

BMW E Series

# 10 Micron Filter Install Guide



Installation Guide

# 10 Micron Filter Install Guide

Hi,

Congratulations on the purchase of your Spool Performance 10 Micron Filter. We at Spool Performance go to great lengths to make sure we provide you with the highest quality products that can meet the specifications that lets us warranty all our products for life. We would like to point out from the onset that we strive to provide the finest level of customer service and if you encounter any issues with our products, we are here for you. Please reach out to us at

[customer\\_service@spoolperformance.us](mailto:customer_service@spoolperformance.us) and we will make sure we take care of you.

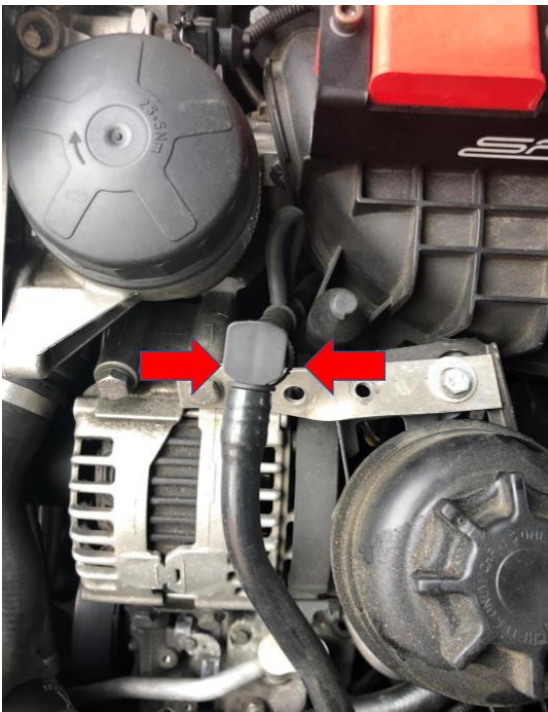
## COMPETITION USE ONLY DISCLAIMER

Spool Performance products are explicitly meant for competition use at closed track race events. Purchaser acknowledges that installation of these parts may cause his (or her) vehicle be unable to be lawfully used on public highways, and assumes all risks and expenses thereof. All suggested modifications and recommendations are intended solely for use on vehicles participating in off-highway competition events. Purchaser acknowledges that the performance part may void manufacturer vehicle warranties. The purchaser accepts all responsibility for modifications to said vehicle(s) and all potential risks.

## Package Contents

10 Micron Filter	x 1
Filter to Low Pressure Stainless Steel Line	x 1
Filter to Under Car Low Pressure Line	x 1

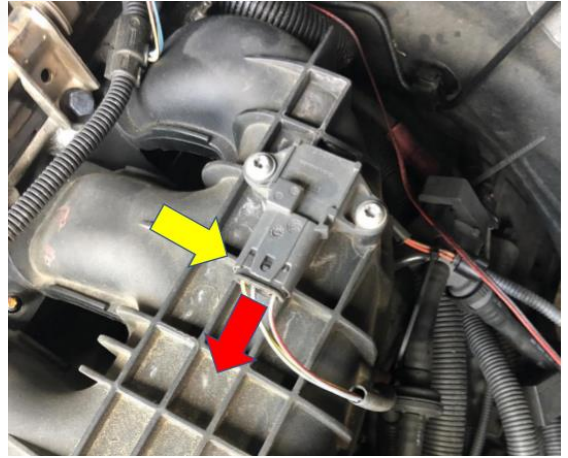
1. Disconnect battery from the trunk (**IMPORTANT** you'll be working with fuel around the starter cable and having the battery on poses a high risk of accidental sparking).
2. Remove Air Filter housing or DCI filters if installed.
3. Remove the charge pipe by disconnecting the TMAP sensor and vacuum line from the blow off valve. Then remove the charge pipe by removing the clip at the throttle body and loosening the clamp from the lower charge pipe.



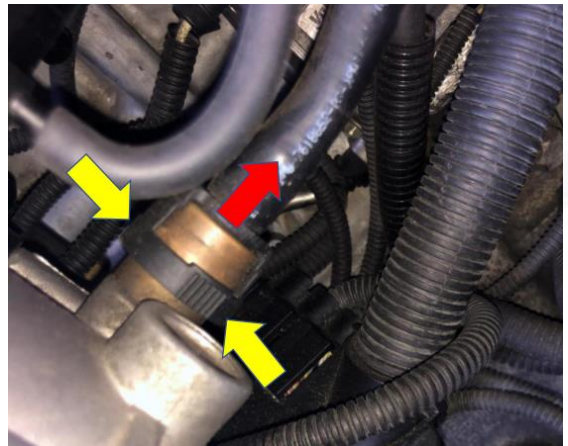
4. Remove the hard vacuum line by squeezing the tabs and pulling up.

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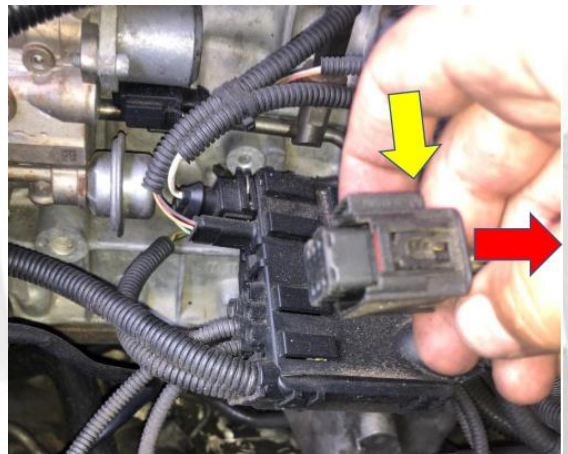
4. Remove the MAP Sensor connector located on top of the intake manifold by slightly lifting the tab, be careful not to break it and pull it out. Using a small flat head might help but it can be done by hand.



5. Remove the Vacuum line off the throttle body by pressing in the two tabs at the same time and pulling out.

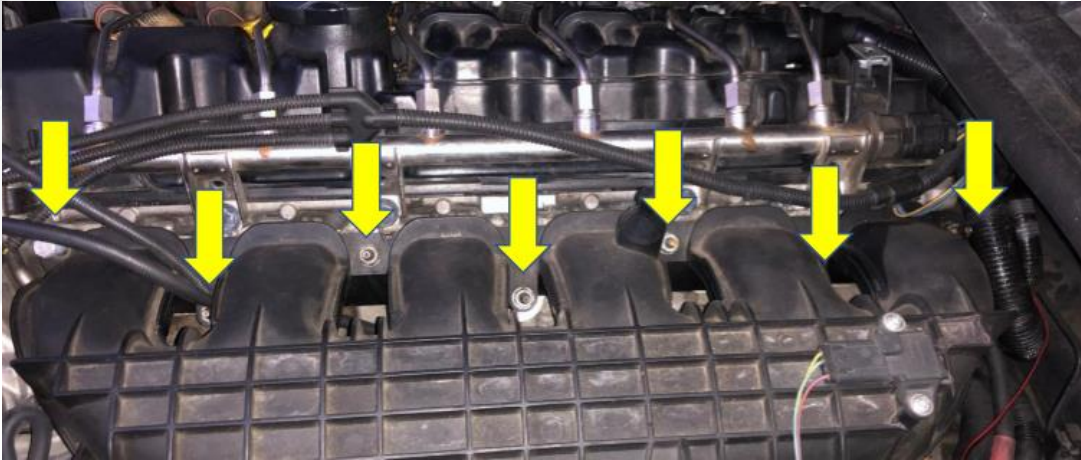


6. Remove the connector from the bottom of the throttle body by pressing in on the tab and pulling out. (This part can be tricky since it's underneath the manifold.) Sometimes it's easier to do this once the manifold is loosened up just be careful not to tug on the wires



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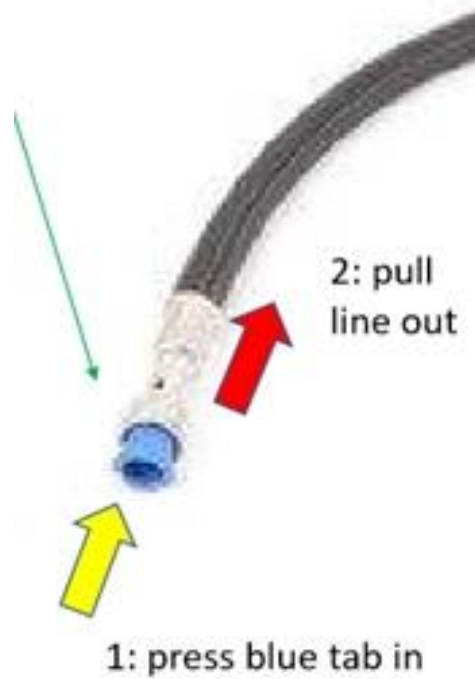
7. Use an 11 mm socket with the help of a small extension to remove the nuts and one bolt (closest to the alternator) on the intake manifold.



8. Carefully pull out the intake manifold making sure it doesn't get stuck on any wires. Now you are able to see the Low Pressure Steel Line and the Soft Line following it in the bottom right hand corner just under the starter.



9. We are going to remove the Soft Line from the Steel line, proceed by pushing in the blue section and pulling the Soft Line away from the Steel Line.

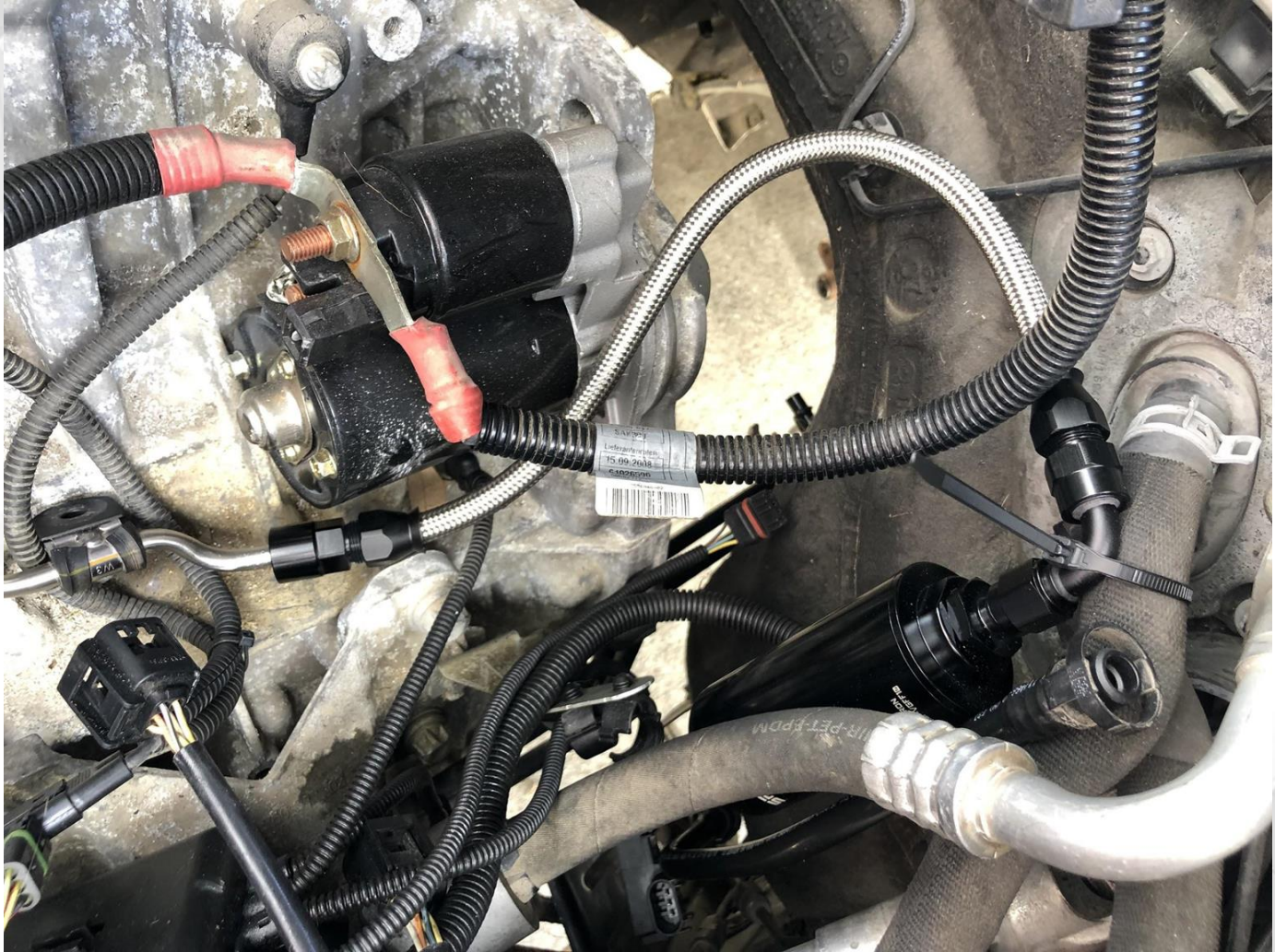


10. Get below the car and look behind the driver's side wheel. You will see a black bracket with a couple lines within. Find the Soft Fuel Line and disconnect it using the same method from the previous page.





Taking note of the arrows on the Inline Filter Unit, it shows the direction of flow which should be flowing towards the engine. Connect the correct side to the Low Pressure Steel Line. We've also found a place to ziptie the 90 degree fitting to hold the unit in place. Remove the cap off of the fitting, plug in the steel fuel line, and screw the cap back on last.



Going back under the car, find the new line from the Micron Filter and connect it to the existing fuel line under the car. Remember to place the line back in the brackets.



You're pretty much set! All you have to do now is reinstall items that were removed earlier, reconnect your battery, and now you have the 10 Micron Filter installed!



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## Limited Lifetime Warranty

Spool Performance warrants to the original consumer purchaser for as long as they own their automobile that Spool Performance Products will be free from defects in material and workmanship under normal use. This warranty is only applicable to the original purchaser and is not transferable to subsequent owners.

Should defects in material or workmanship exist during the applicable warranty period in any Spool Performance product, the company will elect at its discretion to either repair or replace the defective material. This warranty covers only parts and materials of the Products supplied by Spool Performance. Not covered under this warranty is labor, to remove and reinstall the product and/or related components.

This warranty shall become void if the products are in any way modified, improperly installed or damaged prior to or during the installation. Furthermore, this warranty will not apply to damages caused by misuse, neglect, abuse, acts of God, exposure to extreme temperatures, normal incidental deterioration such as nicks, scratches, abrasions and natural aging whether resulting from the effects of normal wear and tear or abnormal use. Spool Performance reserves the right to alter design, specifications and material without obligation to make similar changes to Products previously manufactured.

The repair(s) or replacement(s) are contingent upon the current Product offerings within the Spool Performance Products at the time of the warranty claim. If a warranty claim is filed after a Spool Performance Product becomes obsolete, Spool Performance reserves the right to honor the warranty by replacing the affected component with a new component of the same function.

This warranty sets forth your sole and exclusive remedy as a warranty holder for the Product. In no case will Spool Performance be liable to you or to any other person for any consequential, special, or indirect losses or damages of any kind. THIS LIMITED WARRANTY IS IN LIEU OF AND SPOOL PERFORMANCE DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTIES MAY NONETHELESS EXIST BY OPERATION OF LAW, SUCH WARRANTIES ARE LIMITED TO THE DURATION PROVIDED BY LAW.

Claims must be initiated through Spool Performance. To initiate a claim, please contact us at 832-372-5619 or email us at [customer\\_service@spoolperformance.us](mailto:customer_service@spoolperformance.us). Claimant will be required to provide proof of ownership and the date of Product purchase, and may be required to return the Product or component to Spool Performance prior to receiving a replacement unit.