

► TASK Measure and adjust side bearing preload and ring and pinion gear total backlash and backlash variation on a differential carrier assembly (threaded cup or shim types).

MAST
3E1:10

CDX Tasksheet Number: C145

Time off _____

Time on _____

Total time _____

1. Research the procedure and specifications to measure and adjust backlash on a differential carrier assembly in the appropriate service information.
 - a. Side bearing preload: _____ in-lb/N·m
 - b. Ring and pinion gear total backlash: _____ in/mm
 - c. Backlash variation: _____ in/mm
 - d. List, or print off and attach to this sheet, the steps to perform this task:

2. Following the specified procedure, perform the following measurements.
 - a. Side bearing preload: _____ in-lb/N·m
 - b. Ring and pinion gear total backlash: _____ in/mm
 - c. Backlash variation: _____ in/mm

3. Determine any necessary action(s):

4. If outside of specifications, adjust the preload and backlash. List your final measurements.
 - a. Side bearing preload: _____ in-lb/N·m
 - b. Ring and pinion gear total backlash: _____ in/mm
 - c. Backlash variation: _____ in/mm

5. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

Performance Rating

CDX Tasksheet Number: C145

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Supervisor/instructor signature _____ Date _____