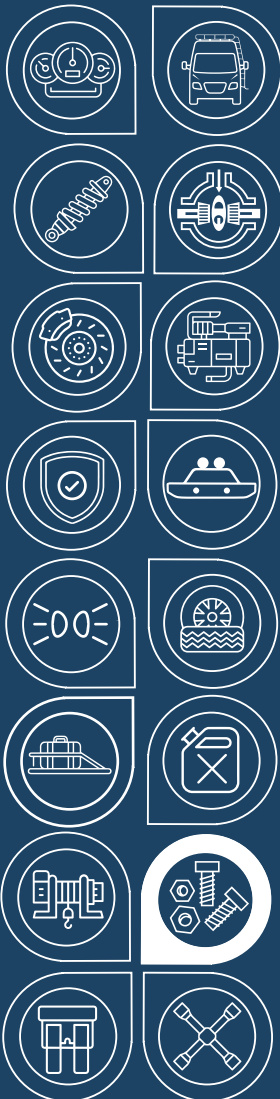




**AGILE
OFFROAD**
SMARTER THAN DIRT



INSTALLATION GUIDE

AO Ground Switch Kit for Grenadier XL80
Baja Designs Lights

AO-L3G-09

INSTALLATION GUIDE

PRECISION DIMMING AT THE PUSH OF A BUTTON, TAKE CONTROL OF YOUR XL80 LIGHTS

AO Ground Switch Kit for Grenadier XL80 Baja Designs Lights



This harness allows you to dim your Baja Designs XL80 lights by 20 percent by merely depressing a push button switch. The stainless-steel switch comes fully assembled with for ease of installation. When depressed the switch will illuminate to let you know that you are using the dim feature. The Agile Off Road XL80 Dimmer Switch Kit provides a high quality, simple and secure way to dim your lights.

SKU

AO-L3G-09

PARTS INCLUDED

Switch with Switch Harness

5 Wire Ties

TOOL NEEDED

T20 Torx Bit

T25 Torx Bit

T30 Torx Bit

T40 Torx Bit

10mm Socket/Wrench

7/8" Socket/Wrench

Panel Clip Removal Tool

Wire Crimpers

Wire Tie Cutters

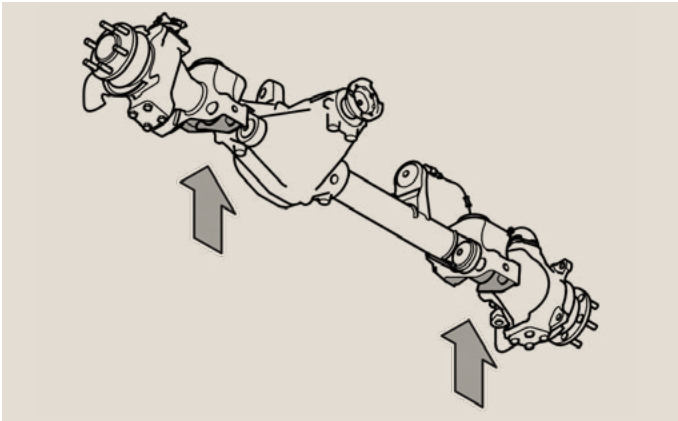
Hydraulic Jack

Jack Stand

INSTALLATION TIME

3-4 Hours

INSTALLATION GUIDE



1. Refer to the owner's manual for proper jacking point and front tire removal instructions. Use a jack stand to support the vehicle while the tire is removed. Remove driver's side front wheel.



2. Use a T40 Torx bit to remove the six fender flare screws, the two front rocker molding screws and the three mudflap screws. Use a 10mm socket/wrench to remove the five inner fender liner nuts.



3. Pull straight out on fender flare and remove. Use the panel clip removal tool to remove the fender flare clips that remain on the fender. Re-install the clips onto fender flare slots.



4. Use a panel clip removal tool to remove the inner liner clip located at the front of the liner then remove the fender liner.



5. Locate the harness grommet located at the firewall under the brake booster.



6. Unclip harness from the fender stud. Cut off the harness clip zip tie. Find the end to harness tape and unwrap the tape from harness. Save harness tape and clip.

INSTALLATION GUIDE



7. View of harness with tape removed.



8. Unclip harness grommet from the firewall. Run the Baja Designs green dimmer ground wire through the grommet.



9. Run the green dimmer ground wire into the factory harness under the electrical tape. Remove and then replace the electrical tape if necessary.



10. Run the green dimmer ground wire into cab.



11. Re-install the grommet onto the firewall. Make sure the grommet is completely clipped onto the firewall.



12. Re-wrap the harness using the previously removed harness tape. Use a zip tie to re-install to the the factory harness clip

INSTALLATION GUIDE



13. Re-attach the harness clip to the fender stud.



14. Re-install the fender liner, fender flare, mud flap, and wheel.
****Retorque Wheel to Factory Specs****

INTERIOR INSTRUCTIONS



15. Remove the driver's side floor mats.



16. Pull up on the door sill panel and remove. Use a 10mm socket/wrench to remove rear kick panel bolt.



17. Use a T25 Torx bit to remove the hood latch release handle screw and remove handle.



18. Use a T25 Torx bit to remove the kick panel screw.

INSTALLATION GUIDE



19. Move the steering wheel to its lower position.



20. Pull out on the upper dash panel trim and remove.



21. Pull out on the left corner dash panel and remove.



22. Use a T20 Torx bit to remove the three lower dash panel screws.



23. Pull out on panel and remove. **Note: It is not necessary to unplug and remove the panel completely.**



24. Use a T20 Torx bit to remove the four center dash panel screws.

INSTALLATION GUIDE



25. Pull out on the center dash panel and remove.



26. Pull out on the side kick panel and remove.



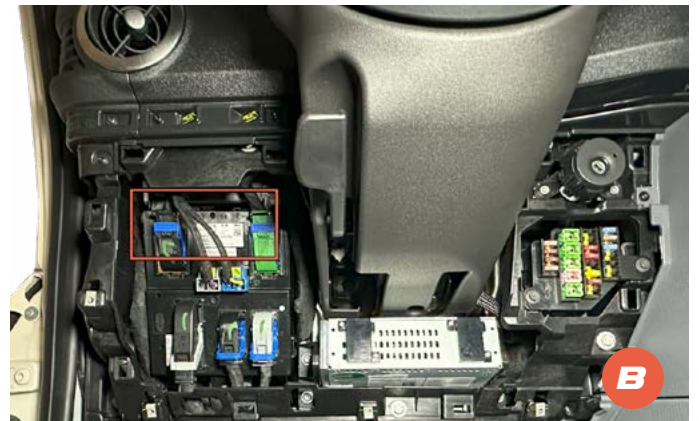
27. Pull up on the footrest panel and remove.



28. Remove footrest foam. Use a 10mm socket/wrench to remove the three footrest panel nuts and a T25 Torx bit to remove the two screws. Remove the lower footrest panel.



29. Recommended switch location shown. Before drilling hole into center dash panel, make sure there is enough room to clear the switch depth of approx. 3".



INSTALLATION GUIDE



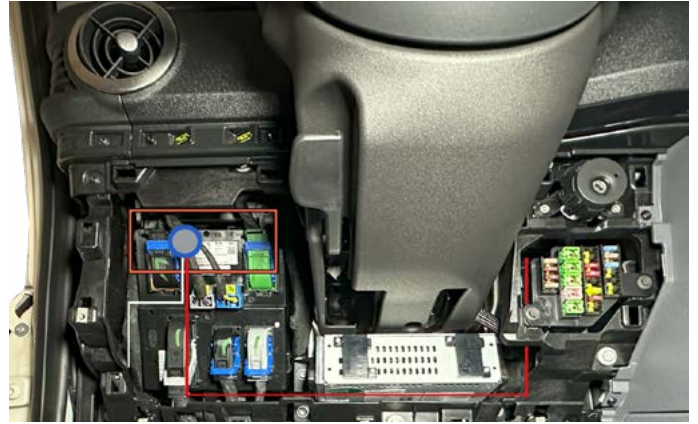
30. View of back side of center dash panel.



31. Carefully remove adhesive backed insulation.



32. Mark your switch location and then use a unibit step bit to drill a 3/4" hole. Install switch into the panel. Use a 7/8" socket/wrench to tighten the switch nut.



33. Switch wiring shown w/o panel for illustrative purposes. RED WIRE: Run the fused power wire from switch to fuse panel as shown. GREEN and BLACK WIRE: Run the black ground and green dimmer wires from the switch to the firewall following the factory harness. Re-install center dash panel.

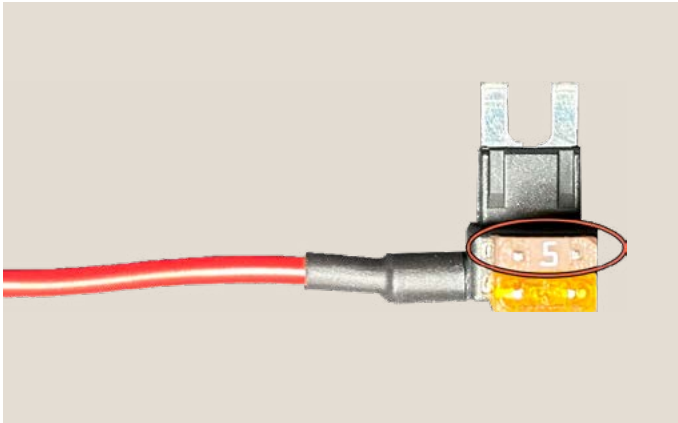


34. Attach the green dimmer wire to the Baja Designs green dimmer wire. Use a 10mm socket/wrench to attach the black ground wire ring terminal to the factory ground post. Use wire ties to secure switch harness.



35. Remove the 5-Amp fuse from the left fuse bank.

INSTALLATION GUIDE



36. Install the previously removed 5-amp fuse onto the fuse holder as shown.



37. Install fuse holder into fuse slot in step 35.

38. Use steps 15-27 to re-install dash panels, kick panel, footrest panel and footrest, and trim.

INEOS
GRENADIER



AGILE
OFFROAD



Interior



Exterior



Suspension



Air Locker &
Drivetrain



Steering &
Brakes



Air
Compressors



Armor &
Protection



Bumpers



Lighting



Wheels &
Tires



Storage &
Racks



Water &
Fuel Tanks



Winches &
Recovery



Replacement
Parts &
Accessories



Electrical



Tools



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