



Shelby Aluminum Oil Pan Installation

S7MR-6675-C - Information & Installation Instructions

Application: 2007 - 2012 Shelby GT500

Kit Contents	Description	Qty
	Oil Pan	1

NOTES:

Tools needed:

Tools
Tools
Tools

Thank you for purchasing the Shelby American Aluminum Oil Pan. Installation requires dropping the K-Member to remove and install the pan. Please refer to Ford maintenance manual for this or take to qualified technician.

IMPORTANT: When working on a vehicle, make sure you are working on a clean level surface. Make sure car is in gear and emergency break is set. Allow adequate time for the exhaust and other components to cool prior to installation. Please read the instruction thoroughly prior to installation so you can better understand the process. We recommend doing all work on an automotive lift. If you do not have access to a lift we recommend taking it to someone who does.



Shelby Performance Parts

www.ShelbyPerformanceParts.com

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Satisfaction Guarantee

If you are not happy with this product for any reason or found product to be defective in manufacturing, simply return it to Shelby Performance Parts, Inc. within 30 days of purchase and we will replace it – no questions asked. We stand behind our products one hundred percent, so you can sit behind in the wheel with pride.

**YOU MUST call Shelby Performance parts Customer Service for a Return Authorization (RA) before returning any product. Proof of purchase and dated receipt must be present with any return. All returned products are tested and if found to be damaged by the installer, no replacement will be issued. You pay the cost to ship to us, we pay for the return shipping. Guarantee does not include any labor and/or tax charges.*

- 1) Before installing the oil pan a check for interference with the rods, frame members, headers, etc. should be done. If there is a problem, we will be glad to work out a solution. However, pans that have been reworked or modified in any way, cut or notched to clear main caps, or pans that have been damaged will not be accepted for return. If you have a problem with the pan, call or write us.
- 2) Make sure that the oil pan gasket that you use is OEM or better in quality and is the proper gasket for the application. If you need assistance with your oil pan gasket needs, please give us a call.
- 3) Clean your oil pan thoroughly before installation. If your pan has a bolt-in windage tray or slosh baffle, they should be removed during cleaning. All bolts, nuts and screws should be lock tightened when the windage tray or slosh baffle is replaced. Teflon tape should be used on all pipe thread connections, Make sure the drain plug is tight, ¼ turn past finger tight is ideal.

Installation of the oil pan to the engine block

- 1) Make sure that all mounting surfaces, fasteners and mounting holes in the engine block are clean. This can be accomplished by using a good evaporative brake or parts cleaner.
- 2) Spread a think bead of RTV silicone sealant along the oil pan rails, remember that too much sealant can ruin the end result. If you don't want to apply the RTV silicone sealant along the whole oil pan rail at least apply in at the ends of the gasket. Apply the gasket by lightly working it down around the oil pan to spread out the RTV silicone and let sit overnight.
- 3) Carefully spread a think bead of RTV silicone sealant along the oil pan gasket where it meets the engine block, remember that too much sealant can ruin the end result. Apply a light coat of sealant to the threads of the mounting hardware. Move the oil pan into position on the engine block, making sure the gasket stays in position. Uniformly finger-tighten the oil mounting hardware by a couple of threads in a criss-cross fashion. Go back and torque in a criss-cross fashion the ¼"-20 oil pan mounting hardware by 10 ft lbs, the 5/16"-18 oil pan mounting hardware by 12 ft lbs and let sit overnight before filling with oil.