

N54 E-SERIES



BOV LINE



UPGRADE



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× × × ×

The N54 BOV line upgrade is essential to making sure your Charge Air System works properly by increasing the inner diameter of the vacuum line to the Intake Manifold.

× × × × **30 MINUTES**

Install time

DIFFICULTY

EASY



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01



REMOVE CABIN AIRFILTER COWL

- UNSCREW 8MM BOLTS (X6)



**REMOVE CABIN AIRFILTER COWL
BY PULLING UP AND OUT OF
ENGINE BAY**



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REMOVE THE RESERVOIR CAPS

Remove the reservoir caps highlighted in red, by depressing the clips highlighted in yellow, then pull up to remove



02



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03

REMOVE CROSS MEMBER

- UNSCREW 8MM BOLTS (X2)
These are located on each side under the reservoir caps that were just removed in the last step.



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03

REMOVE CROSS MEMBER

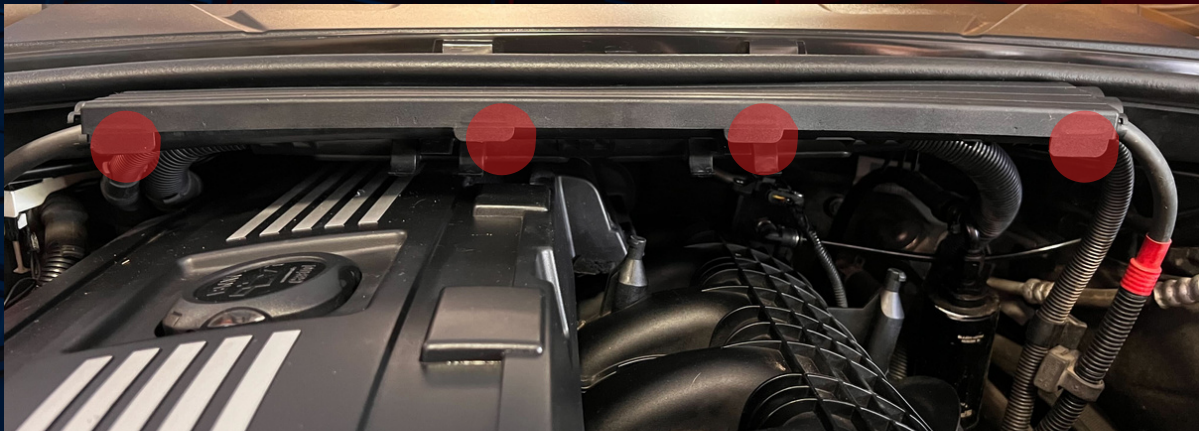
- UNSCREW 8MM BOLTS (X2)



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3.A



REMOVE WIRING FROM CROSS MEMBER



- Pull up on the 4 tabs to release first set of wiring



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3.A



REMOVE WIRING FROM CROSS MEMBER



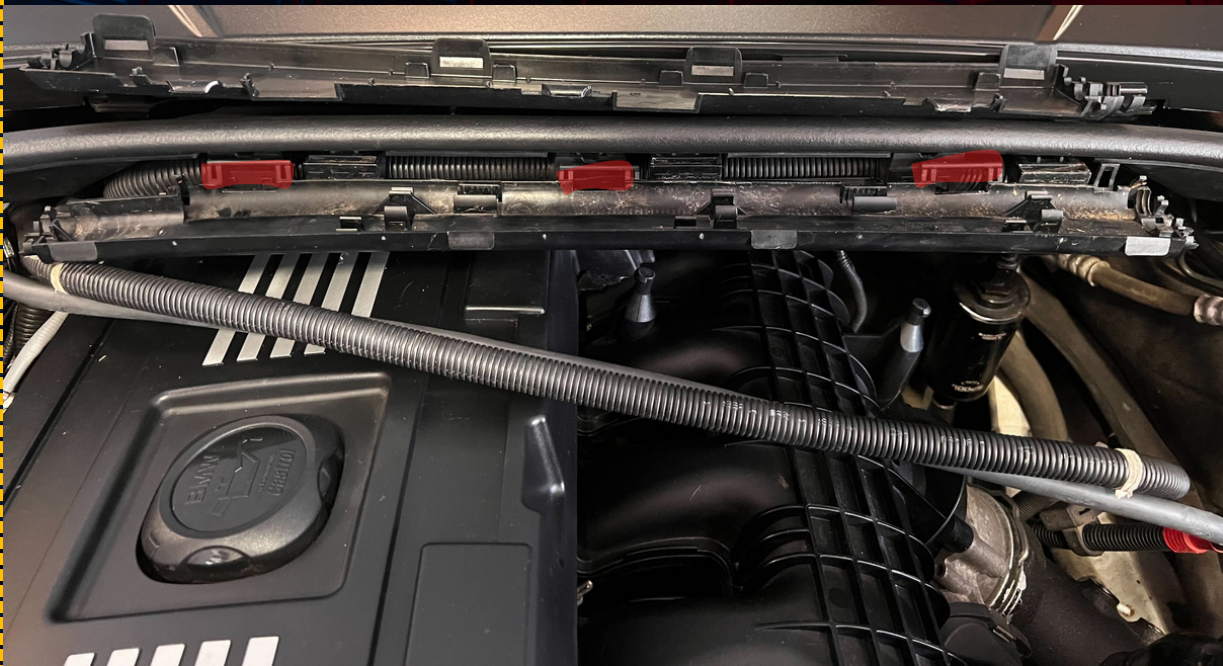
- Pull the 2 wiring harnesses forward and out of the holder



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3.A



REMOVE WIRING FROM CROSS MEMBER



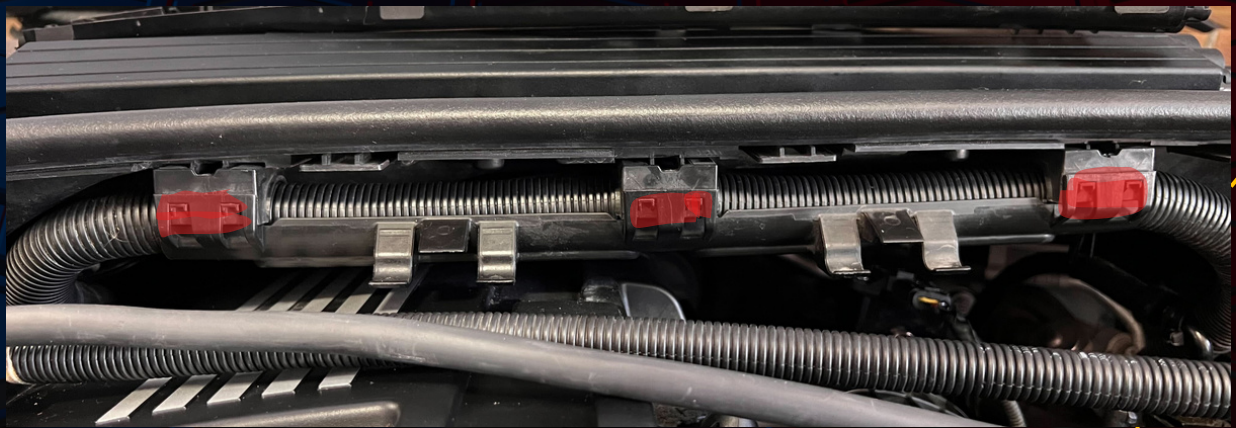
- Pull the first wire harness holder directly forward off of the 3 slide in clips highlighted above



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3.A



REMOVE WIRING FROM CROSS MEMBER



- Release the 3 tab points for the rear harness holder, and pull up on them to create enough space to remove the conduit from the holder



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03

REMOVE CROSS MEMBER

- Pull cross member back toward the front of the engine bay and pull up



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REMOVE THE MAP SENSOR

- Remove T25 (2) Screws
- Using a flathead screw driver, carefully pry up and pull sensor out.



04



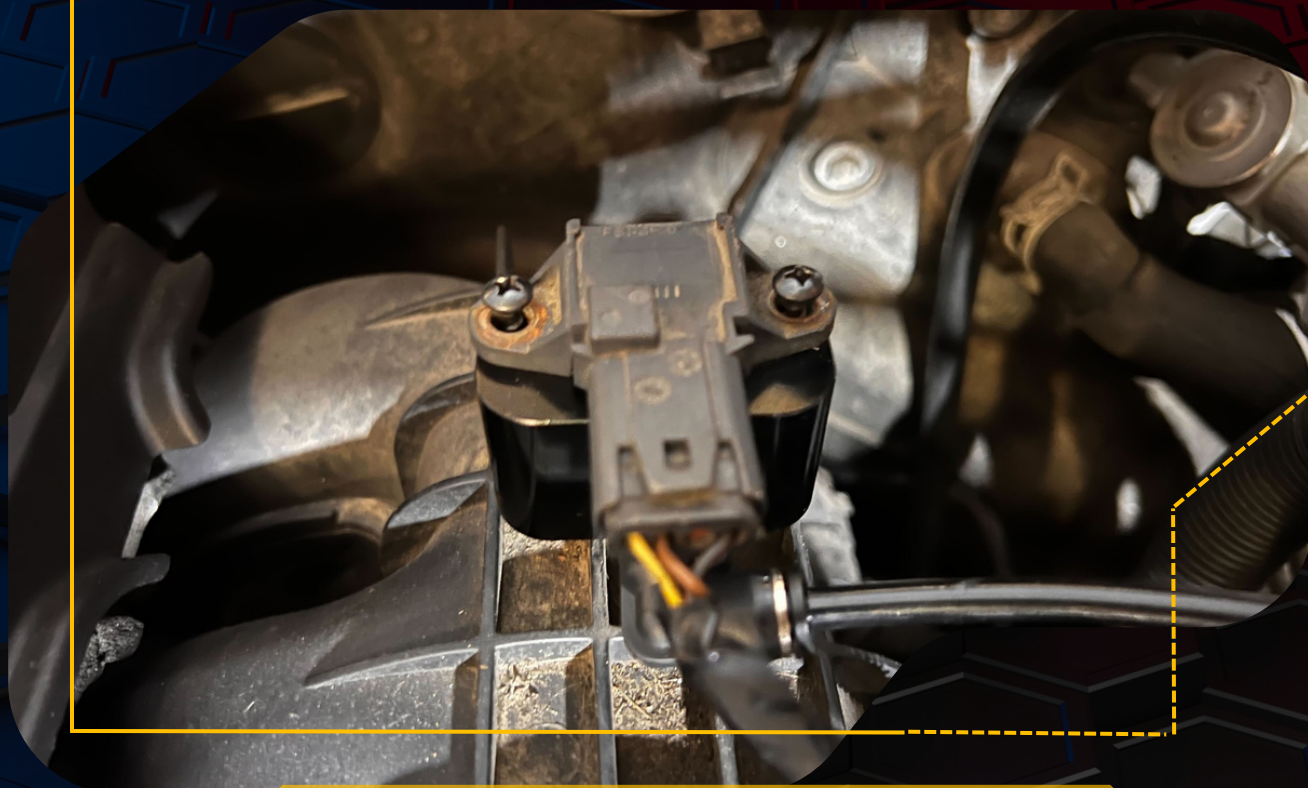
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05

INSTALL BOOST TAP

- Install one end of BOV Line into tap first, by screwing it in
- Place MAP Sensor into top end of tap
- Align tap onto MAP Sensor Bung



- Tighten the supplied screws down



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INSTALL LINE TO TIAL BOV

Using a 12mm wrench tighten the BOV Line onto your TiAL Blow Off Valve!



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»» REINSTALL

01

Replace Cross Member from step 3

Slide forward and onto race, then screw down 8mm (2) bolts

02

Reinstall Wire Harness in 3.A

Keep your engine running smoothly by changing your oil regularly.

03

Place Reservoir Caps Back from step 2

Press down on caps until the clips seat

04

Reinstall Cabin Air Filter

Replace 8mm (6) bolts



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CONGRADULATIONS!

Enjoy your new BOV Line Upgrade

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WAS THIS HELPFUL?

Email in to GETARMED@ARMMOTORSPORTS.com for any additional help, please send photos of any fitment issues.



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Save For Later 