

## What makes King engine bearings better?

For over 50 years, King has been an industry leader in the design, engineering and precision manufacturing of engine bearings for street and racing applications. Our focus and commitment is to produce the highest quality engine bearings available in the market today.

All King engine bearings are produced under one roof in our AS9100 aerospace certified manufacturing facility. King is recognized as a leading developer of production technologies, metallurgical processes and innovative anti-friction materials.

King Set Number	Shell Number	Qty	Position	Crankshaft Diameter	Housing Diameter	Bearing Length	Max Wall Thickness
<b>CR4125XPG</b>	C4125/PRG	4 Pairs		2.0466 / 2.0472 51.984 / 51.999	2.1654 / 2.1661 55.001 / 55.019	0.6496 16.5	0.0591 1.501
STD, STD, .026, 0.25, 0.5							
For 52mm shaft size							
<b>MB5382XPG</b>	M5382/1PRG	2 Pairs	1, 3	2.3616 / 2.3622 59.985 / 60.000	2.5197 / 2.5205 64.000 / 64.013	0.7480 19.00	0.0789 2.004
STD, STD, .026, 0.25, 0.5	M5382/2PRG	2 Pairs	2, 4	2.3616 / 2.3622 59.985 / 60.000	2.5197 / 2.5205 64.000 / 64.013	0.5953 15.12	0.0789 2.004
For flange in #5 position	F5382/PRG	1 Pair	5	2.3616 / 2.3622 59.985 / 60.000	2.5197 / 2.5205 64.000 / 64.013	0.9024 22.92	0.0789 2.004

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For additional information,  
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[www.kingbearings.com/subaruXPG](http://www.kingbearings.com/subaruXPG)



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SUBARU



SUBARU

# TURN UP THE BOOST!



Vermont SportsCar

## KING SUBARU XPG ENGINE BEARINGS

SUBARU EJ15, EJ16, EJ18, EJ20, EJ22, EJ25

# King XPG Bearings are engineered to take all the boost and RPM your EJ motor can dish out.

Feel confident about going *wide open throttle!*

Premature bearing failure caused by low oil pressure or oil starvation has plagued high output Subaru EJ series boxer engines. King custom engineered XPG race bearings are specifically developed to survive and excel under conditions that cause other bearings to fail.

King conducted extensive research into the unique oiling circumstances of the Subaru EJ engine. The result: a completely re-engineered main bearing set that eliminates oil leakage and increases oil flow to #2 and #3 rod bearings.

King Subaru XPG main and rod bearings are produced in our AS9100 Aerospace certified production facility. Each bearing is produced to King's exacting Bull's Eye® tolerance and feature King's 0.0005" metallurgically enhanced and hardened XPG performance overlay.

**NEW!**

## Custom Designed Packaging

Redesigned packaging features specially molded trays that securely hold each shell and prevent contact.

### UNIQUE LUG DESIGN

XPG lug design eliminates the conventional lug recess. Prevents oil leakage and maintains full oil pressure.

### CRANKSHAFT FILLET CLEARANCE

Narrowed bearing lengths to eliminate fillet ride on high-radius cranks.

### 20% HIGHER LOAD CAPACITY

Enhanced tri-metal copper lead construction with nickel barrier and SecureBond adhesion.

SecureBond adhesion ensures superior stability between the top and intermediate layers.

Withstands greater loads and better resists surface fatigue.

Part #  
MB5382XPG

### IMPROVED OIL FLOW

Oil slots replace oil holes for better oil distribution in the groove and more consistent oil flow.

Fully grooved #3 main bearings enable 360° oiling to #2 and #3 rod bearings.

### ULTRA PRECISE WALL TOLERANCE

All XPG shells are produced to  $\pm 0.0001$ " Bull's Eye® wall accuracy.

### IMPROVED CONTACT

Increased crush height ensures complete bearing-to-bore contact. Provides better support, bearing retention, and heat transfer.

Part #  
CR4125XPG

