



Fluidampr Duramax® Drill Pin Kit – P/N 300019

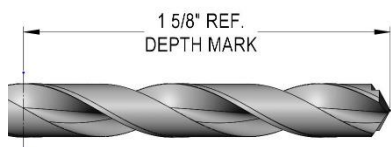
For P/N 830111, 830121, 830141, 830151, 890101 – GM Duramax 6.6L

It is recommended that the Fluidampr be pinned onto the crankshaft when using on high horsepower GM Duramax 6.6L competition drag or pulling engines.

Fluidampr recommends using drill pin kit P/N 300019 and drill the recommended hole in the crankshaft for the dowel pin which is included with this kit. The factory skid plate may need to be removed for this process.

Included With Kit		
Description	P/N	Quantity
Drill Fixture	300018	1
1/4" Drill	44016	1
7/8" Long x 1/4" Dowel	833003-004	1

With the Fluidampr installed on the crank shaft with a friction washer (P/N 760131-FW01 included in 300010) but without the crank bolt and hardened washer, install the drill fixture into the damper clocking the hole 180-degrees from the factory key. Install your crank bolt hand tight, 20ft-lbs max, do not overtighten.



On the supplied 1/4" drill mark and lubricate 1 5/8" as this will be the depth drilled into the crank including the length of the fixture. Go slow and use plenty of lubricant as you drill the hole. Once you complete the drilling carefully remove the bolt and drill guide. Clean the hole and surrounding area of shavings and debris from the drilling process.

Press or tap the supplied pin into the hole until it is fully seated flush/below flush with damper face. It is required to replace the crank bolt with a new bolt as they are torque to yield, it is recommended to use 300010 as it is a high strength bolt offered by Fluidampr. Re-torque crankshaft bolt after engine warm-up cycle.

Part Number	Balance	Engine	Fitment Years	OEM Bolt Torque*
830111	External	GM Duramax 6.6L LBZ/LMM	2006 – 2010	74 Ft-Lbs. plus 105 degrees*
830121	External	GM Duramax 6.6L LML/LGH	2010.5 - 2016	74 Ft-Lbs. plus 90 degrees*
830141	External	GM Duramax 6.6L L5P	2017 – 2019	74 Ft-Lbs. plus 90 degrees*
830151	External	GM Duramax 6.6L L5P	2020+ Dual Belt	74 Ft-Lbs. plus 90 degrees*
890101	External	GM Duramax 6.6L LLY/LB7	2001 - 2005	74 Ft-Lbs. plus 105 degrees*

(If using 300010 torque bolt to 325 Ft-Lbs. or 75 Ft-Lbs. plus 90 degrees)

WARNING: FAILURE TO USE PROPERLY TORQUED BOLTS WILL VOID WARRANTY AND COULD RESULT IN DAMPER, KEY, OR CRANK DAMAGE. ONLY USE THESE TORQUE VALUES WHEN INSTALLING DAMPER WITH OEM BOLTS. *BOLTS ARE TORQUE TO YIELD AND NEW BOLTS MUST BE USED EVERYTIME

LIMITED WARRANTY

WARRANTY: All warranty claims must be made with your point of purchase. LIMITED WARRANTY: Fluidampr warranty extends to the original purchaser only and a copy of sales receipt must be provided. Keep your receipt. Fluidampr recommends to our customers that they have their Fluidampr products installed by a certified technician or engine builder as warranty does not cover installation errors. Fluidampr offers a 1-year warranty for defects in material and workmanship. Repair or replacement will be at Fluidampr's discretion. If purchased from Fluidampr: To obtain warranty service, call customer service to receive a return authorization number. Returns must include the RMA#, description of the problem and a copy of the purchase invoice/receipt. Returns without an RMA# will not be processed. Customers are responsible for freight charges to Fluidampr. If product is found to be faulty, Fluidampr will pay UPS Ground Freight when returning the product to customer. THIS WARRANTY DOES NOT INCLUDE AND IS NOT LIMITED TO THE FOLLOWING: • Failure due to improper installation or maintenance. Loss or injury incurred from use or operation of Vibratex/Fluidampr products. • Misuse, abuse, modifications, or unauthorized repairs. • Removal or replacement cost. • Cost incurred due to downtime of vehicle. • Damage to other engine or vehicle components. • Normal wear and tear. • Use in racing applications or competitive purposes. Fluidampr limited warranty coverage is subject to change due to uncontrolled circumstances with or without notice.

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