

LINGENFELTER

PERFORMANCE ENGINEERING

Lingenfelter LT1/LT4 Dry Sump Damper



Parts List:

Qty.	Part #	Description
1	L220660114	LT1/LT4 Dry Sump Damper

Included in Kit:

Qty.	Part #	Description
1		LT1/LT4 Dry Sump Damper
6		5/16" - 18 x 1 Flathead Torx Screw
6		3/8" - 16 x 1-1/4 12 Point Bolt
1		Shell Assembly
1		GM OEM Crank Bolt

Optional Parts List:

Qty.	Part #	Description
1	L220675505	5% OD LT4 SC Drive Pulley *
1	L220685510	10% OD LT4 SC Drive Pulley *
1	L220695515	15% OD LT4 SC Drive Pulley *

*Includes six(6) 3/8" - 16 x 1-1/4 Flathead Torx Screws

Required Tools:

- T-40 Plus Torx Bit
- T-45 Plus Torx Bit -
(Used with SC Drive Pulley)
- Torque Wrench
- Torque Angle Gauge
- Damper Removal Tool
- 12 Point Socket -
(Not used with SC Drive Pulley)
- Blue Loctite 242 or similar grade
- Damper Removal Tool
- Damper Installation Tool

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Fastener Installation Information:

LT1/LT4 dry sump damper **with** supercharger pulley:

You will use the six(6) 5/16" - 18 x 1 flathead torx screws and the six(6) 3/8" - 16 x 1-1/4 flathead torx screws. DO NOT use the provided 3/8" - 16 x 1-1/4 12 point bolts. These are used when installing the dry sump damper without the supercharger pulley.



Note: Please disregard the "12 PT BOLTS" note on the supercharger drive pulley. You will be using the 3/8" - 16 x 1-1/4 flathead torx screws instead.



Tighten the torx screws progressively in a star pattern as shown above. This will ensure that the supercharger pulley seats evenly with the damper and hub.

LT1/LT4 dry sump damper **without** supercharger pulley:

You will use the six(6) 5/16" - 18 x 1 flathead torx screws and the six(6) 3/8" - 16 x 1-1/4 12 point bolts.



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