

Shaved Door Kit Instructions

Note

This shaved door kit is universal and can be used on any vehicle.

1. 12 volts should be supplied directly from the battery via a 10 gauge power wire.
2. A 30 amp fuse should be installed on the 10 gauge power wire within 6" of the battery.
3. The brain should be placed in a dry place free of signal interference. i.e. factory ECU or after market ignition on opposite side of the fire wall.
4. The solenoid mounting bracket must be grounded for solenoid to operate correctly.
5. Some doors are not grounded due to nylon bushings preventing a metal to metal contact. These type of doors will need to be strapped with a ground connecting the door to the cab or chassis creating a ground.
6. The BROWN, WHITE AND PINK wires are not used.

Wiring on brain is as follows

RED- 12volts

GREY- 12volts

ORANGE- 12volts

BLACK- Ground

BLUE- 85 Terminal on relay for channel 1

GREEN- 85 Terminal on relay for channel 2

PURPLE- 85 Terminal on relay for channel 3 (trunk) eliminate if not used

Wiring for relay is as follows

30- 12 volts

86- Ground

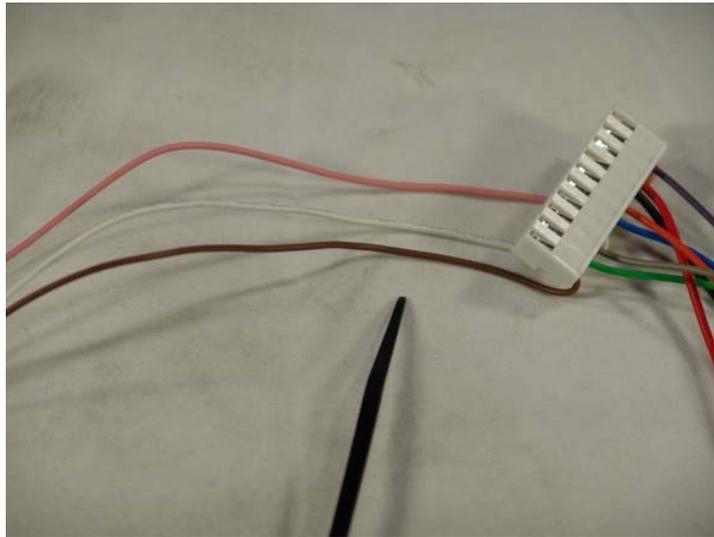
85- Blue or Green from brain

87- To solenoid

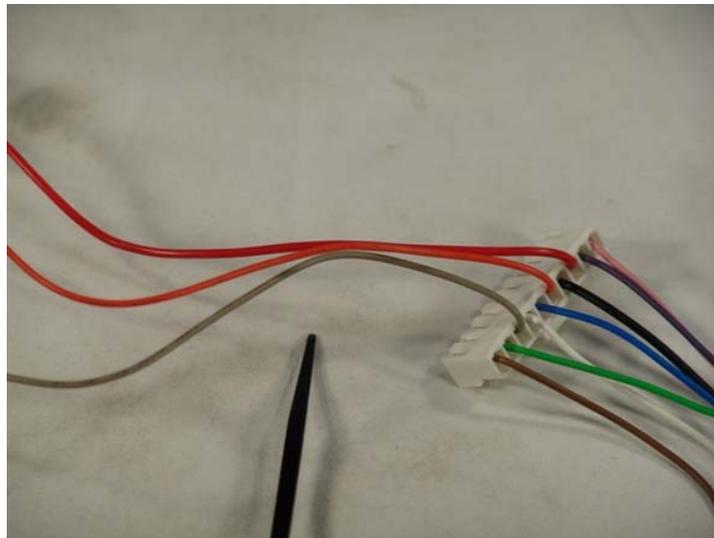
87a- not used

Programming of remote to brain

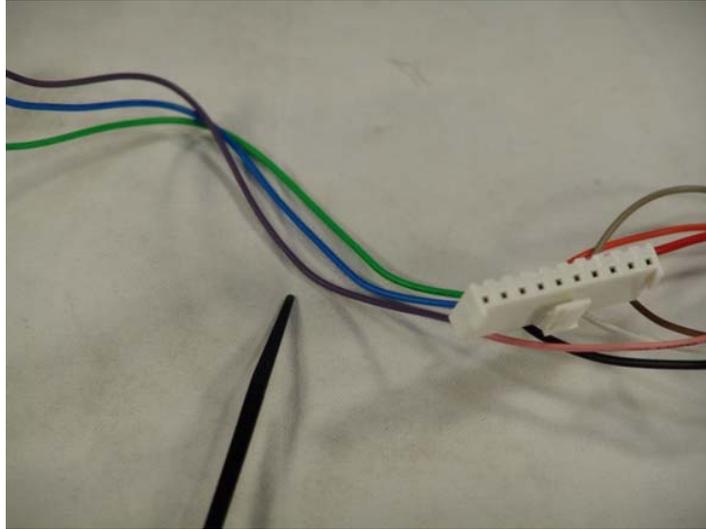
1. Push button on brain next to harness and hold until brain clicks (keep holding once it clicks)
2. Still holding the button on the brain, push channel 1 on the remote until the brain clicks again.
3. Release both buttons as soon as the brain clicks for the second time. The remote is now programmed to the same frequency as the brain.



Brown, White and Pink wires not used



Red, Orange and Grey wires that all get 12 volts



Blue, Green and Purple wires for channel 1, 2 & 3 to be wired to 85 terminals on relays



5 prong relay showing 87 top, 86 left, 85 right and 30 bottom. (87a center is not used)



1

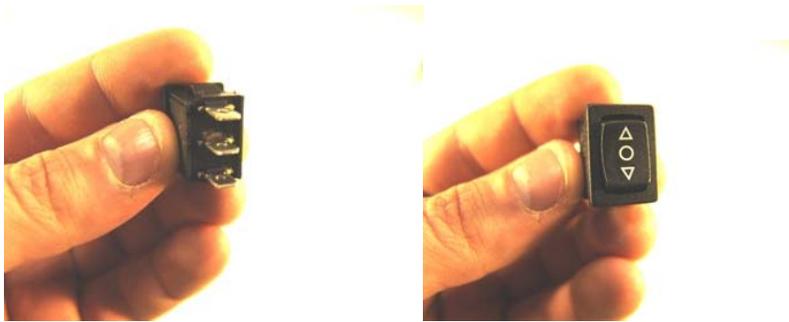
2

3

Solenoids are mounted in the door using supplied brackets and can be mounted horizontal or vertical to work with any latching mechanism. Make sure to ground mounting bracket to ensure proper function of the solenoid referenced in picture 1. Picture 2 shows the cable on the piston of the solenoid. Make sure the cable has a little slack and secure cable using supplied crimp as in picture 2. A 12 gauge wire should be used to connect the solenoid terminal shown in picture 3 to the 87 terminal on the corresponding relay.



Program button next to harness on brain to be used when programming remote



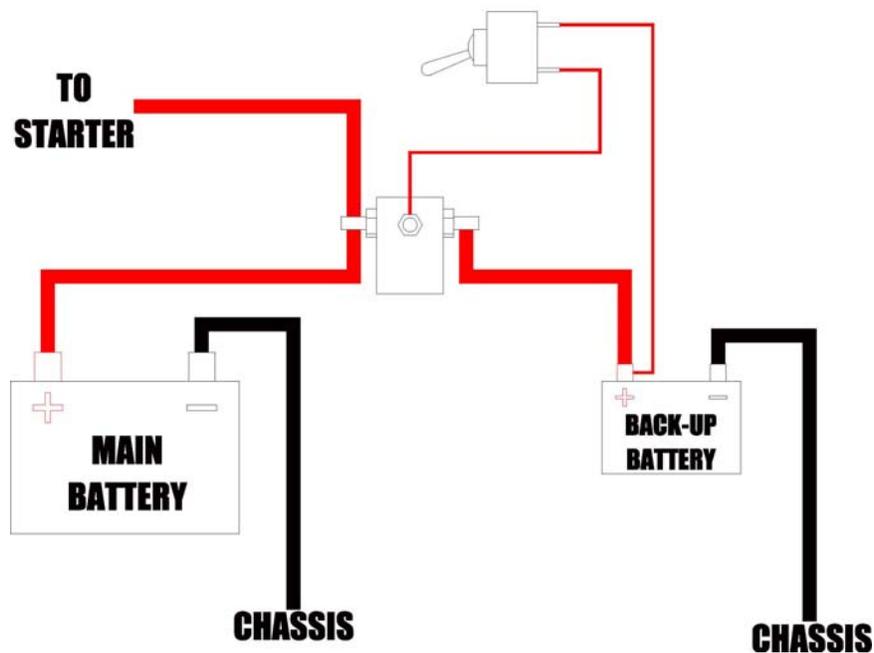
Emergency Bypass Switch. This switch is to enable you to open your doors if your remote does not work.

Emergency Bypass Switch wiring

1. 85 terminal of channel 1 relay
2. 12 volts from battery
3. 85 terminal of channel 2 relay

Optional Emergency Battery Backup

BACKUP BATTERY WIRING DIAGRAM



The switch should be turned on periodically while driving to keep the secondary battery charged.