

TR Stroker Kit for Subaru EJ20



PRODUCT DESCRIPTION

An increase in displacement is the ultimate way to gain horsepower and torque. TR Stroker Kit offers an increase in bore and stroke to achieve this goal using your original EJ series block. TR Stroker Kit for Subaru EJ20 series engines is built with the quality features and the latest technology in coating options to ensure the dependability that comes from every TR products. TR uses competition grade components from forged 2618 aluminum pistons, forged 4340 rods, and crankshaft chosen specifically to offer the durability to handle high horsepower demands. Coupled with competition series bearings, TR Stroker Kit is the ultimate option in Subaru engine upgrades!

APPLICATION

Vehicle	Model	Year	Stroker Kit	
			Part Number	MSRP
Subaru	EJ20 (2.2 Liter)	1999-2007	TR-ES2000	\$1,999.00
			TR-ES2001	\$1,999.00

KIT CONTENTS

- Crankshaft x 1
- Connecting Rods x 4
- Pistons x 4
- Wrist Pins x 4
- Main Bearing Set x 1
- Conrod Bearing Set x 1

SPECIFICATION

Part Number	Stroker	Bore Size	Over Size	Rod Length	Compression Distance	Compression Ratio	Piston Wt / Gms
TR-ES2000	79mm	92.5mm	+ 0.5mm	5.137"	1.209"	8.5	361
TR-ES2001	79mm	93.0mm	+ 1.0mm	5.137"	1.209"	8.5	370

CRANKSHAFT FEATURES

- Forged 79mm stroke
- Multi-step treating process
- Stress relieved
- Nitride treated



CONNECTING RODS FEATURES

- Forged 4340 material
- Shot-peened, heat treated, and magnafluxed
- 3/8" ARP 2000 cap fasteners



PISTON SET FEATURES

- High strength, lightweight 2618 aluminum
- Molybdenum Disulfide coated skirts
- Chrome moly wrist pins
- Total Seal piston rings



KIT CONTENTS

- Pistons x 4
- Wrist Pins x 4
- Pistons Rings

Part Number	Bore Size	MSRP
TR-PS1004	92.5mm	\$607.00
TR-PS1005	93.0mm	\$607.00





TOMIOKA

RACING

**NEW RELEASE
INFORMATION**

Ref: 2011-008
Jun 22, 2011

Tomioka Racing Premium Stroker Kit for Subaru Impreza EJ20

SPECIFICATIONS

Part Number	Stroke	Bore Size	Over Side	Rod Length	Compression Distance	Compression Ratio	Piston Wt / Gms
TR-ES2000	79mm	92.5mm	+0.5mm	5.137"	1.209"	8.5	361
TR-ES2000	79mm	93.0mm	+1.0mm	5.137"	1.209"	8.5	370

CRANKSHAFT

- / Forged 4340 material
- / Multi-step treating process
- / Stress relieved
- / Nitride treated



CONNECTING RODS

- / Forged 4340 material
- / Appropriate weight & strength for high horsepower
- / Shot-peened & fully magnafluxed
- / 3/8" ARP 2000 cap fasteners



PISTON SET

- / High strength, lightweight 2618 aluminum
- / Molybdenum Disulfide coated skirts
- / Chrome moly wrist pins
- / Total Seal piston rings

