



### Instructions for Mr. Gasket Part # LSTC1 – Use This Tool w/o the Timing Cover Seal Installed in Timing Cover

#### Using Timing Cover Tool # LSTC1 w/ Oil Pan Already Installed.

1. Clean cover and remove the old seal.
2. Install new timing cover gasket (Mr. Gasket # 61030G) on cover using a few bolts to hold it in place.
3. Put RTV (Mr. Gasket # 78080G) sealant where the block, pan, and timing 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. Install the LSTC1 tool. If the tool is too tight, you may need to snug a couple of the 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.
5. The tool should rotate when the pan bolts are adjusted correctly. At that point, torque the cover bolts to 18 ft/lbs. & then torque the front oil pan bolts and remove the tool.
6. Install the new seal (Mr. Gasket 61070G) by slipping it on the cover facing the correct direction. Then, position the tool against the seal and tap on the tool with a rubber mallet evenly until the seal is seated.

#### Using Rear Main Cover Tool # LSTC1 w/o Oil Pan Installed.

1. Use the above instructions, except install the LSTC1 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
61070G	Timing Cover Seal – GM LS
61030G	Timing Cover Gasket – GM LS
61015G	Timing Cover Gasket Set – GM LS
61031G	Water Pump Gasket Set – GM LS
60900G	Front Cover Bolt Set – SS – GM LS

Part #	Description
60901G	Front Cover Bolt Set – Polished SS – GM LS
60850G	Oil Pan Bolt Set – SS – GM LS
60851G	Oil Pan Bolt Set – Polished SS – GM LS
60930G	Water Pump & Water Neck Bolts – SS – GM LS
60931G	Water Pump & Water Neck Bolts – Polished SS – GM LS

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### Instructions for Mr. Gasket Part # LSTC1 – Use This Tool w/o the Timing Cover Seal Installed in Timing Cover

#### Using Timing Cover Tool # LSTC1 w/ Oil Pan Already Installed.

1. Clean cover and remove the old seal.
2. Install new timing cover gasket (Mr. Gasket # 61030G) on cover using a few bolts to hold it in place.
3. Put RTV (Mr. Gasket # 78080G) sealant where the block, pan, and timing 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. Install the LSTC1 tool. If the tool is too tight, you may need to snug a couple of the 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.
5. The tool should rotate when the pan bolts are adjusted correctly. At that point, torque the cover bolts to 18 ft/lbs. & then torque the front oil pan bolts and remove the tool.
6. Install the new seal (Mr. Gasket 61070G) by slipping it on the cover facing the correct direction. Then, position the tool against the seal and tap on the tool with a rubber mallet evenly until the seal is seated.

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