

# WPS



## Electric Starter Pushbutton Switch Wiring Kit

For pushbutton start applications, or where shallow mounting depth is required

WPS1: Base Pushbutton Kit – use your existing key switch. Wiring supports up to 10 Amps.

WPS2: Pushbutton Kit and Off/Ign key switch to turn on ignition (WPS1 + KS2)

WPS3: Pushbutton Kit and Off/Acc/Acc&Ign key switch for ignition and accessories (WPS1 + KS3)

WPS4: Pushbutton Kit and 50 Amp key switch lead wire (WPS1 + KSL50)

WPS5: Pushbutton Kit, Off/Ign key switch, and 50 Amp key switch lead wire (WPS1 + KS2 + KSL50)

WPS6: Pushbutton Kit, Off/Acc/Acc&Ign key switch, and 50 Amp key switch lead (WPS1 + KS3 + KSL50)

1. **Disconnect the battery from the vehicle.** Always do this step as you don't want to be working with your electrical system while the battery is connected. Never skip this step.
2. Locate the pushbutton switch in the kit and mount on the dash. The pushbutton fits in a 15/16" hole.
3. If your kit came with a key switch KS2 or KS3, mount it on the dash. KS2 / KS3 fit in a 3/4" hole.
4. Locate the Brown wire with the white plug. This plug connects to your starter motor. If your starter motor has a #10 stud for start, you will need to use the included heat shrink ring terminal. Cut the plug off, strip the wire 7mm, crimp the ring terminal on the wire, and use a heat gun to shrink and seal the insulation.

### KITS WITHOUT KSL50 (WPS1, WPS2, WPS3)

5. Locate the red wire in the WPS kit. Connect the large ring terminal to the Starter Motor BAT stud.
6. Plan a path for the wires to go to the switches and choose a location along this path for the fuse. The location should be as close as practical to the Starter Motor BAT stud, but still accessible. Cut only the red wire at the chosen location. Do NOT strip the ends. Insert the ends into the blue fuse holder and snap the sides closed using pliers. Insert the 15A blade fuse.
7. Route the red and brown wires through the firewall to the switch location, securing with wire ties. Cut off enough of the red wire to connect the key switch and pushbutton switch and save this for step 8. Terminate the red wire at the key switch BAT connection with a blue #8 ring terminal from the KS2 or KS3 kit.
8. Use the piece of red wire saved in step 7 to connect the key switch and pushbutton switch. Terminate one end with a blue #8 ring terminal from the KS2 or KS3 and connect this to the key switch IGN terminal along with the wire that goes to the ignition system (coil +). Terminate the other end with a blue #6 ring terminal from the WPS1 and connect to one terminal of the pushbutton.

### KITS WITH KSL50 (WPS4, WPS5, WPS6)

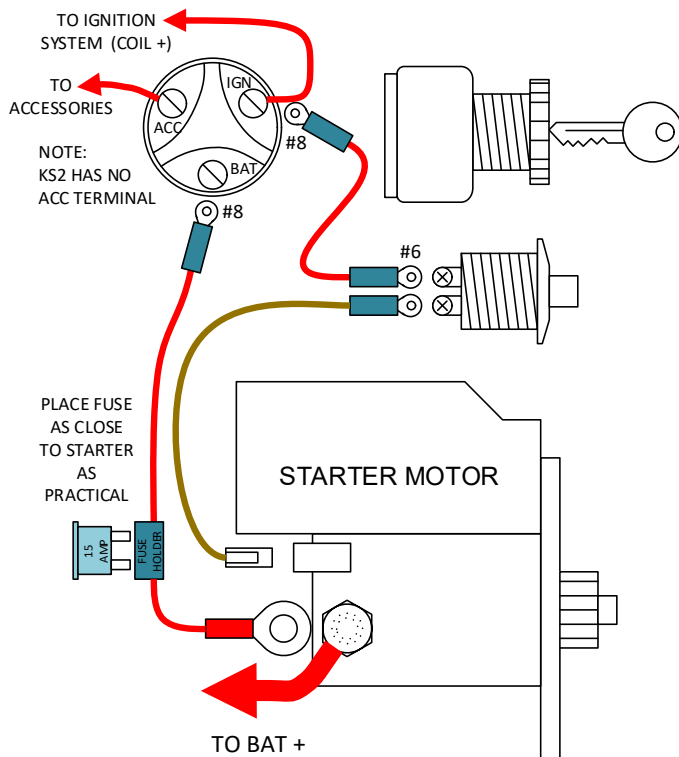
5. Locate KSL50 Key Switch Lead and fuse kit. Connect the end of the red wire with the large ring terminal to the Starter Motor BAT stud.
6. Plan a path for the wires to go to the switches and choose a location along this path for the fuse. The location should be as close as practical to the Starter Motor BAT stud, but still accessible. Cut only the red KSL50 wire at the chosen location, strip the wire ends and crimp on the yellow #10 ring terminals included with KSL50. Attach the 50 Amp fuse with the inline fuse holder.
7. Route the KSL50 red wire and brown wire through the firewall to the switch location, securing with wire ties, and terminate the KSL50 red wire at the key switch BAT connection with a yellow #10 ring terminal.
8. Cut a piece of the smaller red wire from the WPS1 kit to connect the key switch and pushbutton switch. Terminate one end with a blue #8 ring terminal from the KS2 or KS3 and connect this to the key switch IGN terminal along with the wire that goes to the ignition system (coil +). Terminate the other end with a blue #6 ring terminal from the WPS1 and connect to one terminal of the pushbutton.

9. Terminate the end of the brown wire with the other blue #6 ring terminal from WPS1 and connect to the second pushbutton terminal.
10. If your key switch has an ACC connection such as on KS3, connect accessories to this terminal.
11. Reconnect your battery and test your pushbutton starter wiring system.

**Always be safe and disconnect your battery when working on your electrical system!!**

## WPS1, WPS2 & WPS3

FOR SYSTEMS DRAWING 10 AMPS OR LESS  
 WPS1: KEY SWITCH NOT INCLUDED  
 WPS2: WITH KS2 2-POSITION KEY SWITCH  
 WPS3: WITH KS3 3-POSITION KEY SWITCH



## WPS4, WPS5 & WPS6

FOR SYSTEMS DRAWING MORE THAN 10 AMPS,  
 INCLUDES 50 AMP KEY SWITCH LEAD KSL50  
 WPS4: KEY SWITCH NOT INCLUDED  
 WPS5: WITH KS2 2-POSITION KEY SWITCH  
 WPS6: WITH KS3 3-POSITION KEY SWITCH

