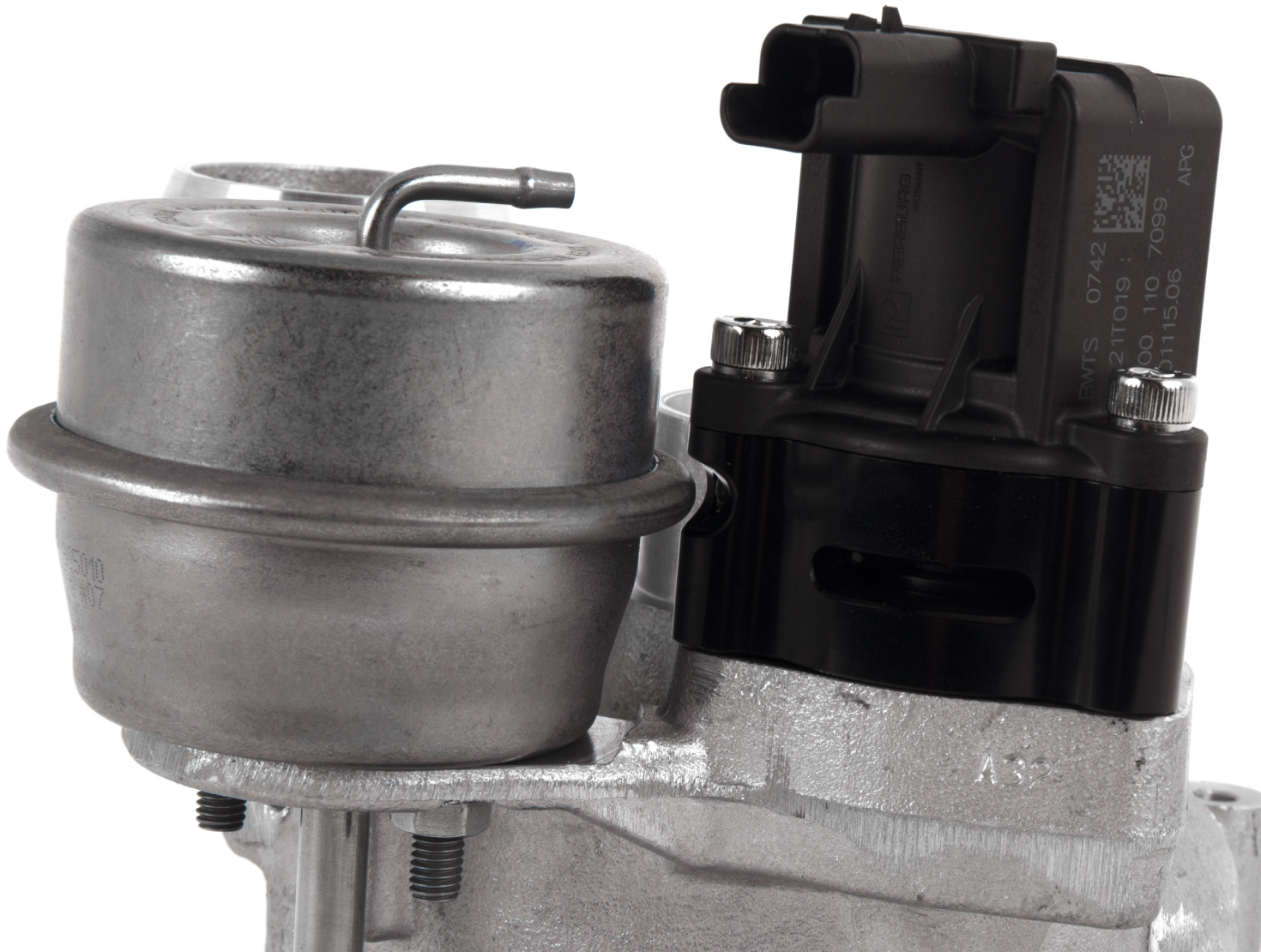




## Mini N14/N18 Atmospheric Diverter Valve Spacer Installation Instructions - [Click HERE to Shop](#)



## INSTALLATION NOTES

- **RH** refers to the *passenger side* of the vehicle.
- **LH** refers to the *driver side* of the vehicle.
- Always use the proper torque specifications.
- If applicable to this installation, torque specifications will be listed throughout the document and at the end as well.
- Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

## GENERAL PREPARATION AND SAFETY INFORMATION

ECS Tuning cares about your health and safety, please read the following safety information. This information pertains to automotive service in general, and while it may not pertain to every job you do, please remember and share these important safety tips.

- Park your car in a safe, well lit, level area.
- Shut the engine off and remove the key from the ignition switch.
- Make sure any remote start devices are properly disabled.
- **ALWAYS** wear safety glasses.
- Make sure the parking brake is applied until the vehicle is safely lifted and supported.
- Whether lifting a vehicle using an automotive lift or a hydraulic jack, be sure and utilize the factory specified lift points.
- Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.
- **ALWAYS** support the vehicle with jack stands.
- **ALWAYS** read and follow all safety information and warnings for the equipment you are using.

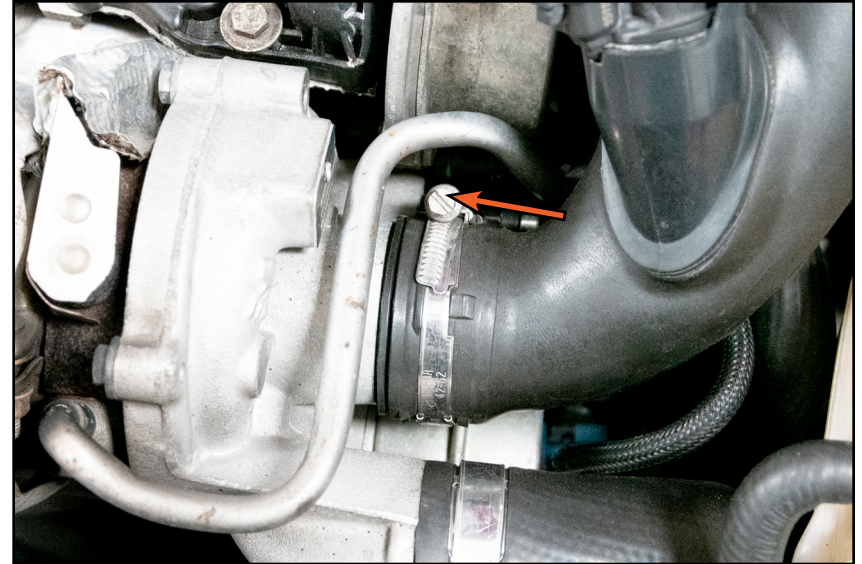


**NEVER** get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

## INSTALLING THE DIVERTER VALVE SPACER

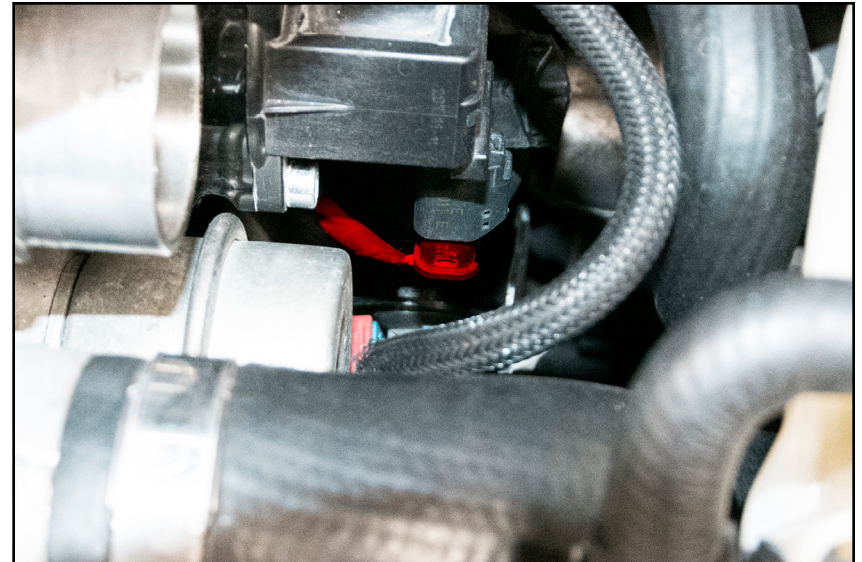
### Step 1: 7mm Socket & Ratchet

Loosen the clamp (arrow), then pull the air intake tube off of the turbo and move it to the side.



### Step 2:

Disconnect the diverter valve connector (highlighted in **RED**).

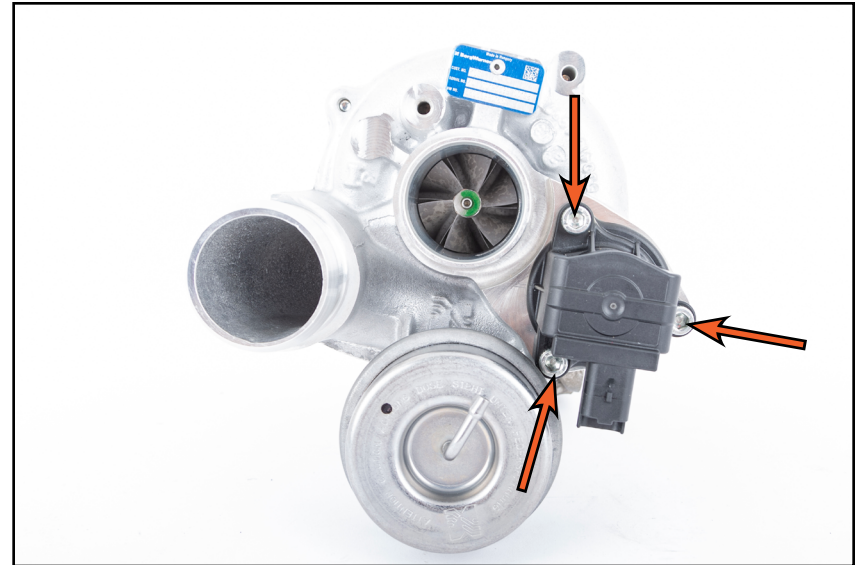




## INSTALLING THE DIVERTER VALVE SPACER

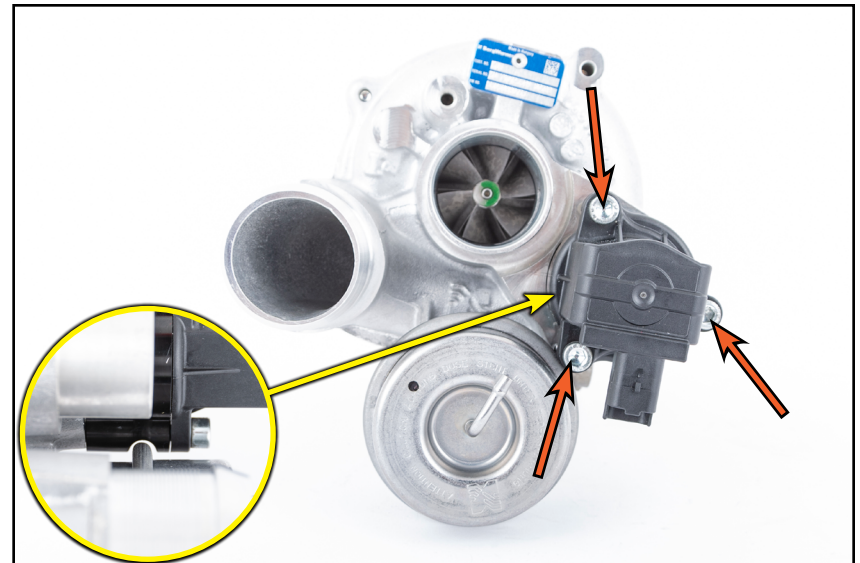
### Step 3: 5mm Hex (Allen)

Remove the three screws (arrows), then remove the diverter valve from the turbocharger.



### Step 4: 5mm Hex (Allen)

Install the diverter valve spacer so that the notch is aligned to clear the wastegate (as shown in the inset photo), then reinstall the diverter valve with the supplied screws (arrows) and torque them to 10 Nm (8 Ft-lbs).

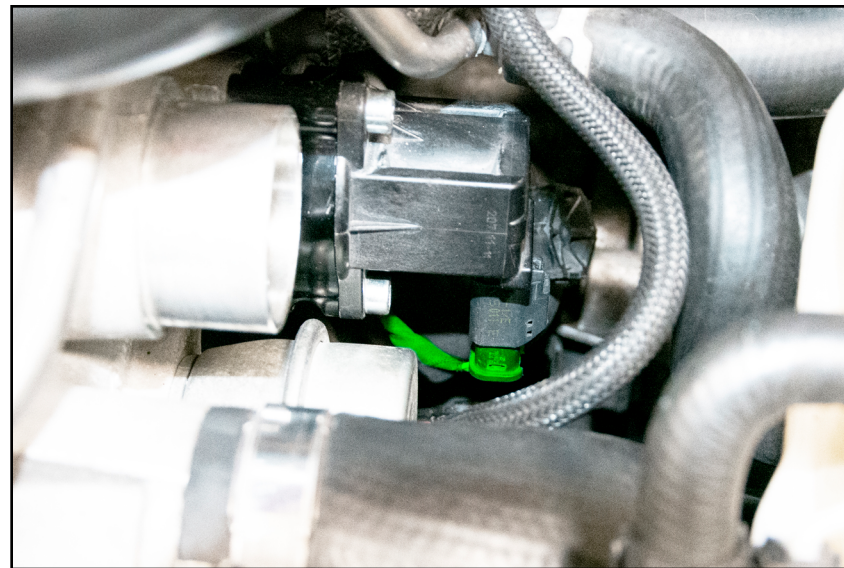




## INSTALLING THE DIVERTER VALVE SPACER

### Step 5:

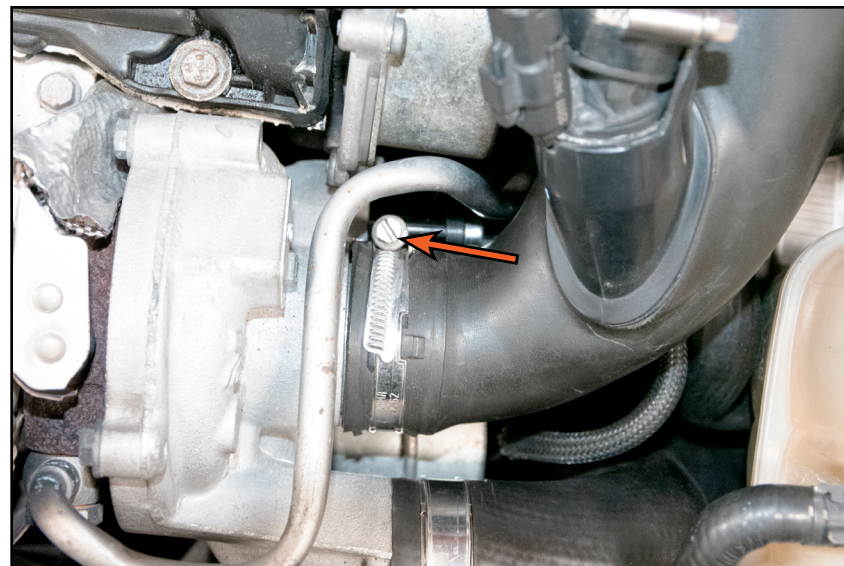
Reconnect the diverter valve connector (highlighted in **GREEN**).



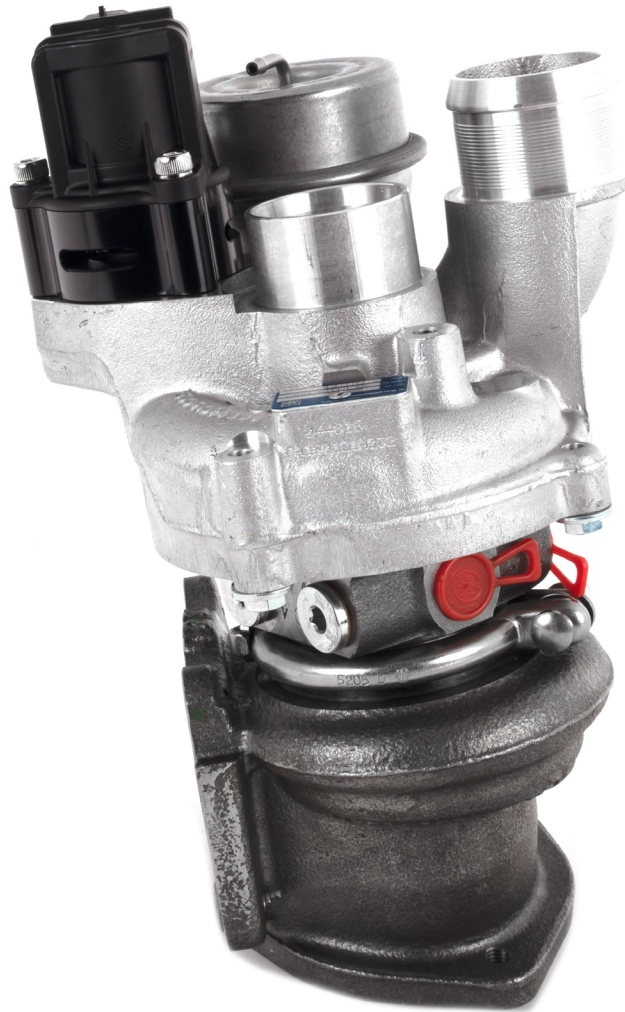
### Step 6: 7mm Socket & Ratchet

Slide the air intake tube onto the turbo, then tighten the clamp (arrow) until snug.

***Congratulations, your installation is complete!***



## Your Diverter Valve Spacer installation is complete!



### These instructions are provided as a courtesy by ECS Tuning

Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

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