

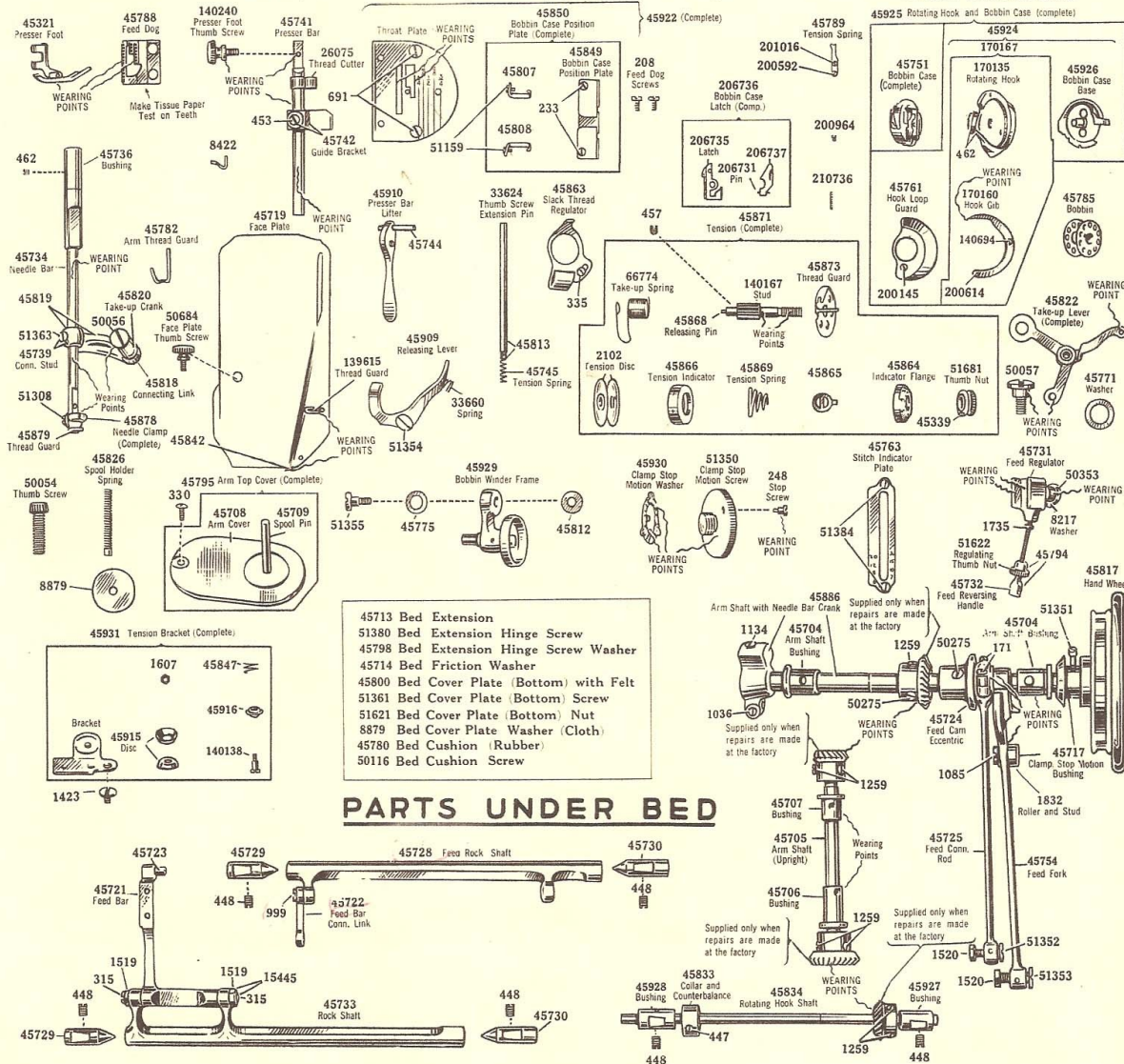
SINGER** 221-1 MACHINE PARTS. SHOWING POINTS OF WEAR

INSPECT PARTS

FOR WEAR IN THE
FOLLOWING ORDER:

1. Presser Foot
2. Feed Dog
3. Presser Foot Thumb Screw
4. Presser Bar
5. Throat Plate Screws
6. Throat Plate and Position Bracket Assembly
7. Feed Dog Screws
8. Bobbin Case Latch and Tension Spring
9. Bobbin Case Holder
10. Rotating Hook (Note condition of hook complete)
11. Needle Clamp and Grib
12. Needle Bar Thread Guide
13. Needle Bar
14. Needle Bar Connecting Link and Stud (Check condition by amount of circular play in the needle bar)
15. Face Plate and Thread Guide
16. Presser Bar Lifter
17. Tension Assembly
18. Thread Take-up Lever
19. Presser Bar Pressure Regulating Thumb Screw
20. Spool Holder Spring
21. Bobbin Winder
22. Hand Wheel Assembly
23. Arm Shaft
24. Stitch Regulator (including hinge screw and washer)
25. Bobbin Winder Tension Assembly
26. Bed Cover Plate, Washer and Nut
27. Crank Connecting Rod
28. Feed Fork Connection
29. Rotating Hook Shaft
30. Feed Bar and Feed Bar Connecting Link
31. Lamp and SINGER** LIGHT Socket
32. Light Switch
33. Three-Pin Terminal Connections
34. Controller with Lead Cords
35. Motor Belt
36. Motor Pulley
37. Motor Brush Caps
38. Motor Brushes and Springs

ELECTRICAL SYSTEM



Courtesy of April 1930's Sewing Shoppe
www.April1930s.com

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SINGER**SERIES 3-32V, 3-110V, 3-120V AND 3-125V FOR 221 MACHINE

SHOWING POINTS OF WEAR

PROCEDURE FOR INSPECTING MOTOR

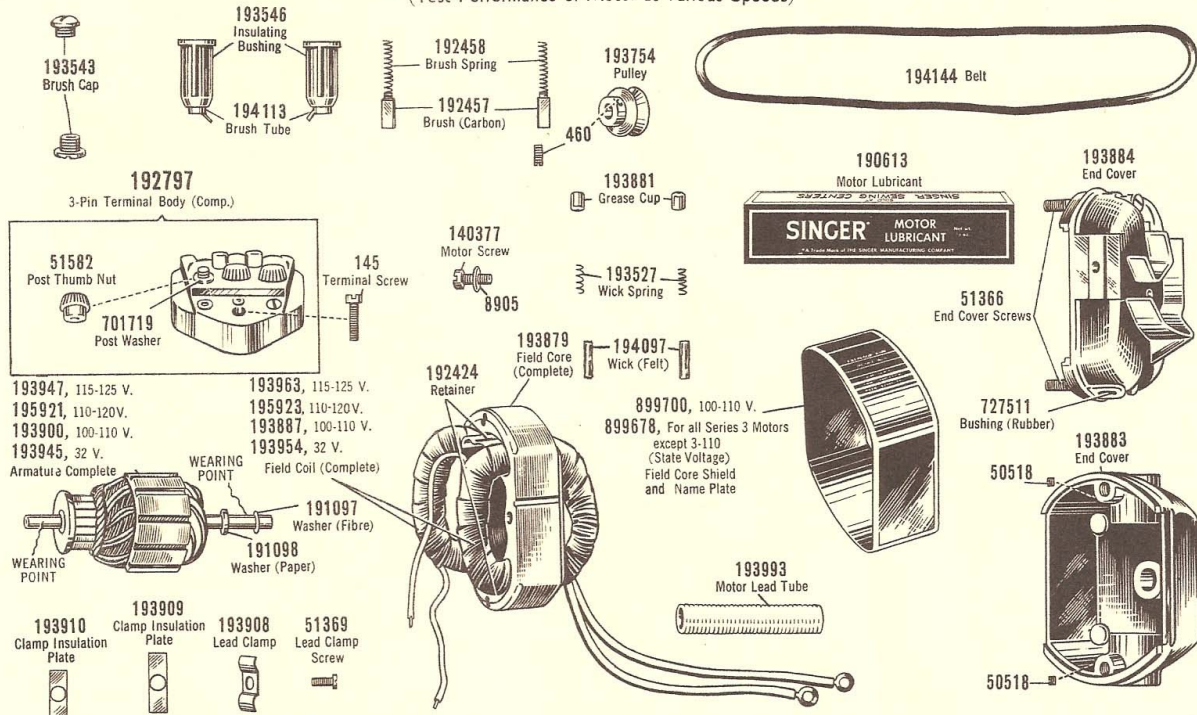
IN THE HOME

1. Brush Caps
2. Brush Spring
3. Carbon Brushes
4. Motor Belt
5. Motor Pulley and Screw
6. Motor Leads
7. All Terminal Fittings

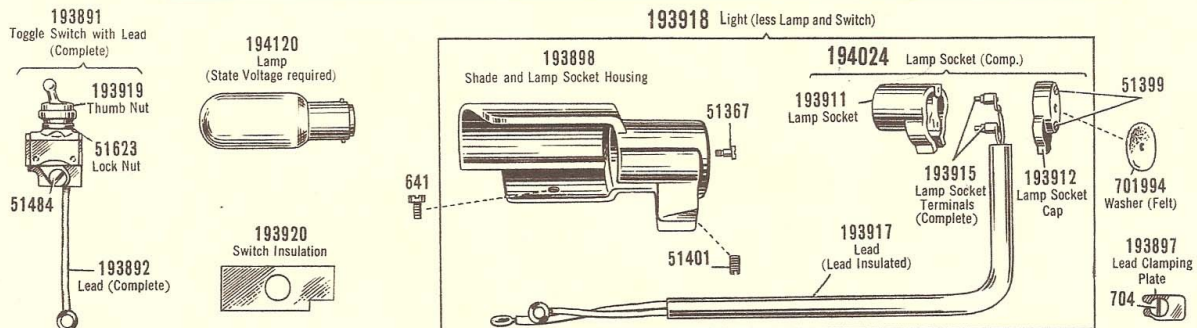
AT THE REPAIR BENCH

1. Brush Caps and Brush Tubes
2. Carbon Brushes
3. Brush Springs
4. Pulley and Screw
5. Belt
6. Three-Pin Terminal
7. Grease Cups
8. End Cover (pulley end) (see bearing and wick)
9. Armature Windings, Commutator and Bearings
10. Armature Thrust Washers
11. Motor Shield
12. Field Coils
13. Brush Tubes (brass) and connections
14. Brush Tube Insulation
15. End Cover (commutator end) (see bearing and wick)

(Test Performance of Motor at Various Speeds)



SINGER** LIGHT FOR 221 MACHINE



FORM 20042
Revised (1055)

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MOTOR AND
LIGHT FOR 221