

Connecting Rod Reconditioning

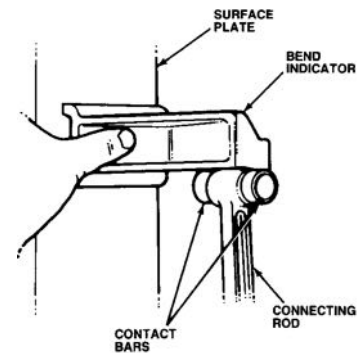
Meets NATEF Task: (Not specified by NATEF)

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. Check the connecting rod for twist.

#1 _____	#5 _____
#2 _____	#6 _____
#3 _____	#7 _____
#4 _____	#8 _____
OK _____	NOT OK _____



_____ 2. If not OK, were they able to be straightened? Yes _____ No _____

_____ 3. Install the rod caps and torque to specification.

NOTE: If new replacement connecting rod bolts are going to be used, press in new bolts *before* reconditioning the connecting rod.

_____ 4. Measure the roundness of the big end of the rod: _____ (should be less than 0.001")

_____ 5. Adjust the rod gauge to zero for the proper rod size.

_____ 6. Remove the connecting rod caps and grind 0.001" - 0.002" from the mating surface of the caps.

_____ 7. Reassemble the caps onto the rod and torque the fasteners to factory specification.

_____ 8. Hone the inside diameter of the connecting rod back to its original diameter and within specification for out-of-round and taper.

HINT: Place two rods together to help maintain a true inside diameter with less chance of creating a tapered hole.

_____ 9. How close to actual specification were all connecting rods? _____

OK _____ NOT OK _____