



PRECISION PERFORMANCE
SINCE 2008

LN Engineering Transmission Solutions

for Porsche Boxster, Cayman, and 911 Models



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Mission

LN Engineering seeks to provide innovative “no-compromise” solutions to the automotive aftermarket to exceed OEM requirements. We strive to deliver the highest level of precision performance for our products using improved material, manufacturing, and finishing technologies, all backed up by industry leading educational resources and support.



Facility

We do all our machining and manufacturing in the USA in our 18,000 sq/ft facility, located one hour south of Chicago, IL.



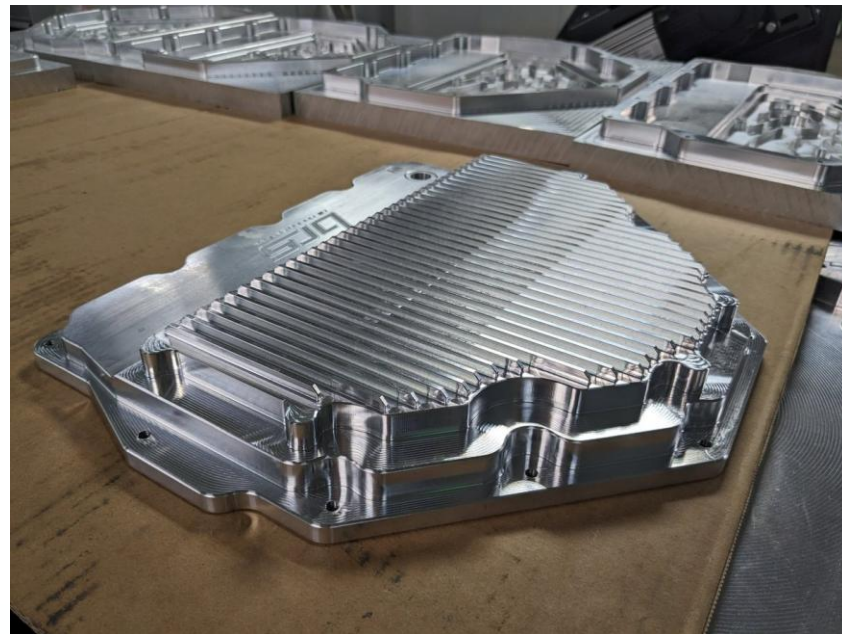


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Quality

Every part made by LN Engineering undergoes stringent quality control inspections at multiple points during the manufacturing process to ensure the best possible outcome for our customer.

ISO 9001 Compliant

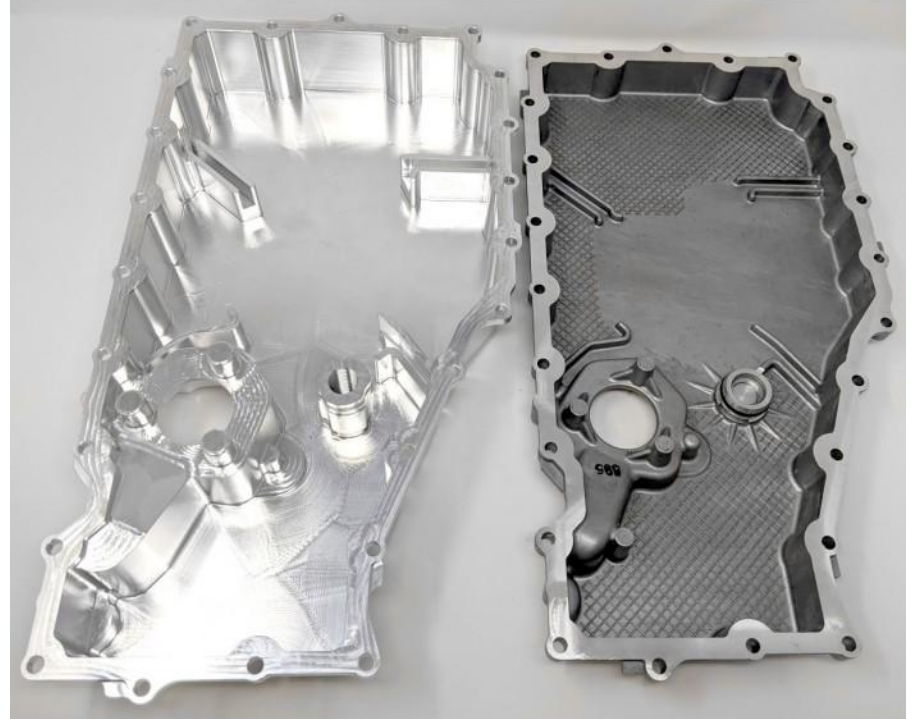




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Design

LN Engineering and Bilt Racing Service parts are engineered and manufactured as direct replacements for OEM components, delivering precision performance for Porsche engines meeting or exceeding OEM requirements.





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Our Partners

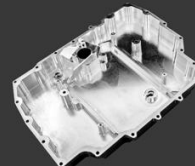
Bilt Racing Service, acquired by LN Engineering in late 2017, has developed proven performance and reliability solutions for both street and track for Porsche Boxster, Cayman, and 911 models up to the newest 718 and 992 models.



BRS PROVEN PERFORMANCE
FOR STREET AND TRACK
Bilt Racing Service



DEEP SUMP KITS



BILLET 9A1 DEEP AND 9A2 SUMPS



ENGINE AND TRANS COOLING

CHECK OUT ALL OUR PERFORMANCE
AND RELIABILITY SOLUTIONS





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Shipping

Easy and secure shipping with trusted UPS Air Freight minimizes time in transit which means less time waiting for your shipment with discounted rates that save you money.



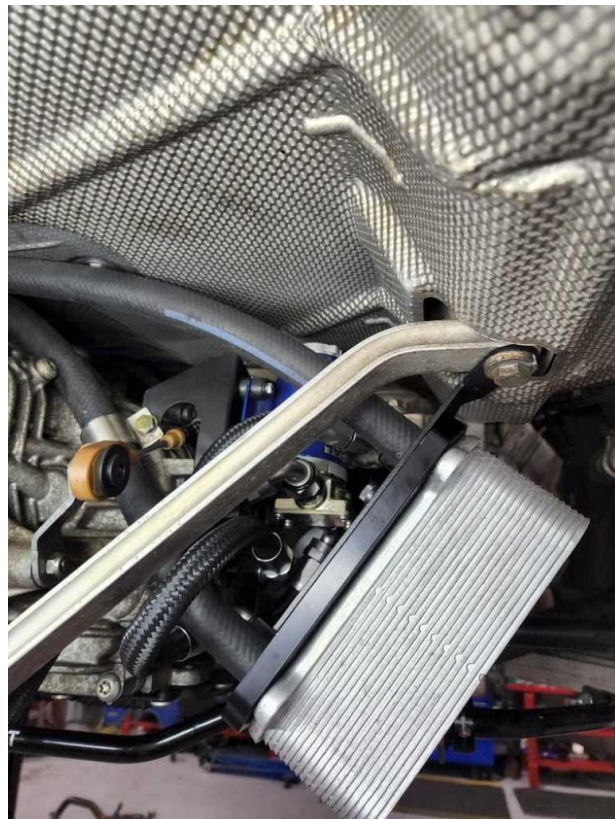


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Why LN Engineering?

LN Engineering is one of the most trusted names in the Porsche aftermarket and is the leading authority on M96/M97 engines.

Bilt Racing Service's years of track experience provides extensive knowledge about the 2009 and later MA1 and MA2 engines found in our upgrades for street and track.





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PDK

Bilt Racing Service's extensive experience with Porsche's PDK transmission in track service has shown that frequent fluid and filter changes along with supplemental cooling is the key to longevity for the PDK.

Our billet PDK pan with serviceable filter and coolers are a must for the track.





PDK

**Repair your 7DT45 and 7DT70
Porsche PDK transmission.**

**The distance / position sensor
failure is indicated by 1731-
1735 and other 17xx errors.**

**The Speed Sensor is also now
available**

**Does not fit models with a
DSG transmission.**



PDK

117-06	BRS Billet Motorsports 987/981 Solid Transmission Mounts
117-07	BRS PDK 15mm Axle Spacer Kit
117-08	BRS 987 Boxster/Cayman PDK Cooler Side Mount Kit
117-08.2	BRS 981 Boxster/Cayman PDK Cooler Side Mount Kit
117-10	BRS Billet PDK Transmission Pan
117-10.1	BRS Billet PDK Transmission Pan Service Kit
117-11	BRS Cayman/Boxster 987.2 PDK Transmission Gear Oil Cooler Kit
0501325775KX	7DT45 Shift Fork Position Sensor Unit for Porsche PDK Gearbox



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Manual

Just like our bolt on PDK cooling solutions, Bilt Racing Service now offers a plug and play gear cooler for 987.1 Boxster and Cayman models.

Pair with our Boxster/Cayman engine oil cooler, low temperature thermostat, and CSF Radiators for maximum cooling for the track.





Manual

117-12

BRS Cayman/Boxster 987.1 6-Speed Transmission Gear Oil Cooler Kit



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Oil Coolers

Adding a larger engine oil heat exchanger can reduce oil temperatures when coupled with a low temp thermostat and upgraded radiators.

Our universal oil to water heat exchanger/cooler kit allow for custom transmission cooling solutions.





Oil Coolers

118-00-KIT

Bilt Racing Service BRS XL Oil to Water Heat Exchanger Kit - Universal Oil Cooler



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Magnetic Drain Plugs

CNC machined in-house from magnetic stainless steel and fitted with rare earth magnets, our billet drain plugs allow for an easy way to monitor the health of your drivetrain.





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Magnetic Drain Plugs

99730180700LN	LN Engineering Billet 6-Spd Manual Transmission Magnetic Drain Plug for 05-12 911 models. (18 x 1.5)
N91059701LN	LN Engineering Billet Stainless Steel Porsche/VW/Audi Manual Trans Drain Magnetic Drain Plug (22 x 1.5)
WHT001937LN	LN Engineering Billet Stainless Steel Porsche/VW/Audi Magnetic Trans Drain Plug (24 x 1.5). Also replaces 999-064-020-02.
9G132180500LN	LN Engineering Billet Aluminum PDK Magnetic Transmission Plug with Seal (18 x 1.5)





Low Temperature Thermostat

Most thermostats doesn't open fully until about 100C.

Upgrading to a 71C thermostat allows the thermostat to fully open by 85C to maximize cooling system efficiency, which is even more important when adding more or larger oil to water heat exchanger/coolers.



Low Temperature Thermostat

106-06.1	160F Low Temperature Thermostat, insert only. Use tool 106-06.2 to remove/install.
106-06.2	M96/M97 Thermostat Installation/Removal Tool
106-06.6	160F Low Temperature Thermostat for 2009-2012 MA1/9A1 Engines (Not recommended for street use)





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Driven Oils

Driven Go 75w90 LS is recommended anywhere a GL-5 is required.





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BRS

Bilt Racing Service offers performance and reliability solutions for Porsche Boxster, Cayman, and 911 models.



*Scan QR code to learn more about
BRS Bilt Racing Service*

bRS
Bilt Racing Service



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KNOWLEDGE

Technical Resources for Porsche Owners

Guides, videos, downloads, AI-powered tools, and **enhanced 24/7 support.**

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lnengineering.com/knowledge/



AI-Powered Tools



ENHANCED 24/7 SUPPORT
Porsche experts, always here.



SOLUTIONS ▾

KNOWLEDGE

SUPPORT 24/7



Knowledge

Technical Resources for Porsche Owners

LN Engineering provides educational resources, training, and guidelines to help you get the most from your aircooled Porsche. Our resources are built by engineers, for enthusiasts—plus, enjoy **enhanced 24/7 support.**



[What is the best oil for my Porsche?](#)



[Porsche Engine Technical Videos](#)



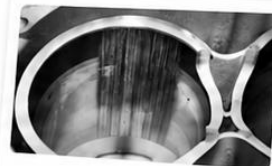
[Technical Downloads for Porsche Owners](#)



[The Definitive Guide to the Porsche IMS Bearing](#)



[The Ultimate Guide to Nikasil and NSC Cylinder Platings](#)



[The Porsche Cylinder Bore Scoring Problem](#)



Contact Details



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SINCE 2002



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