

## ARB 12V Compact Air Compressor

### Installation Guide for Jeep Wrangler '07-'18 4-Door JKU

**Installation Time:** 1 Hour

**Tools Required:**

- ✓ 10mm Socket
- ✓ Socket Wrench
- ✓ Air Compressor Hose

**Installation Instructions:**

1. Layout all pieces provided to ensure each item arrived (attempting to locate lost items after beginning the installation can cause delays or misfires) (Figure A).



Figure A

2. Locate the pressure switch and the two connectors from the wiring loom provided (Figure B).

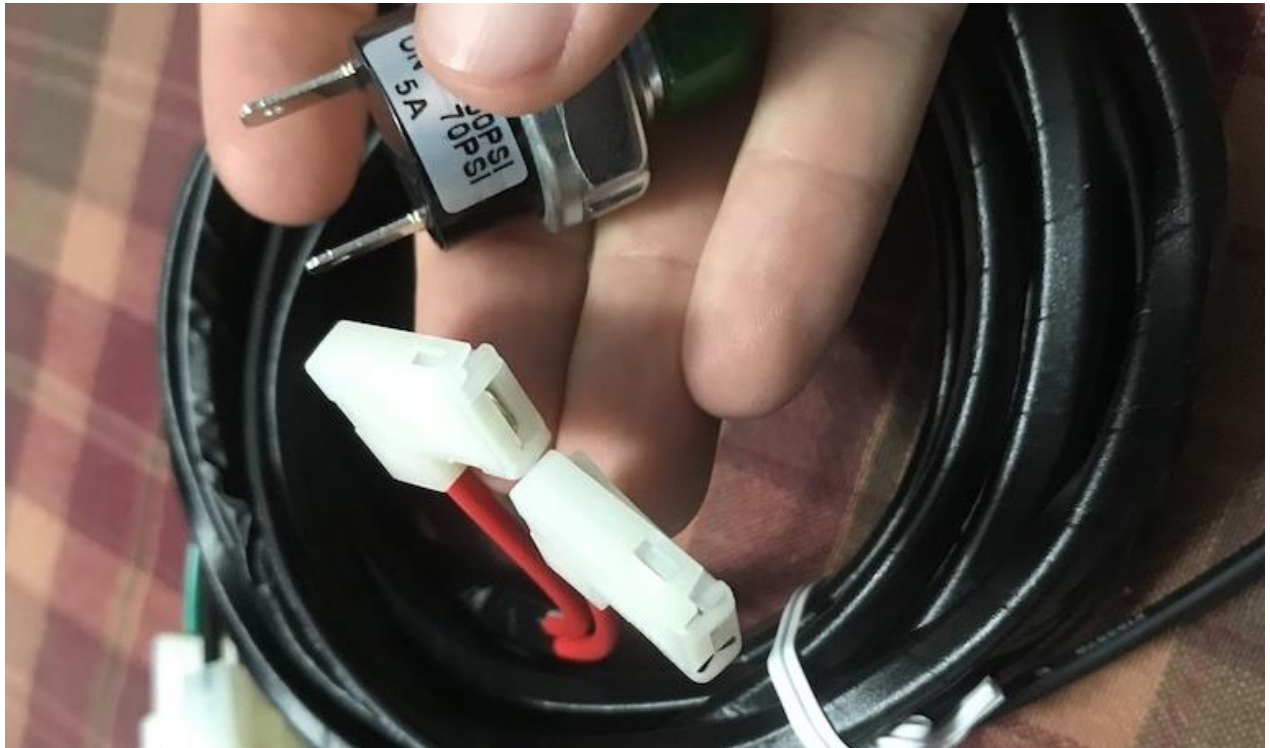


Figure B

3. Connect one of the two connectors by pressing in firmly against the pressure switch (Figure C).



Figure C

4. Repeat Step 3 with the second connector (Figure D).



Figure D

5. Thread one of the four supplied bolts into the base of the air compressor, facing away from compressor (Figure E).



Figure E

6. Insert a second bolt and place the provided base plate over the two bolts to ensure proper alignment (Figure F).

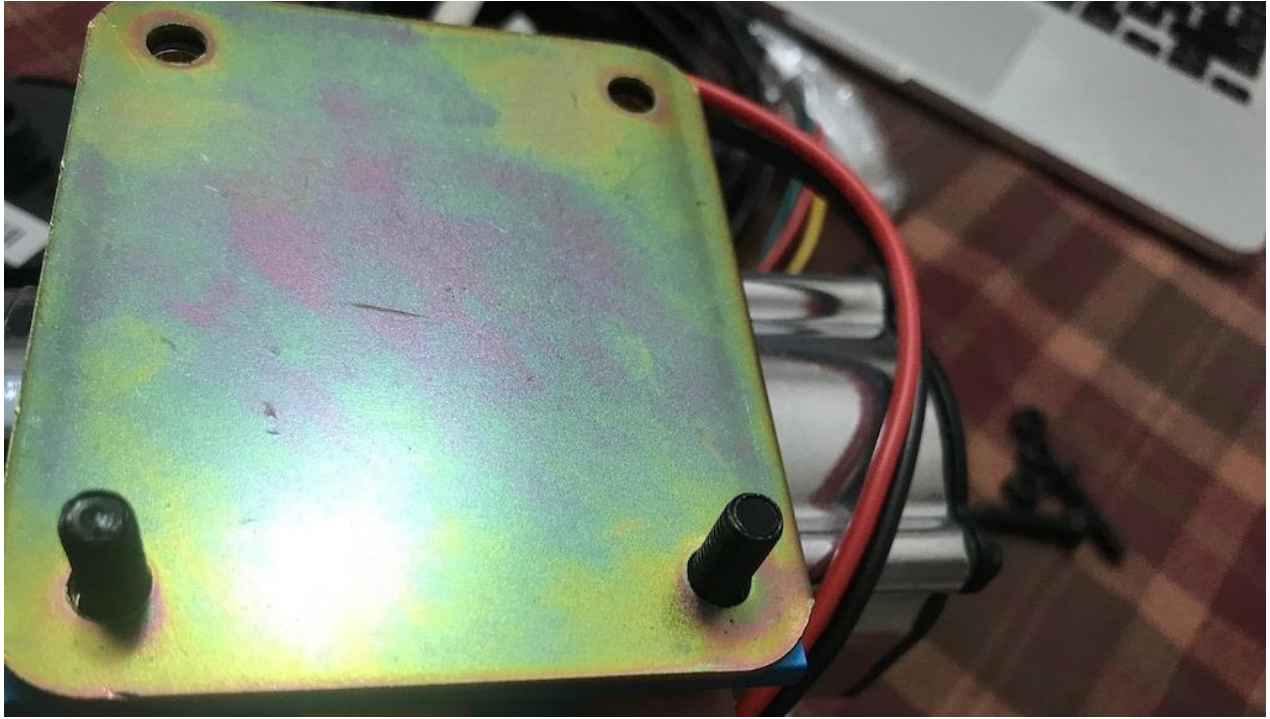


Figure F

7. In order to keep base plate in place, attach the provided nuts; however, these will need to be removed later in order to properly mount the air compressor (Figure G).



Figure G

8. With the base plate properly connected with all four bolts and nuts, locate the red plug on the side of the air compressor (Figure H).

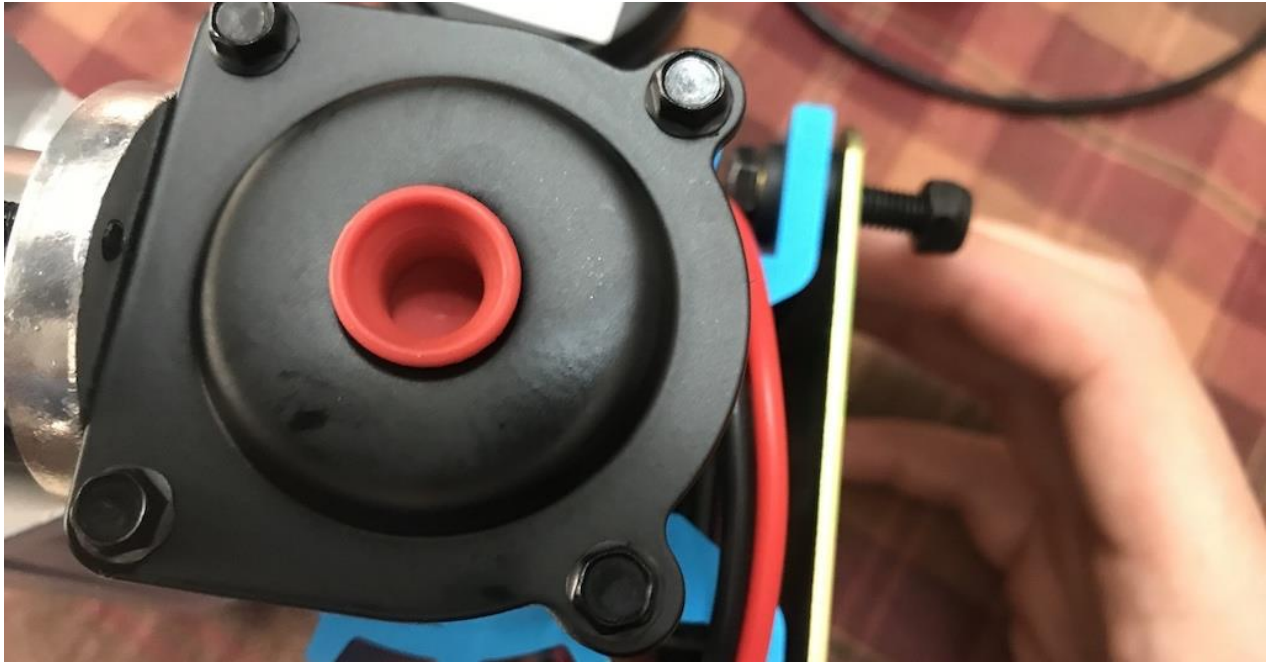


Figure H

9. Remove the plug (Figure I).



Figure I

10. Locate the filter and screw the filter into the hole where the plug was removed in Step 9 (Figure J).



Figure J

11. Locate the actuator switch and insert the red and yellow wire into the middle connector (Figure K).



Figure K

12. Insert one of the two black wires onto the connector above the red and yellow wire (Figure L).

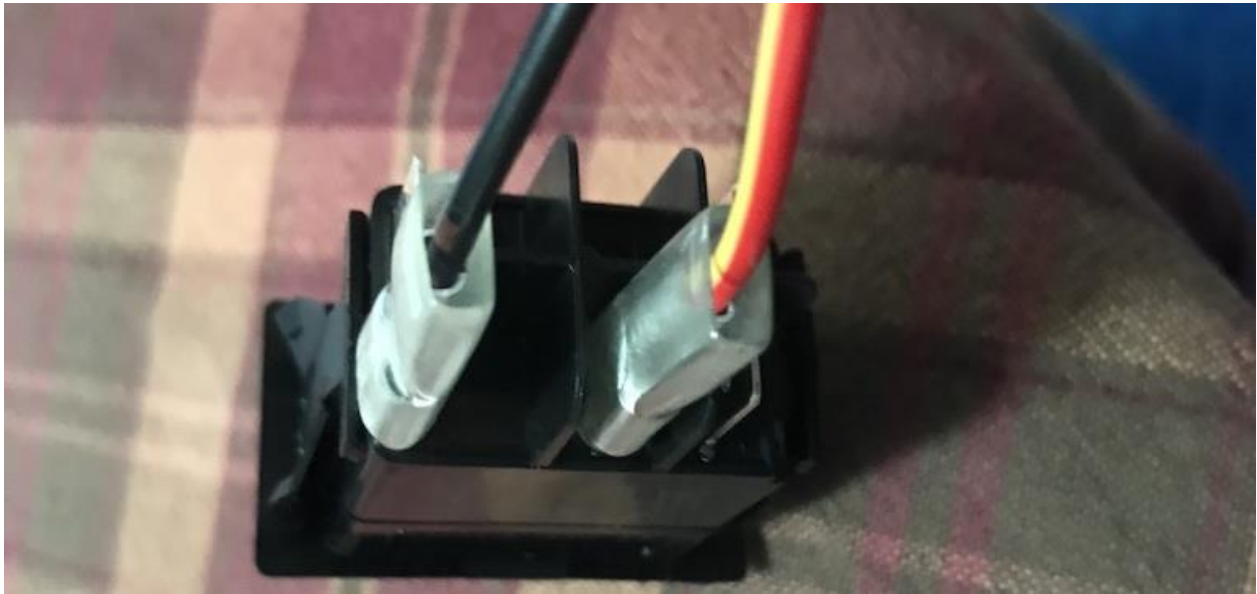


Figure L

13. Insert the other black wire onto the connector to the right of the first black wire connection (Figure M).



Figure M

14. Connect the red wire below the red and yellow wire (Figure N).



Figure N

15. Connect the blue wire to the right of the red wire connection (Figure O).



Figure O

16. Locate the other wire loom and the supplied white connector. Clip the red wire into the bottom left connection point of the white connector (Figure P).



Figure P

17. Connect the yellow wire above the red wire (Figure Q).





Figure Q

18. Connect the green wire to the right of the yellow wire (Figure R).



Figure R

19. Connect the black wire below the green wire (Figure S).

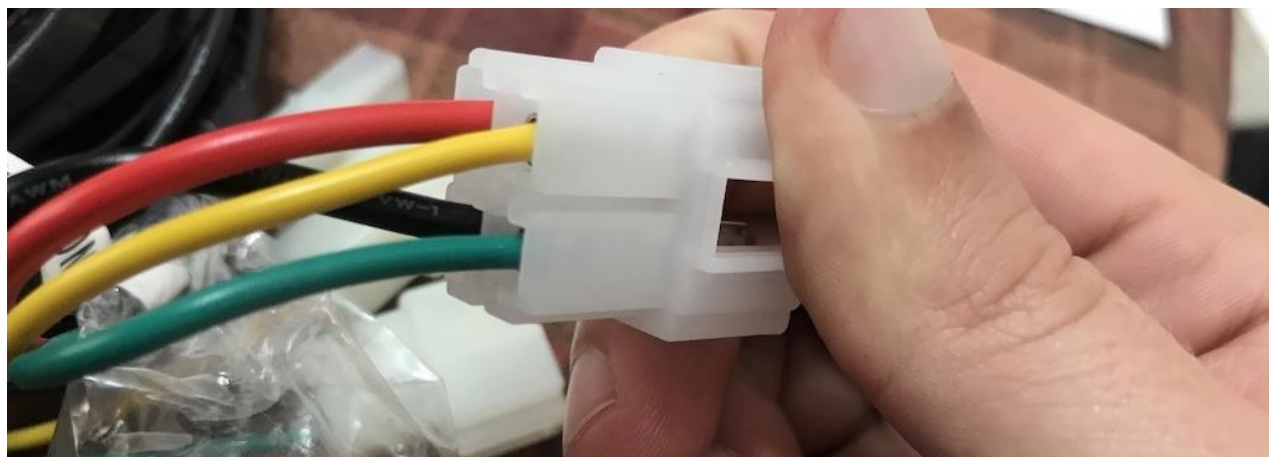


Figure S

20. Mount the air compressor in the desired location (Figure T).

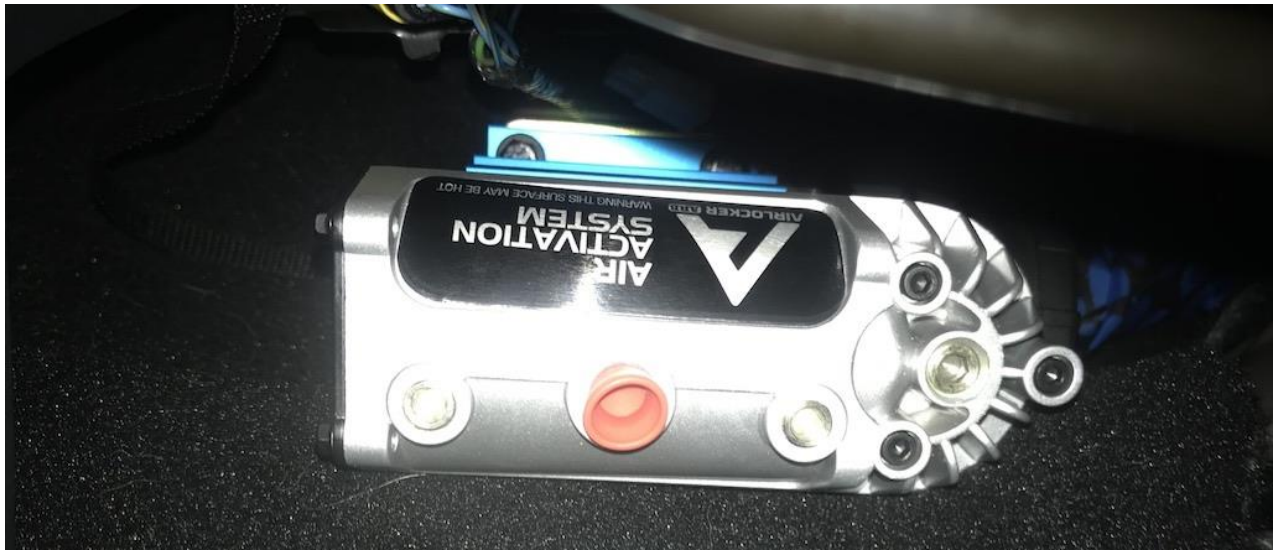


Figure T

21. Attach the ground wire to the chassis and the red and yellow 12v wire to a 12v source. Run the power wiring loom from the air compressor to near the desired switch mounting location (Figure U).



Figure U

22. Connect to the switch wiring loom (Figure V).



Figure V

23. Mount the actuator switch and attach the switch cover (Figure W).

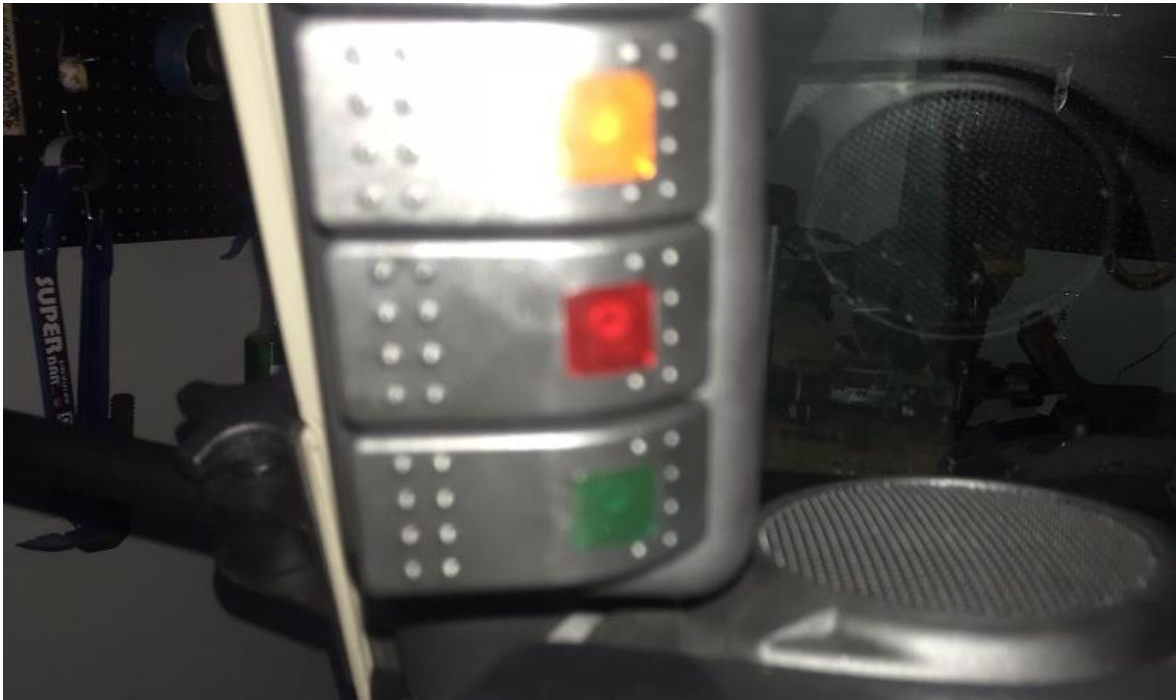


Figure W

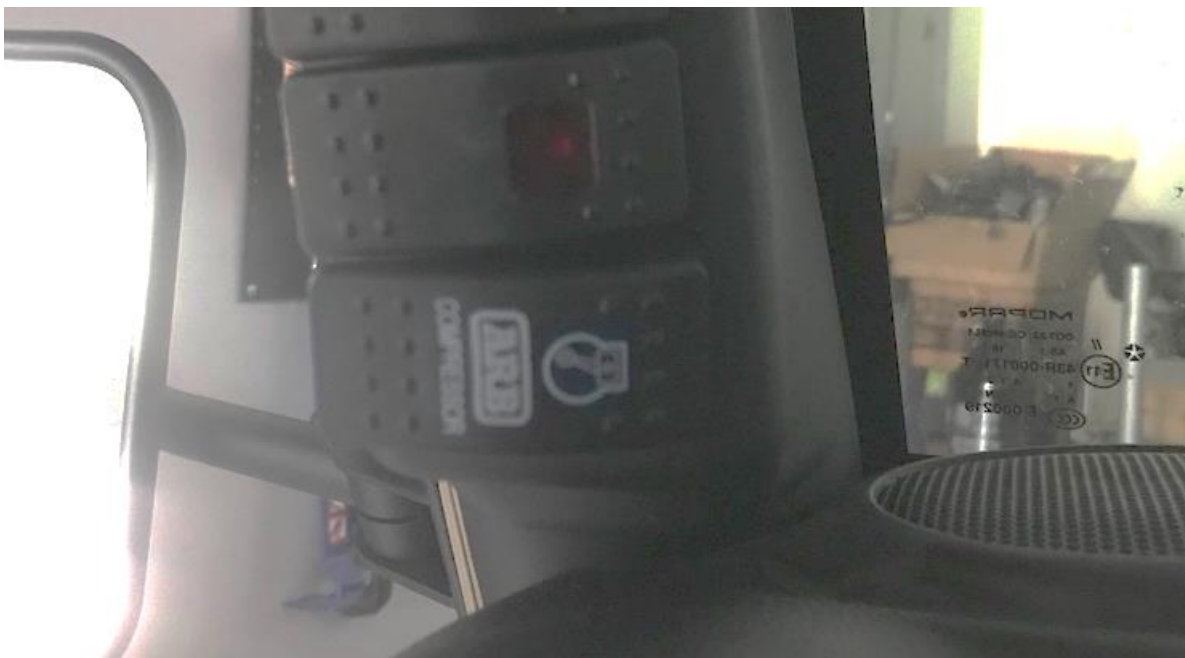
24. Attach an air hose (not provided) and flip the dash switch to the air compressor in order to inflate or deflate tires (Figure X).



Figure X



Before



After

Installation Instructions Written by ExtremeTerrain Customer J. Sandlin 10/08/2018