



Instructions for Mr. Gasket Part # LSRC1

Using Rear Main Cover Tool With Oil Pan Already Installed.

1. Clean rear cover and remove the old seal.
2. Install new rear cover gasket (Mr. Gasket # 61032G) on cover using a few bolts to hold it in place.
3. Put RTV (Mr. Gasket # 78080G) sealant where the block, pan, and cover meet. If you are using the old pan gasket, a small amount can also be put on the bottom of the cover where the pan gasket meets the cover.
4. Install the cover with all the bolts barely hand snug. Apply a small amount of oil to the tool on the O-rings and inside the tool. Install the rear cover tool # LSRC1. If the tool is too tight, you may need to snug the two bottom pan bolts down to pull the cover downward squeezing the pan gasket slightly relieving the pressure off the tool to help center the cover. If the plastic tool won't fit over the end of the crankshaft, it can be heated up by placing it in hot water to expand slightly.
5. After the LSRC1 tool is installed, it should rotate when the pan bolts are adjusted correctly. Torque the rear cover bolts to 18 ft/lbs. & then torque the rearmost oil pan bolts to 104 in/lbs. Remove the alignment tool.
6. Install the new rear main seal (Mr. Gasket # 61071G), leaving the white plastic piece in place and slip it on the crank facing the correct direction. Then, position the tool against the seal and tap on the tool with a rubber mallet evenly until seal is seated.

Using Rear Main Cover Tool # LSRC1 w/o Oil Pan Installed.

1. Use the above instructions, except install the LSRC1 tool in the cover and evenly align the edge of the cover with the edge of each side of the block where the pan gasket sits, then torque cover bolts.

Accessory Parts:

Part #	Description
61071G	Rear Main Seal – GM LS
61032G	Rear Cover Gasket – GM LS
60910G	Rear Cover Bolt Set – SS – GM LS

Part #	Description
60911G	Rear Cover Bolt Set – Polished SS – GM LS
60850G	Oil Pan Bolt Set – SS – GM LS
60851G	Oil Pan Bolt Set – Polished SS – GM LS

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Date: 11-13-17



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