



KS TUNED | 110 N GUM ST | KENNEWICK, WA 99336

(509) 585-0900

www.KSTUNED.COM

KST-0100 INSTALL GUIDE

(F23 CONNECTING RODS)

KS tuned is proud to offer our proprietary 600 HP F23 H-Beam connecting rods. KS tuned connecting rods are forged from 4340 Chrome Moly steel and CNC machined to our strict tolerances. Each set of rods includes KS tuned proprietary ARP 2000 fasteners and installation instructions with torque specifications. We design our connecting rods using the latest Solidworks CAD software, and each batch of rods is verified on a CMM and by actually installing it in an engine to ensure accurate tolerances. Each set of rods is sold in weight-matched sets within 2 grams. This combination of stringent material selection, quality components, and precise tolerances ensures that you are offered one of the highest quality connecting rods on the market.

Our H-Beam connecting rods are rated to 600HP and are designed specifically for high RPM, and boosted applications. We designed this connecting rod with strength and weight in mind, making it strong enough for serious boosted applications, but light enough to be used in powerful NA applications.

PACKAGE CONTENTS

(4) Connecting rods with KS Tuned proprietary bolts

(1) Packet of ARP assembly lubricant

TECHNICAL INFORMATION

CENTER-TO-CENTER LENGTH: 141MM (5.551")

MATERIAL: FORGED 4340 STEEL

TORQUE SPECIFICATION: 45 FT/LBS WITH SUPPLIED ARP MOLY LUBRICANT

***** YOU MUST USE THE SUPPLIED LUBRICANT OR ELSE THE ABOVE TORQUE SPEC IS NOT APPLICABLE. IF YOU USE ANY OTHER LUBE, YOU MUST USE THE BOLT STRETCH METHOD. *****

BOLT STRETCH: .0055" - .0060"

CLEARANCES:

ROD BEARING OIL CLEARANCE: .0017" - .0025"

ROD SIDE CLEARANCE: .010" - .016"

WRIST PIN OIL CLEARANCE: .0008" - .0015

*CLEARANCE BETWEEN THE CONNECTING ROD AND ANY PART OF THE BLOCK OR GIRDLE MUST BE A MINIMUM OF .060"

INSTALLATION METHOD:

WHEN TIGHTENING THE ROD CAP, SLOWLY TIGHTEN DOWN EACH SIDE A LITTLE AT A TIME. THIS WAY THE CAP IS SURE TO SEAT PROPERLY AGAINST THE ROD. DO NOT TIGHTEN ONE SIDE OF THE ROD CAP COMPLETELY WHILE THE OTHER SIDE REMAINS LOOSE AS THIS CAN CAUSE THE ROD CAP TO BECOME COCK-EYED!

*RE-USING ROD BOLTS: IT IS OK TO RE-USE AND RE-TORQUE THE SUPPLIED ROD BOLTS AS LONG AS THE BOLT LENGTH DOESN'T EXCEED IT'S ORIGINAL LENGTH BY MORE THAN .001".