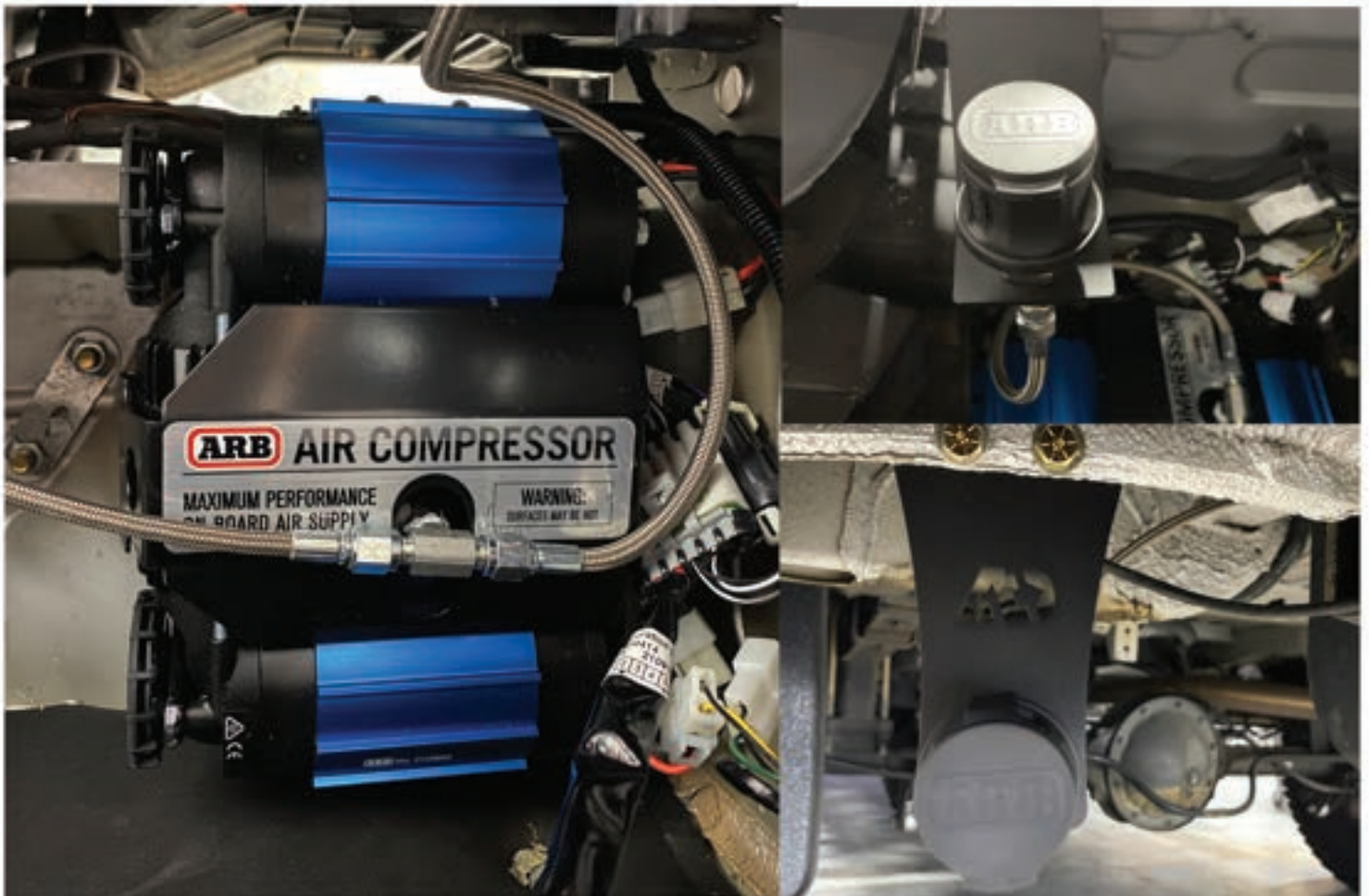


AGILE OFFROAD

VS30 Sprinter Onboard Air Installation Guide



Package Includes:

- ARB Twin Compressor
- ARB Power Harness
- ARB Switch Controller Harness
- Stainless Steel Air Line Kit
- OEM Mercedes Dash Switch
- 25' Coiled Polyurethane Air Hose
- Agile Compressor Plate
- Agile Front & Rear Air Fitting
- 2 ARB Air Line Covers
- Bulkheads, T-Fitting & Air Hose Couplers
- Mounting Hardware



Power off vehicle and disconnect the battery at the battery ground terminal located on the firewall behind the center console.



Remove the (3) 10mm nuts holding the front passenger side inner wheel well liner to the sheet metal.



Use a panel removal tool to remove the (5) fastener clips holding the liner to the front bumper. 3 clips are on the inside of wheel well.



The other 2 clips are located at the bottom of bumper.



Remove the (4) 10mm nuts holding the cabin air filter box to the firewall and remove air filter box.



Use a panel removal tool to detach the factory Sprinter harness off of the inner sheet metal panel.



Use the supplied 6mm hardware to bolt the air compressor to the Agile mounting plate.



Insert the supplied 5/16" bolts and washers through the compressor plate and inner fender sheet metal using the existing factory holes.
*The compressor plate is pictured above without compressor to show bolt location.



Install the supplied large fender washers and 5/16" nuts from the inside of the wheel well. Have a helper hold the nuts from inside the wheel well while you tighten the bolts from inside the engine compartment.



Use the supplied 1/4" hardware to mount the front of the compressor plate to the inner fender sheet using the existing factory harness clip holes.



Re-mount the factory Sprinter harness clips to the holes in the compressor plate.
Re-install the inner wheel well liner using the factory nuts and clip.



Connect the power and switch harnesses to the ARB compressor.



Attach the compressor ground wire to the factory ground stud located below the compressor plate.



Remove the red factory installed dust plugs and install the air filters.



Remove the floor mat and tool tray from the passenger side footwell to gain access to the back side of the firewall pass through boot.



Cut the zip tie off of the firewall pass through boot and remove the foam insulation found inside. Route the compressor power and switch harness through the boot.



Have a helper carefully pull the harnesses through the boot while you feed them the harnesses from inside the engine bay. Re-install the foam insulation and replace the zip tie.



Remove the driver's side plastic cover off of the lower center console. Route the power and switch harness through to the driver side. Use zip ties to fasten harnesses. Re-install tool tray and floor mats.



Remove the side lower dash cover by pulling out towards the door. This panel is held on with retainer clips only.



Remove the (5) T-20 torx screws that hold the lower dash panel.



Remove the lower dash cover by pulling on the bottom edge of cover and working around to the outer edges.



Remove one of the available switch blank covers. To remove cover, reach behind the dash and squeeze the upper and lower tabs of cover while pushing out.



Route the switch harness from the lower console to the switch panel. Install supplied switch onto connector and snap in switch assembly into switch panel. Route the grey wire from the switch connector down towards the the battery box along with the power harness.



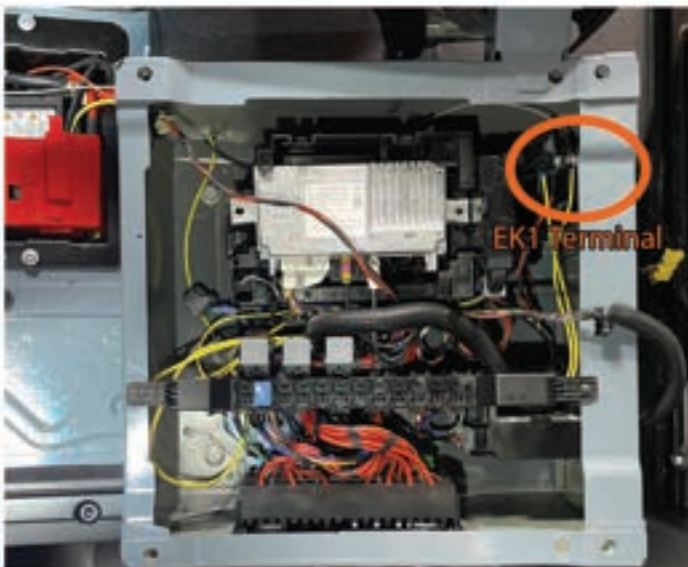
Remove the (2) T-20 torx screws that hold the driver side floor mat edge trim. Remove edge trim and floor mat. Remove the (4) T-30 torx screws that hold the battery cover and remove cover.



Remove the (2) T-20 screws holding the bottom console plastic to the floor. Route the power harness and the grey key hot wire down to the battery box. Re-install the (2) T-20 screws.



Use the supplied 8mm nut to attach the power harness terminal ring to the positive battery stud.



Remove the driver side seat to gain access to the KEY HOT terminal stud (EK1 Terminal). The KEY HOT terminal stud is located in the right rear corner of the seat base. Route the grey key hot from the battery box to the bottom of the of the seat base via the floor tunnel.



Connect the grey wire ring terminal to the rear terminal stud with the black w/brown stripe wire.

*To avoid an SRS warning fault light, the battery must remain disconnected until the seat is reinstalled and all seat wire plugs are reconnected.



Use zip ties to fasten harnesses and replace battery cover, dash panels, and floor mat.



Use the supplied template to mark the air bracket location on the passenger headlight mount.



Drill a 5/16" hole at marked location. Line up the notch in the bracket with the notch on the headlight mount. Use supplied hardware to mount bracket.



Apply teflon tape to tee fitting threads and install in compressor.



Drill 2 holes & mount rear air source bracket on the pinch weld near the rear bumper. Any location along the rear will work, but we recommend installing it on the opposite side of the exhaust.



Route the supplied air line from the compressor to the air source brackets. Start with the rear. **Be careful to avoid all drive line & exhaust components!** Reinstall the air box in the engine bay and any other components you removed during the installation. Test system for operation & leaks. **Congratulations, your ARB On-Board Air System installation is complete!**

