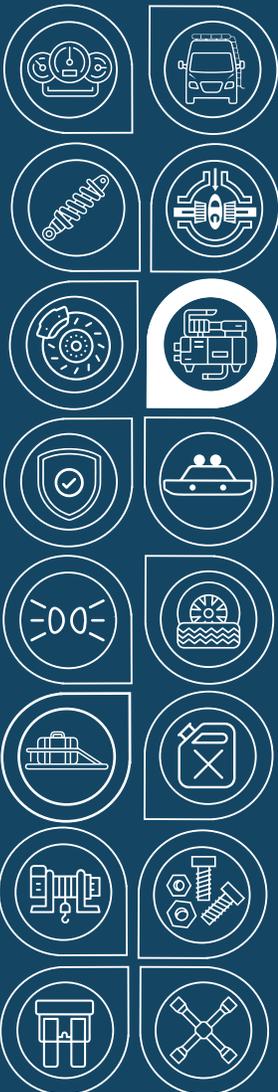




**AGILE  
OFFROAD**  
SMARTER THAN DIRT



# INSTALLATION GUIDE

ARB Twin Onboard Air Kit For INEOS Grenadier  
By Agile Offroad

AO-C1G-2

# INSTALLATION GUIDE

FOR OFF-ROAD ADVENTURERS WHO NEED **QUICK AND EFFICIENT** TIRE INFLATION, GENERAL MAINTENANCE

ARB Twin Onboard Air Kit For INEOS Grenadier By Agile Offroad



The ARB Twin Onboard Air Kit for INEOS Grenadier by Agile Offroad allows you to quickly air-up your tires at the conclusion of your off-road adventures! This kit is based around ARB's 12-volt high-performance twin onboard air compressor and is designed to fit seamlessly under the front passenger seat of your INEOS Grenadier. Mounting bracket, hardware and wiring included. Providing optimum power, the ARB twin motor design delivers class-leading air flow for fast inflation purposes. Constructed of lightweight, high-strength engineering grade materials, it incorporates quality components for quiet operation and extended durability. The twin motors incorporate internal thermal protection against extreme temperature damage while a heavy duty in-line maxi fuse for each motor provides professional circuit protection.

---

## SKU

AO-C1G-2

---

## PARTS INCLUDED

AO Twin Compressor Assembly

Air Hose Assembly 20' Air Line Coil

---

## TOOL NEEDED

T20 Torx Bit

T30 Torx Bit

T50 torx Bit

10mm Socket/Wrench

13mm Socket/Wrench

Clip/Panel Removal Tool

---

## INSTALLATION TIME

2-3 Hours

---

# INSTALLATION GUIDE



**1.** Remove headrest. Slide seat forward.



**2.** Slide lower rubber seat belt cover up to expose attachment point.



**2 A.** Step 2 - Photo detail



**3.** Use a T30 Torx bit to loosen the seat belt locking mechanism. Rotate mechanism 90 degrees.



**4.** Remove seat from the pivot tab.



**5.** Slide seat back. Use a T50 Torx bit to remove the two front seat bracket bolts.

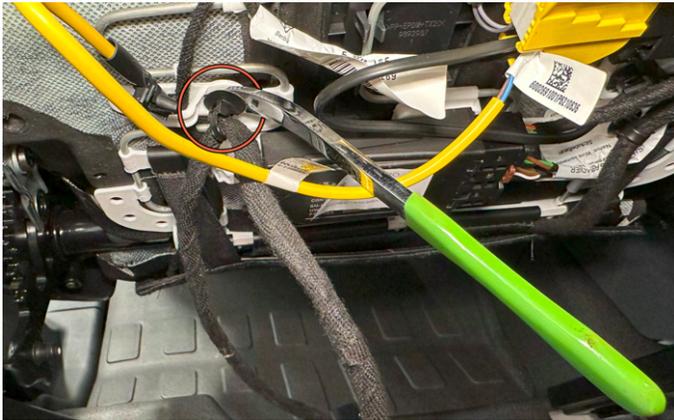
# INSTALLATION GUIDE



**6.** Slide seat forward. Use a T50 Torx bit to remove the two rear seat bracket bolts.



**7.** Lay seat back. Locate the yellow seat harness plug. Push lever lock tab and rotate lever to the right. This will release harness connect plug from the seat. **Caution. While seat is disconnected, vehicle ignition must remain in the off position to avoid triggering the ABS warning light. The ABS light can only be cleared by an Ineos dealer.**



**8.** Use a clip removal tool to release seat harness clip from seat bottom.



**9.** Carefully remove seat from vehicle. Use a 13mm socket/wrench to remove the six seat crossmember bracket screws. Save screws.



**10.** Pull up on plastic edge molding and remove. Loosen the front floor pad nut.



**11.** Remove center and front floor pads.

## INSTALLATION GUIDE



**12.** Pull out on front lower console molding. Only partial remove.



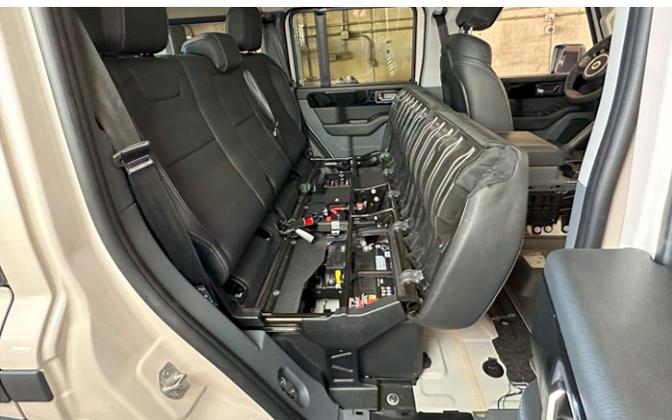
**13.** Use a T20 Torx bit to remove the two center console molding screws.



**14.** Pull out on the lower portion of the center console panel. Completely remove panel.



**15.** Pull up on rear door plastic edge molding and remove. Remove rear floor mat.

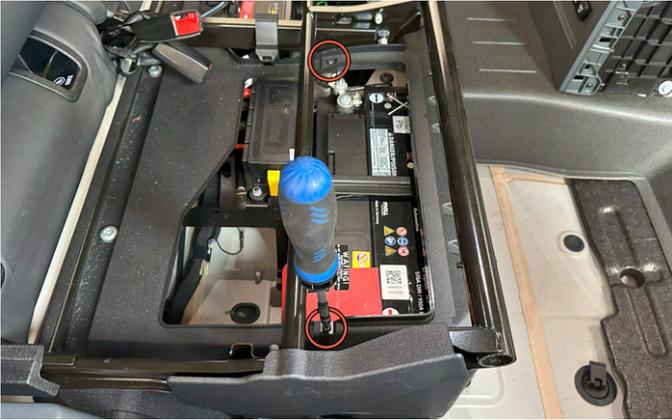


**16.** Pivot lower rear seat cushions forward.



**17.** Use a T30 Torx bit to remove the five lower rear seat cushion brackets. Completely remove cushions.

# INSTALLATION GUIDE



**18.** Use a T25 Torx bit to remove the two lower seat base panel screws.



**19.** Use a T25 Torx bit to remove the front center lower seat base panel screw.



**20.** Use a 10mm socket to remove the two lower seat base panel nuts. Remove front panel.



**21.** Use a T50 Torx bit to remove the two lower seat base panel screws. Unlatch panel at center of seat frame.



**22.** Remove rear lower seat panel from top of seat base frame.  
**Note: Slide panel towards center and pull out from passenger side.**



**23. Driver side:** Use a T25 Torx bit to remove the two lower seat base panel screws.

# INSTALLATION GUIDE



**24.** Remove the rear floor mat.



**25.** Use a 10mm socket to remove the two lower seat base panel nuts. Remove front panel.



**26.** Use a T50 Torx bit to remove the four lower seat base panel screws.



**27.** Remove rear lower seat panel from top of seat base frame.  
**Note:** Slide panel towards center and pull out from driver side.

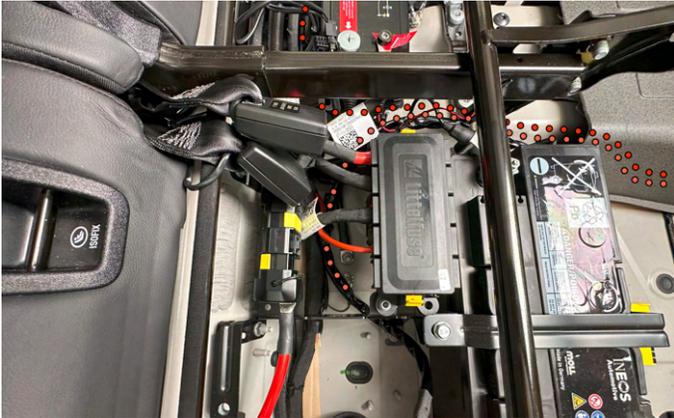


**28.** Route the power supply harness and the switch harness under the passenger side floor mat as shown.



**29.** Leave approximately 18" of the switch harness wire exposed and approximately 5" of the power supply harness wire. Follow the same route as the existing factory seat harness wire.

# INSTALLATION GUIDE

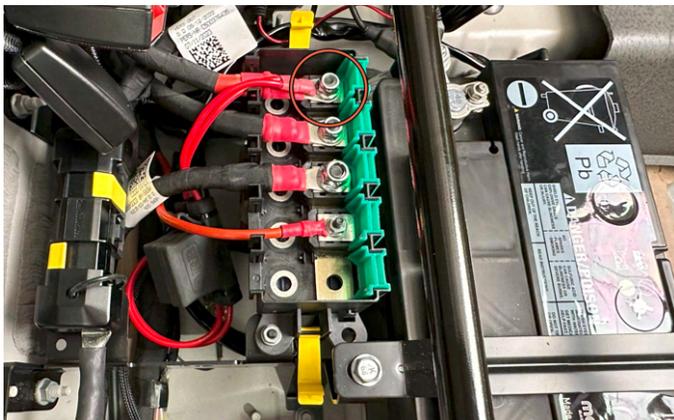


**30.** Route the power supply harness cable under center floor mat following the factory harness wire to the passenger side power distribution block. Route the switch harness under the center floor mat following the factory harness wire to the driver side fuse box.

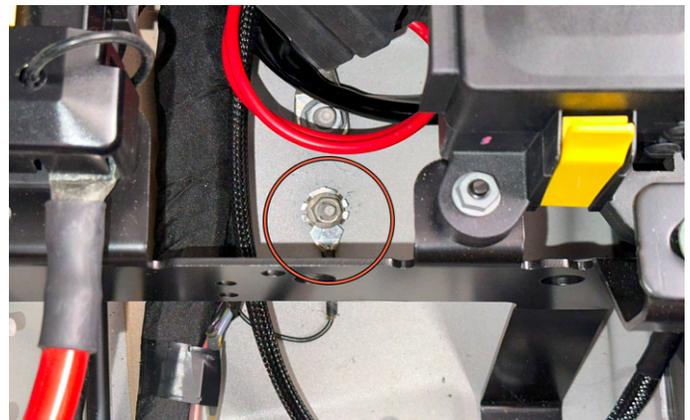
**Note:** Route the harnesses under existing battery cables. Avoid the E-brake cables. Use tie downs where necessary.



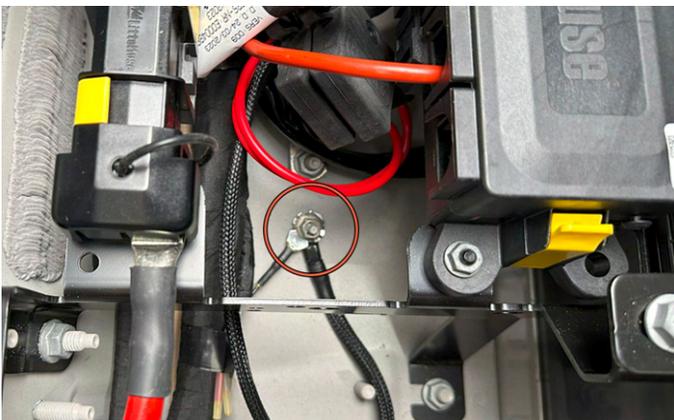
**31.** Remove the Littelfuse power distribution cover. Use a 13mm socket/wrench to remove the nut off the battery cable stud as shown.



**32.** Install the RED compressor power supply wire ring onto the battery cable stud then re-install nut. Re-install the cover.



**33.** Locate the factory ground wire stud under the power distribution block. Use a 10mm socket/wrench to remove the nut.

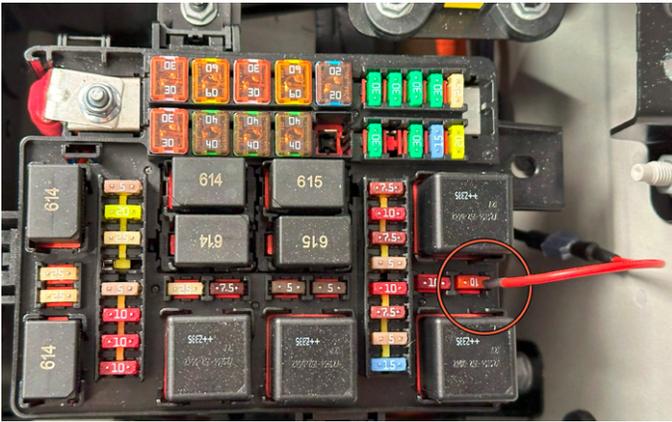


**34.** Install the BLACK power supply ground ring to ground stud then re-install nut.



**35.** Follow the route illustrated in photo to run the switch harness to driver side use box.

# INSTALLATION GUIDE



**36.** Locate the empty fuse slot as shown in photo. Install the switch harness fuse into fuse slot as shown.



**37.** Re-install lower seat panels, rear seats, and floor mats.



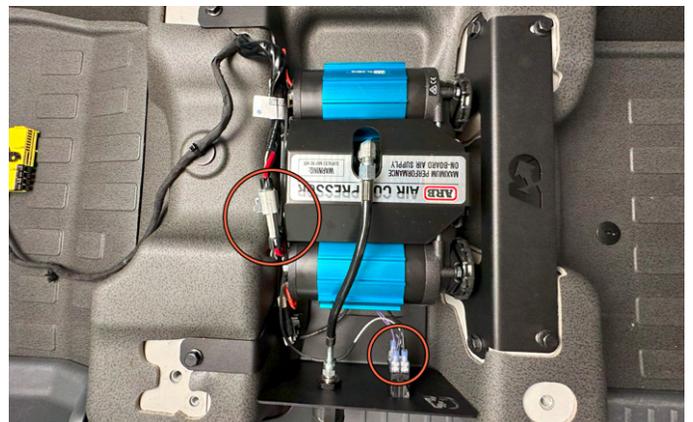
**38.** The AO Dual Compressor Assembly installs using existing factory thread holes. Remove the clear sticks found on the rear thread holes.



**39.** Install the AO Twin Compressor Assembly using the screws removed in step 10. Torque to 19 ft/lbs.



**40.** Locate the empty switch terminal as shown.



**41.** Route the grey switch harness wire behind compressor to the on/off switch and connect to empty terminal. Connect the power supply harness plug to compressor plug.



**42.** Re-connect the yellow seat harness to seat and re-attach harness clip to seat bottom. Follow steps 1-6 to re-install seat. Torque seat bolts to 19 ft/lbs.



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



[agileoffroad.com](http://agileoffroad.com)



[info@agileoffroad.com](mailto:info@agileoffroad.com)



619-328-1297