

EQUIPMENT TEST LIST
RINGING SETS
POWER SYSTEMS EQUIPMENT

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1. GENERAL

1.01 This section provides an index and information access system to locate the standard tests applicable to equipment listed in the preceding table of contents. Test classification and frequency of periodic routine are also provided.

1.02 This Equipment Test List (ETL) is reissued to incorporate changes which are indicated by an arrow to the left of each line which has been changed.

1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.

1.04 Routine test information is arranged in the following order from left to right: Section number, issue/addendum, test letter or paragraph number, test title, test class, frequency, and the last space is for a locally assigned job number.

1.05 Section 010-300-011 provides Equipment Test List instructions.

NOTICE
Not for use or disclosure outside the
Bell System except under written agreement

20.0 RINGING SETS

◆ 20.1 RINGING SETS; KS5032, KS5492 & KS5504

FOR ALL UNITS

163-700-701 (3/0)	2.02	CHECK FREEDOM OF ROTATING PARTS	MW 12M	-----
	2.03	CHECK ARMATURE AND ROTOR END PLAY	MW 12M	-----
	2.05	CHECK FOR EXCESSIVE NOISE AND VIBRATION	MW 3M	-----
	2.08	CLEAN AND INSPECT COMMUTATOR AND COLLECTOR RING SURFACES	MW 3M	-----
	2.10	CHECK BRUSH FIT	MW 12M	-----
	2.11	CHECK BRUSH PRESSURE	MW 12M	-----
	2.12	CHECK BRUSH LENGTH	MW 12M	-----

OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY

OIL RING BEARINGS

◆ 163-700-701 (3/0)	2.01	(A - G) LUBRICATE OIL-RING BEARINGS	MW M	-----
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WOOL-PACKED BEARINGS

◆ 163-700-701 (3/0)	2.01	(H - I) LUBRICATE WOOL-PACKED BEARINGS	MW 3M	-----
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BALL BEARINGS

◆ 163-700-701 (3/0)	2.01	(J - L) RELUBRICATE BALL BEARINGS	MW 12M	-----
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TROUBLE TESTS

163-700-701 (3/0)	2.04	AUTOMATIC CENTRIFUGAL SWITCH OPRN	TT	-----
	2.06	MACHINE SPEED	TT	-----
	2.07	OUTPUT VOLTAGE	TT	-----
	2.09	BRUSH HLDR ALIGNMENT	TT	-----
	2.13	WINDINGS, FRAME & BEARING TEMPERATURE	TT	-----

20.2 RINGING SETS; KS-5493

FOR ALL UNITS

163-703-701 (2/0)	2.03	CHECK FREEDOM OF ROTATING PARTS	MW 12M	-----
	2.04	CHECK FOR EXCESSIVE NOISE AND VIBRATION	MW 6M	-----

OPTIONAL FEATURES

WASTE PACKED BEARINGS

163-703-701 (2/0)	2.01	(B) INSPECT AND LUBRICATE WASTE PACKED BEARINGS	MW 6M	-----
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TROUBLE TESTS

163-703-701 (2/0)	2.01	(A) LUBRICATE WASTE PACKED BEARINGS	TT	-----
	2.02	INSPECT BEARINGS FOR WEAR	TT	-----
	2.05	MACHINE SPEED	TT	-----
	2.06	AUTOMATIC CENTRIFUGAL SWITCH OPRN	TT	-----
	2.07	OUTPUT VOLTAGE	TT	-----
	2.08	WINDINGS, FRAME & BEARING TEMPERATURE	TT	-----

20.3 RINGING SETS; KS-5133 & KS-5133-01

FOR ALL UNITS

163-701-701 (5/0)	2.01	(K) LUBRICATE WORM & WHEEL	MW M	-----
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163-701-701 (5/0)	2.04	CHECK FREEDOM OF ROTATING PARTS	MW 12M	-----
	2.08	CHECK FOR EXCESSIVE NOISE AND VIBRATION	MW 3M	-----
	2.10	CHECK COMMUTATION	MW 12M	-----
	2.13	CHECK BRUSH LENGTH	MW 3M	-----
	2.14	CHECK BRUSH FIT	MW 3M	-----
OPTIONAL FEATURES, SELECT NO MORE THAN ONE CATEGORY				
OIL RING BEARINGS				
163-701-701 (5/0)	2.01	(A - F) LUBRICATE OIL RING BEARINGS	MW 3M	-----
WOOL-PACKED BEARINGS				
163-701-701 (5/0)	2.01	(G & H) LUBRICATE WOOL-PACKED BEARINGS	MW 3M	-----
INSD CAM-TYPE LOW-SPEED INTERRUPTER				
163-701-701 (5/0)	2.01	(I) LUBRICATE SHAFT BEARINGS	MW 2W	-----
METAL CAM-TYPE LOW-SPEED INTERRUPTER				
163-701-701 (5/0)	2.01	(J) LUBRICATE SHAFT BEARINGS	MW 60M	-----
METAL-TYPE SPG OPRG ROLLER				
163-701-701 (5/0)	2.01	(L) LUBRICATE METAL-TYPE SPG OPRG ROLLER	MW 2W	-----
TROUBLE TESTS				
163-701-701 (5/0)	2.02	SPEED	TT	-----
	2.03	AC MOTOR STG SWITCH OPRN	TT	-----
	2.05	WORM WHEEL & WORM	TT	-----
	2.06	ARMTR END PLAY	TT	-----
	2.07	BEARING LINING	TT	-----
	2.09	COMMUTATING SURFACES	TT	-----
	2.11	AC BRUSH HLD R ADJMT	TT	-----
	2.12	BRUSH-HLDR YOKES ADJMT	TT	-----
	2.15	BRUSH PRESSURE	TT	-----
	2.16	SPEED REGULATOR CONTACTS	TT	-----
	2.17	LOW-SPEED INTERRUPTER	TT	-----
	2.18	TEMPERATURE	TT	-----