

Wrangler Compressor Install Guide



Installation Guide

Part Numbers

CMPJP-WRNL-01



Jeep

Wrangler



Fitment Time

40 mins

Ensure the compressor kit is not damaged when installing.



Tools Required

- Cable Ties
- Plastic Tool
- Wire Puller
- 10mm spanner and socket with ratchet and extension



Read Instructions

Read instructions carefully before commencing installation.

Installation should only be performed by qualified technicians. DO NOT proceed with this installation unless you are qualified to do so. Refer to vehicle workshop manual for additional information on the removal & refit of vehicle components.



Attention

Take care during the installation.

Take great care not to bend sharply or kink the compressor air hose.



Components

- Compressor with bracket x1
- Hose x1
- Switch/Gauge Panel x1
- Wiring harness x1
- Air Cleaner
- Air cleaner bracket
- Module and bracket



Quick Guide

Remove spare tire and bracket, fit compressor and replace



Route hoses and compressor power through tailgate to panel area



Install module and air filter bracket to the inside of the tailgate



Run the harness from the battery to the tailgate



Connect the hoses and wiring to the switch/gauge panel and test.

Wrangler Compressor Install Guide

Installation Guide

Step 1



Remove spare wheel

Step 2



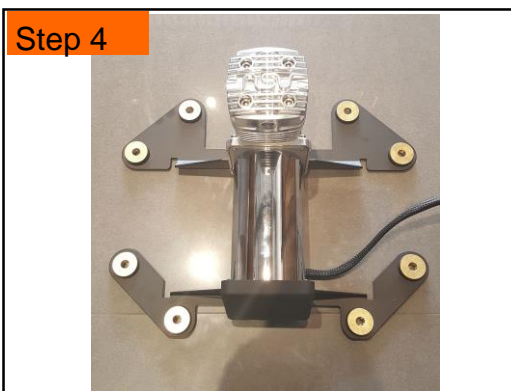
Remove spare wheel bracket

Step 3



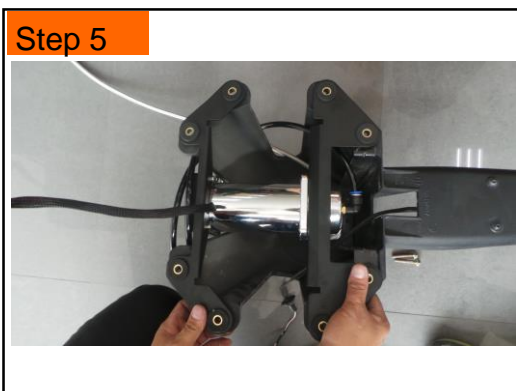
Fit spacer to compressor bracket

Step 4



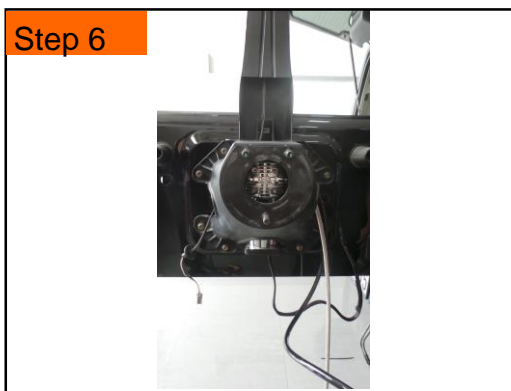
Fit all 8 to the bracket rubber mounts

Step 5



Fit compressor into the spare wheel bracket

Step 6

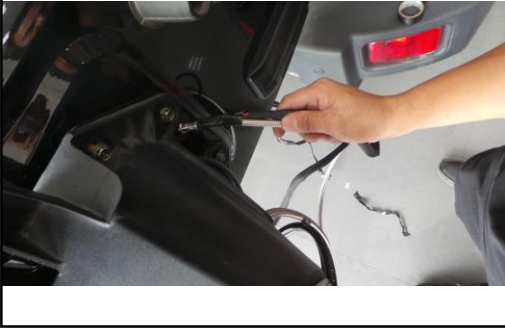


Fit the bracket back to the tailgate using supplied longer bolts and washers

Wrangler Compressor Install Guide

Installation Guide

Step 7



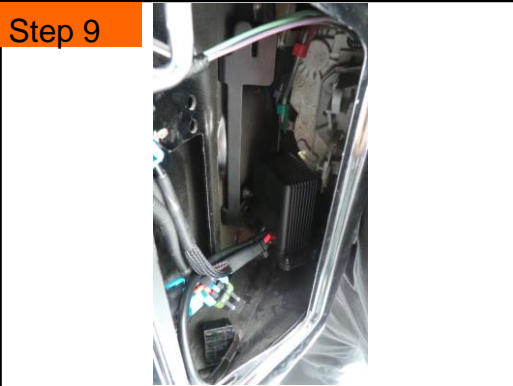
Feed the wiring and piping using a wire puller through the tailgate to the panel area. Make sure supplied grommet is installed.

Step 8



Compressor air hose, air intake pipe and wiring will all be routed through the tailgate.

Step 9



Fit the two brackets to the inside of the tailgate

Step 10



Use supplied nuts for the module bracket

Step 11



Use the existing door handle nuts for the air filter bracket

Wrangler Compressor Install Guide

Installation Guide

Step 12



Begin the harness routing from the battery.

Step 13



This shows a map of the harness route where it enters the vehicle via a grommet in the floor under the passenger side foot well.

Step 14



The harness drops down from the engine bay and along the chassis, cable tied to an existing harness

Step 15



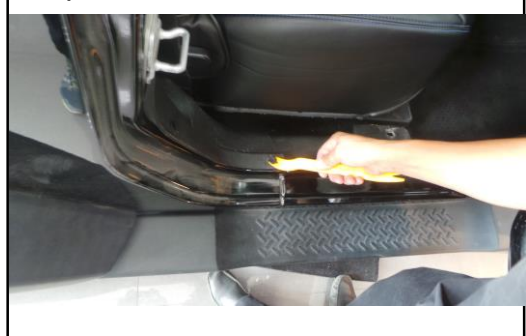
The harness enters the vehicle at this point

Step 16



Remove the interior door sills

Step 17



Continue removing the panels till the seat belt

Wrangler Compressor Install Guide

Installation Guide

Step 18



The harness enters the car at this point

Step 19



Run harness along door sill and cable tie to the existing harness.

Step 20



From the passenger side door sill follow the harness to the tailgate.

Step 21



Attach the earth lead to this bolt

Step 22



Route harness along existing harness to the panel location

Step 23



Arrange all piping and wiring to easily connect to the panel and air filter

Wrangler Compressor Install Guide

Installation Guide

Step 24



Cut air filter hose to length if too long
Push the hose onto the filter fitting and mount
the filter to the bracket as in the photo

Step 25



Filter position

Step 26



Fit all connections to their specified locations.

Step 27



Air line goes to fitting at back of panel. Power harness goes to module. Module lead goes to compressor harness. Module switch goes to panel.

Step 28



Push panel into location and test