



Sport Oil Cooler Valve Install Guide

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Use subject to terms and conditions posted at <http://www.burgertuning.com/terms.html>

THIS PART IS LEGAL FOR USE ONLY IN COMPETITION RACING VEHICLES AS DEFINED UNDER CALIFORNIA LAW, AND IS NOT LEGAL FOR USE IN ANY OTHER MOTOR VEHICLE. California law defines a "racing vehicle" as "a competition vehicle not used on public highways." (Calif. Health & Safety Code 39048) This part may only be used on competition racing vehicles operated exclusively on a closed course in conjunction with a sanctioned racing event. Competition-only motor vehicles may not be driven to a racing event on a public highway and must be transported on a trailer or other carrier. USE OF THIS PART IN ANY OTHER VEHICLE MAY SUBJECT YOU TO FINES AND PENALTIES FOR VIOLATION OF FEDERAL AND/OR STATE LAW, WILL VOID YOUR WARRANTY FROM BURGER MOTORSPORTS, LLC, AND CAN VOID YOUR VEHICLE'S WARRANTY. It is your responsibility to comply with all applicable federal and state laws relating to use of this part, and Burger Motorsports, LLC hereby disclaims any liability resulting from the failure to use this part in compliance with all applicable federal and state laws.



**Option 1:
N54 BMW's with a
manufacture date on
or before March 2007**



**Option 2:
Late 2007+ models**

ATTENTION! 2007 and before N54 models. N54 BMW's with a manufacture date on or before March 2007 must use the option 1 blue thermostat 2007 and before models may require slight drilling of the factory thermostat lid or modification of BMS valve so the factory lid can close over the new valve. As an alternative to modifying the factory lid or BMS valve on March 2007 and before models, we sell custom billet lids that will accommodate the 2007 and before sport valve. [Click here.](#)

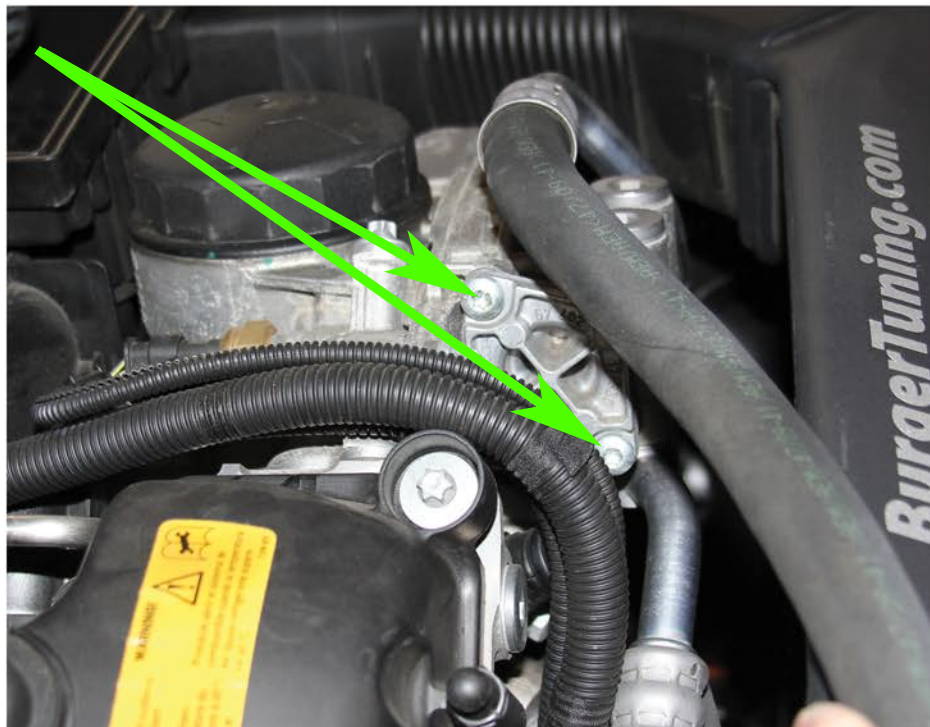
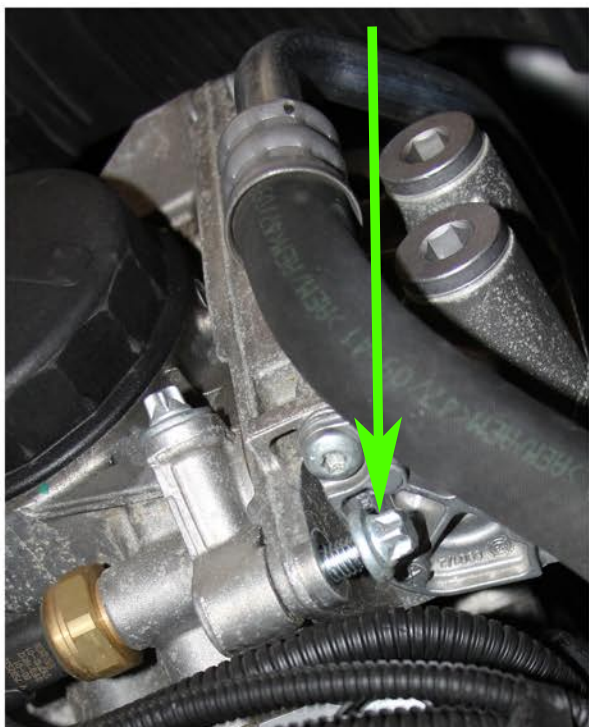
Sport Oil Cooler Valve Install Instructions:



1. Locate the oil cooler housing under the hood at the front of the engine highlighted in yellow below.



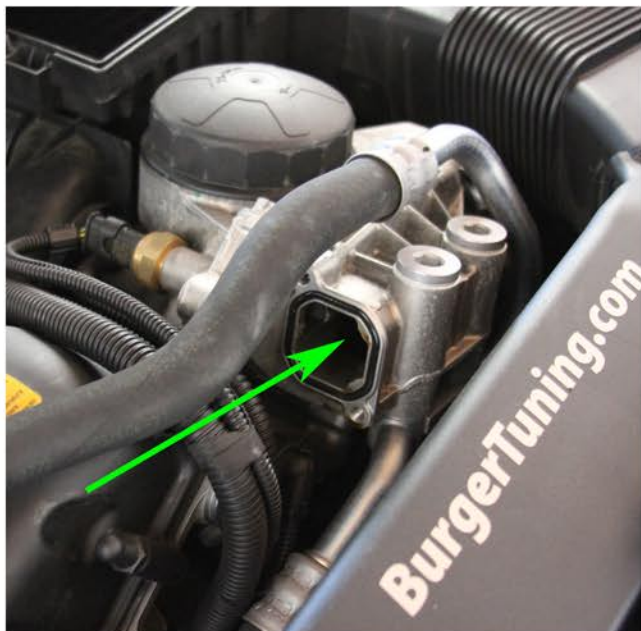
2. Remove the (3) torx screws on the left side of the housing.



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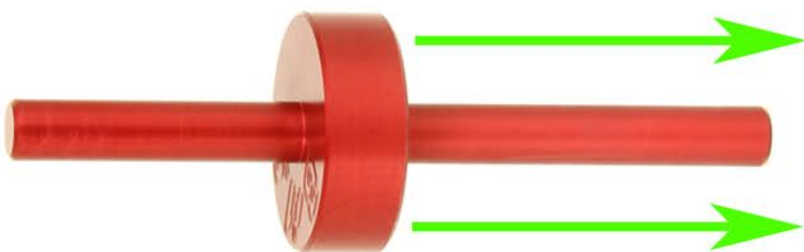
3. Remove the housing lid and remove the brass factory valve. Then remove the spring below it. Place these 2 items aside for safe keeping. **Neither the brass factory valve or the spring will be used in the vehicle when the BMS Sport Oil Cooler Valve is used. Putting the spring back in will reduce flow and make the unit less efficient.**



Factory valve and spring stays out of the vehicle with the BMS unit installed.

4. Replace the factory valve and spring mechanism with the Sport Oil Cooler Valve. The longer part of the low temperature thermostat goes in first. The BMS logo should be facing out. Do not force the unit in. It should easily fit in like a puzzle. If it does not discontinue use. Replace the cover. It should close all the way by pressing on it. If it does not discontinue use and don't tighten the bolts.

Longer side goes in first. The BMS logo should face outward like in the photo to the right.



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5. Tighten all the bolts. Do not leave any out or loose to prevent leaks. You are done. Enjoy lower temperatures.