

SERVICE INSTRUCTIONS

REFERANS:

TARİH:31.10.2024

SUBJECT: FORD TRUCK DO NOT REUSE CONN ROD BOLTS

INTRODUCTION

The Ecotorq Gen 1.5 conn rod bolts are unable to reuse.

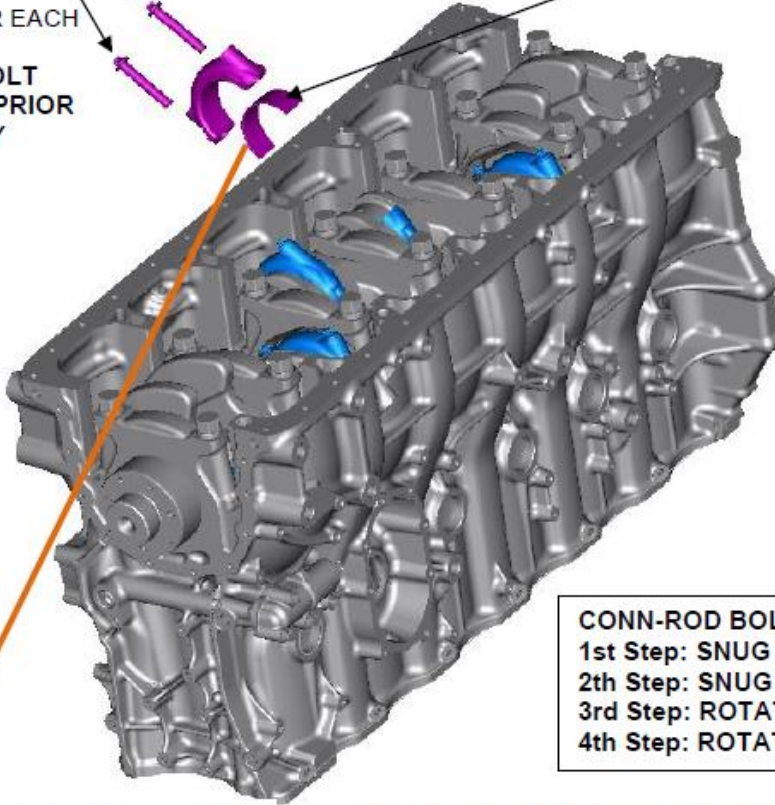
Parts to be Used

The Gen 1.5 conn rod bolts are tightened over the yield strength. The bolts can withstand three tightening procedures. The serial production of the engines at the plant requires 3 tightening procedures due to general checks and end of line tests. Therefore, first bolts on the engine are not reusable. If the bolts are changed in service, the bolt can be used for 2 more servicing procedures totally adding up to the limit, 3 tightening.

Part Number	Part Description
GC46-6215-AC	Conn-rod Bolt

GC46-6215-A
BOLT- CONN ROD
M13x1.5x79
(2 PLACES FOR EACH
CYLINDER)
CONN ROD BOLT
TO BE OILED PRIOR
TO ASSEMBLY

NC46-6213-A
BEARING CONN ROD LOWER
(1 PLACE FOR EACH
CYLINDER)



CONN-ROD BOLTS TIGHTENING STRATEGY:
1st Step: SNUG TORQUE 30 Nm
2th Step: SNUG TORQUE 60 Nm
3rd Step: ROTATE 90°
4th Step: ROTATE 70°



MAKE SURE THAT THE FORD LOGO ON THE LOWER CONROD BEARING IS AT THE SIDE WITH FRONT MARK BOSS AT ASSEMBLY.

CHECK THAT **THERE IS VISIBLE BLACK MARKING** ON THE EDGE OF THE BEARING TO BE ASSEMBLED TO THE **CAP SIDE**

Best regards,

Ford Trucks Product Development Engineering
Ford Otomotiv Sanayi A.Ş.