



Concept Z Performance VR30 HKS SSQV4 BOV Kit Installation Guide

Thank you for your purchase of the CZP VR30 BOV Kit. Please make sure your kit came with all of the necessary components listed below:

- 2x HKS Universal SSQV BOV 4 and Hardware Kit
- 2x CZP Billet Aluminum HKS BOV Adapter Flange
- 1x CZP Silicone BOV Coupler LH (available in Black, Red and Blue silicone)
- 1x CZP Silicone BOV Coupler RH (available in Black, Red and Blue silicone)
- 1x CZP Silicone Y-Fitting, 10mm ID, 6mm Barb, Black - Infiniti Q50 Q60 VR30DDTT
- 1x 6mm Silicone vacuum tubing (3ft)
- 1x 3.5mm Silicone vacuum tubing (4ft)
- 1x Plastic T-shaped barbed fitting (1x 6mm to 2x 3.5mm ports)
- 2x Soft Edge Clamp (32-50mm for the BOV port)
- 2x Spring Clamp (16mm for the Silicone Y-Fitting)

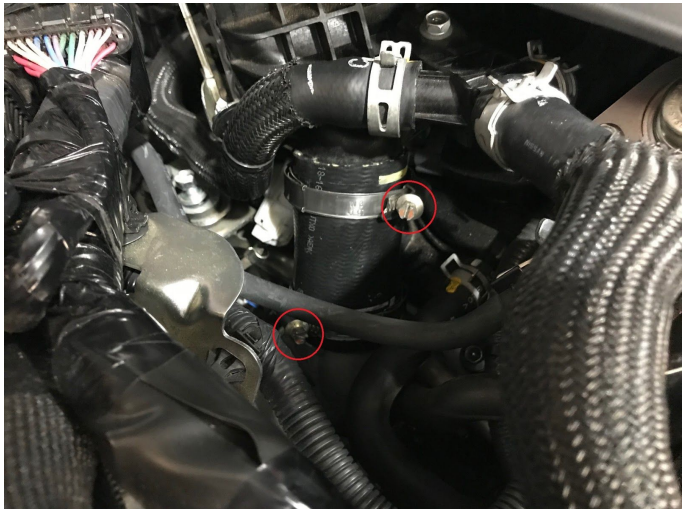
1. Pop the hood and remove the plastic engine cover by gently pulling upward on all four corners of the cover.



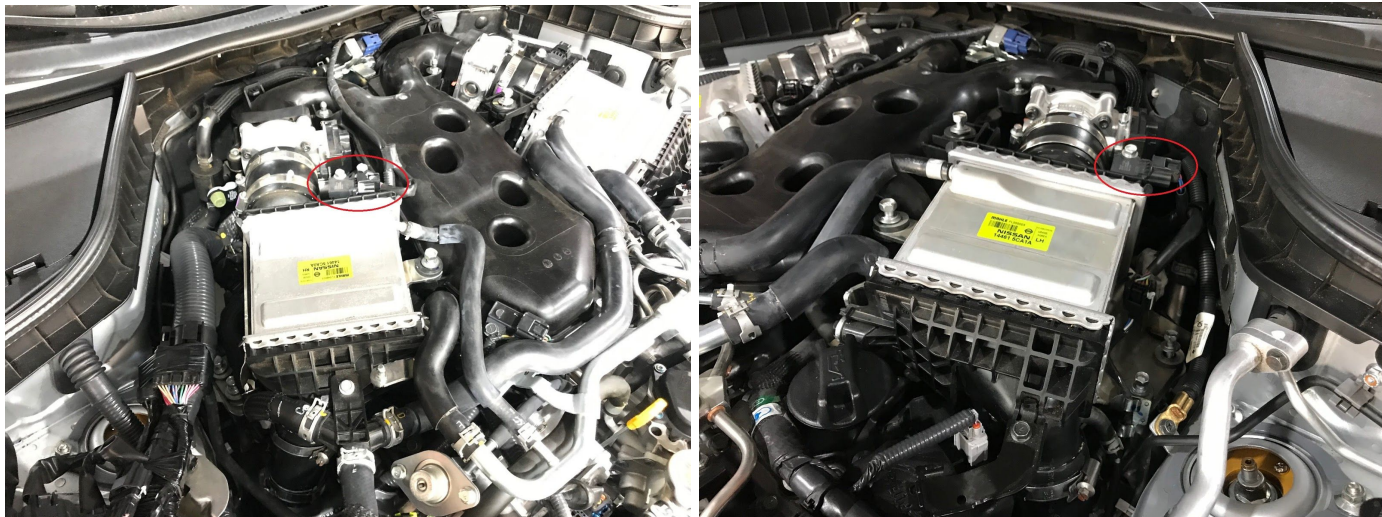
2. Remove the four 12mm bolts (red circles) holding down each intercooler. You may need an extension to reach the lower mounting bolts.



3. Loosen the four worm gear clamps on the left and right intercooler to throttle body couplers using a 7mm wrench.
4. Loosen the four worm gear clamps on the left and right turbo outlet to intercooler couplers using a 7mm wrench or a flat head screwdriver.



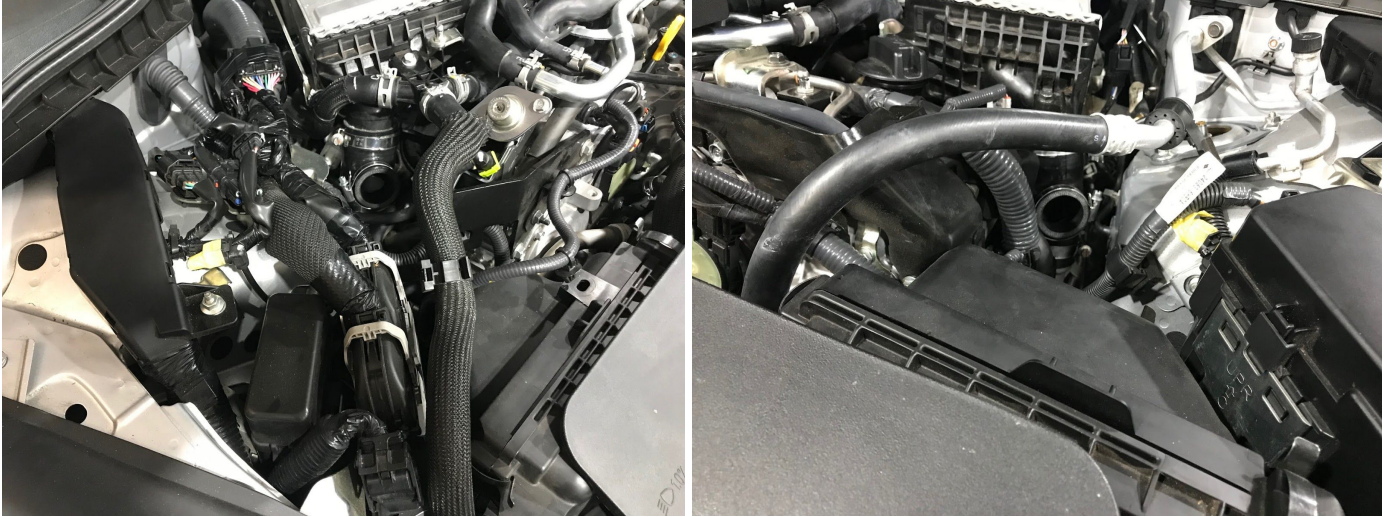
5. Disconnect the Intercooler MAP sensors on both sides near the throttle bodies



6. Carefully pull up on each intercooler to disconnect and remove the two turbo outlet to intercooler couplers from the turbocharger.
7. Grab your new CZP silicone BOV couplers and transfer the clamps from the OEM couplers to the new CZP couplers.



8. Install the BOV couplers so that the open port on the coupler faces towards the headlight on the side it is mounted (drivers side points to the drivers side headlight and passenger side faces the passenger side headlight) but don't tighten the two clamps yet as slight adjustments for correct fitment may be necessary.



9. Reinstall the eight mounting bolts for the intercoolers.
10. Insert the HKS O-rings into the CZP billet aluminum BOV adapter flanges and using a pair of snap ring pliers install them onto the HKS BOVs. The angled ports should be facing the same direction as the vacuum ports on the HKS BOVs.

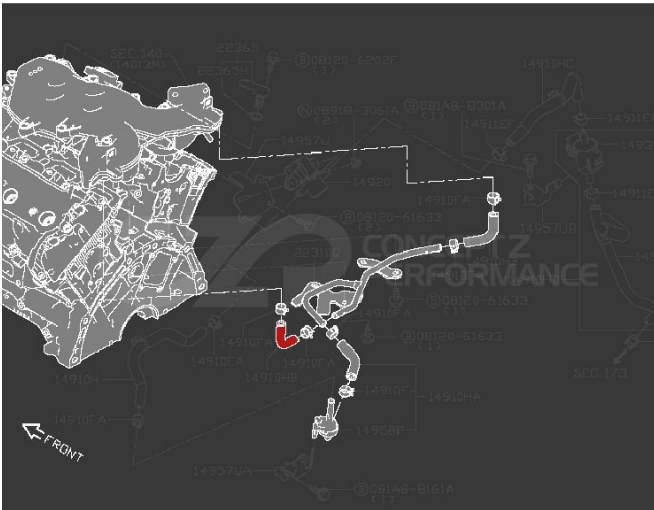


11. Place the included soft edge worm gear clamps onto the open port of the CZP silicone couplers and install the BOVs into each coupler. Twist and adjust the coupler if necessary.
12. Once you get the couplers positioned correctly, remove the BOVs and tighten the upper and lower clamps on each of the CZP couplers.

13. Reinstall the HKS BOVs and tighten the clamps to secure them. Make sure all of the clamps are tight and the BOVs are secure.



14. Using pliers, remove the two spring clamps holding the short angled vacuum hose that goes downward from the rear drivers side of the plenum to a hardline mounted to the back side of the engine. Be careful as the fitting on the plenum is only plastic.



15. Install the CZP silicone Y-shaped replacement hose using the supplied 16mm spring clamps.



16. Connect one side of the 6mm silicone vacuum line and run it up to the center of the engine and connect it to the 6mm side of the 6mm to 2x 3.5mm plastic T fitting, making sure to secure both ends with a ziptie.



17. Cut the 3.5mm silicone vacuum line in half and connect one length of the line to each of the 3.5mm ports on the T fitting, and secure them with zipties. We recommend making the two lines as close to equal-length as possible.

18. Run the open ends of the 3.5mm vacuum line to each of the HKS BOVs and connect it to the vacuum ports, secure with zipties.



19. Optional: Cut the 3.5mm vacuum lines in between the plastic T-fitting and each of the BOVs and add the inline filter provided by HKS with each of their BOVs and secure each side with zipties.

20. Ensure all of the vacuum lines are secured and out of the way of any moving components or rough surfaces which may wear through the lines.
21. Reconnect any electrical connectors (MAP sensors and possibly Throttle Body connectors) that were removed to facilitate the install.
22. Reinstall the engine cover.

Now you're ready to push your car to its limits without fear of harming your turbos!

