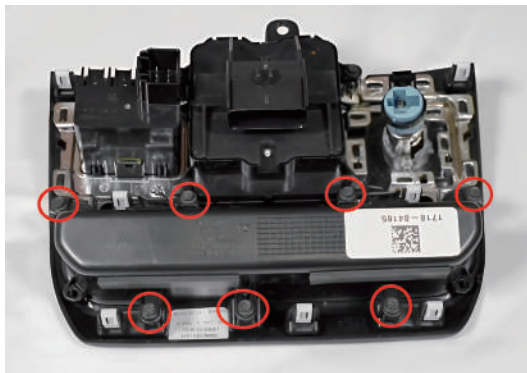
3.5 Disconnect 5 connectors on the back.



\*Push this pin to disconnect the middle one

## Step 4

### Install the switches



4.1 Remove the screws with the 5.5mm socket.



4.2 Install the switches and reinstall those 5.5mm screws.



#### NOTE:

If you need to install two both black and red switches, please make sure the RED Switches installed first.

## Step 5

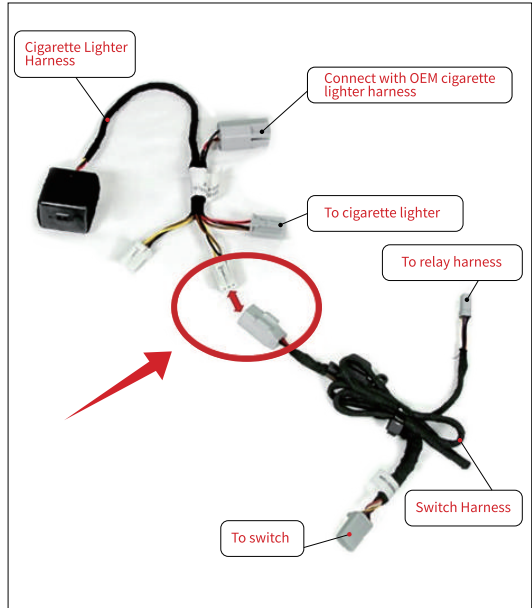
### Run power to the switch



5.1 Remove the black plastic panel.



5.2 Connect the factory cigarette lighter harness (with the blue tab) with our supplied harnesses.





5.3 Connect the Cigarette Lighter Harness to the Switch Hanes.



5.5 Connect to the relay harness and ziptie it.



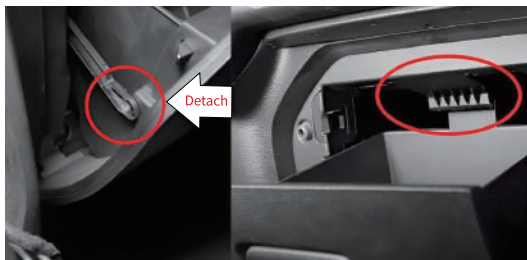
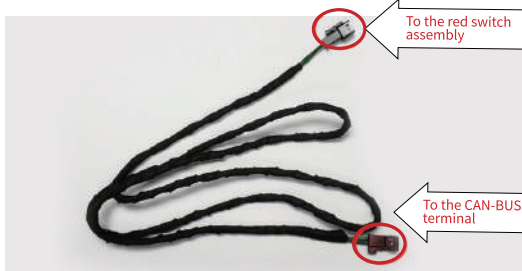
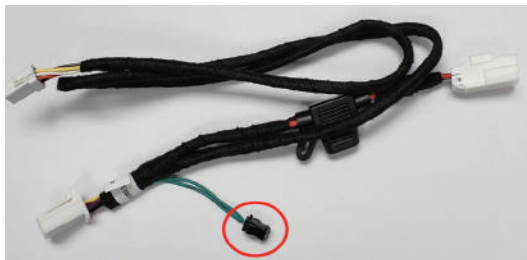
5.4 Run the wire harness behind the dash.



5.6 Put the black plastic panel back on.



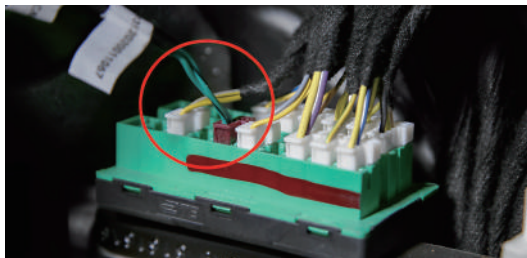
If you need to install Red Switches (LO-JPS03/04),  
Here are some more steps to run power with CAN-Bus connection before connecting all plugs in.



**STEP 1** Remove the glove box by detaching the lack by the side and pushing the tab up.



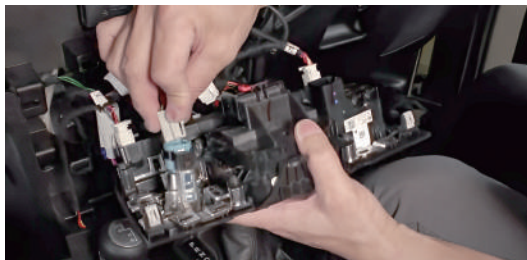
**STEP 2** Run the wire behind the dash.



**STEP 3** Connect the CAN-Bus harness to any available slot.



**STEP 4** Put the glove box back on.



5.7 Connect the switch to the harness and all the plugs we pull out.



5.8 Put the panel back on with newly-installed switches.

## Step 6

Put the whole panel back on and set it all up.



6.1 Reinstall the screw back to the dash.



6.2 Put the top panel back on.



**Please remember to check all connections and zip tie all loose wires out of the way. Reconnect the battery and enjoy your new switches.**

### How to change mode for the Front & Rear Locker Switch?

**Make sure the Jeep is parked, and the engine is off.**

1. Turn on the ignition; you don't need to start the engine.
2. Immediately press and hold the R locker button for 5-7 seconds.

**You will hear beep x 2 times = Standalone mode ON**

**Note: if you don't hear beep x 2 times, you can turn off the ignition and try again.**

You need to press and hold the R locker button within 20 seconds after you turn on the ignition)

To turn locker mode back on, repeat steps 1 and 2, and **you'll hear a beep x 1 time = locker mode ON**



**Warning: DO NOT use standalone mode to control differential locking.**

## FAQ

### **Q1: Do I need to get the Jeep flash by the dealer after installation?**

**A:** No, our switch banks don't require any software updates. Just install and is ready for use.

### **Q2: Do I need to extract wire and re-pin connectors in the Jeep during the installation?**

**A:** No, you don't have to de-pin or re-pin any connectors for the installation.

### **Q3: Why Front & Rear Locker only operated in 4L mode?**

**A:** The Red switch assembly has a CAN-Bus connection between the Jeep. When in locker mode, it only operated when the Jeep is in 4L. This safety feature is the same as the factory locker switches. It prevents drivers from accidentally engaging the differential and mechanical damage to the Jeep.

**Q4: Can I turn off the Front & Rear Locker function? And use the two switches as standalone on/off function?**

**A:** Yes, you can. When in standalone mode, the F & R locker switch works independently as a normal on/off switch.

**Q5: What is the RJ45 jack on the Red switch assembly?**

**A:** The RJ45 jack is an inline coupler for compatible CB radio.

**Q6: What is the difference between KIT C (LO-JPS03) and KIT D (LO-JPS04)?**

**A:** The difference between them is the mounting location of the fuse box. If you already order the black switch (LO-JPS01) from us, you should get the (LO-JPS03). If you already have the Mopar AUX switch bank, you should order the (LO-JPS04), which the fuse box will be mount next to the main battery.

## Q5: Is the Lasfit switch panel system compatible with manual transmission vehicles?

**A:** Our system is NOT compatible with manual transmission. But if you have some methods to safely pass wires through the firewall to your Jeep, then it may work. However, we do not recommend applying our system to manual transmissions in case of any potential risks caused by improper operation.

# OUR GUARANTEES



**45 days money-back  
guarantee**



**3 years hassle-free  
warranty**



**Customer Support Team  
in Ontario, California**



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Call: (909) 758-7900 Mon. - Fri. 9:00 am-5:30 pm (PST)

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