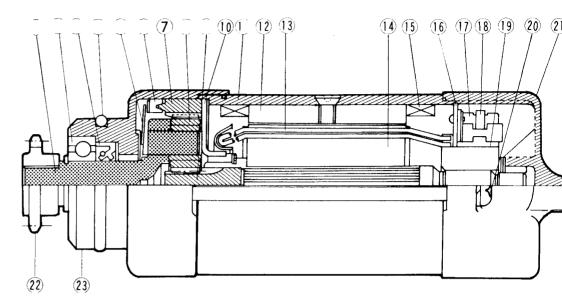
MAINTENANCE 183



- 1. Output Shaft
- 2. Ball Bearing
- 3. Grease Seal
- 4. 0 Ring
- 5. Plate Spring
- 6. Internal Gear Holder
- 7. Internal Gear
- 8. Planet.Pinion
- 9. LJO Gear
- 10. End Plate

12. Cores

11. Yoke Assembly

- 15. Field C21. End Cover
 - 16. Brush 22. Starter Motor Sprocket 17. Carbor23. End Cover

13. Armatı19. Commutator 14. Armatı20. Screw

- 18. Spring

Commutator

will in А dirty damaged commutator result poor or Commutator Segment **(583**) Good 0.5

brush brushes down contact and cause the to wear quickly. In addition, particles from brush wear accumulating between commutator segments may cause partial shorts.

Correct commutator surface if necessary with the fine emery cloth, and clean out the grooves as illustrated. accurately possible Determine the depth as as of the grooves between commutator segments. Replace the armature with new if the depth is less а one groove than the service limit.

