

NON-CODED GAUGES  
GENERAL INFORMATION

1. GENERAL

1.01 This section covers general information regarding the structure and application of the sections in Subdivision A709 of the Bell System Practices covering non-coded gauges for use in central office maintenance and in a few cases, in the installation of PBX's.

1.02 This section is reissued to revise the information covering the gauge indices and the scope of the gauge sections, and to add information covering the listing of replaced meters and the use of equivalent meters.

1.03 The term Non-coded Gauges includes all items which are used as gauges but which are not coded and classified as gauges in the card catalog of coded apparatus. These include:

- (a) Items used as gauges, but coded under other classifications.
- (b) Gauges supplied in accordance with a "KS" or other specification.
- (c) Installers "R" gauges which are approved for central office maintenance.
- (d) Commercial gauges supplied to the Western Electric Co. by an independent manufacturer.

1.04 An alphabetical index of the active tools and gauges covered in Subdivisions A706, A707, A708 and A709 is contained in Sections A706.004 (tools) and A708.004 (gauges). Section A128.007 will serve as a checking list for Division A700.

1.05 In this subdivision (A709), the section numbers ending with ".001" to ".899" inclusive are used or are reserved for the non-coded gauge sections which are for general use. The section numbers ending with ".900" to ".999" inclusive are reserved for use by the Bell Operating Companies for covering, if necessary, other special or non-standard gauges which have a limited application.

2. INDEX AND SYSTEMS APPLICATION SECTION  
A709.002

2.01 Section A709.002 lists the non-coded gauges used in central office maintenance in alphabetical order, the

descriptive section of this subdivision in which the item is covered and the system or systems in which the gauge finds application. In case the gauge has been replaced, its name and the section number in which it is covered are given, but the "Systems Application" columns are left blank.

2.02 Due to the various types of central office equipment in service, more gauges are listed for each system in the "Systems Application" columns than may be required for any particular office.

3. DESCRIPTIVE SECTIONS

3.01 The descriptive sections are those sections in this subdivision whose section numbers end with ".011" and up. The gauges are arranged in alphabetical order; but several section numbers are, in general, left unassigned between sections. These sections cover the following information for each of the gauges:

- (a) Ordering information.
- (b) A description or illustration or both of the item.
- (c) Piece part information.
- (d) Gauges replaced by the item.
- (e) Information concerning maintenance of the gauge.
- (f) Kinds of apparatus on which the gauge is used.
- (g) In some cases, specification or A.T.&T.Co. drawing numbers are listed following the uses of the gauges.
- (h) Whenever a gauge has been replaced by a later gauge, only its rating and reference to the present standard gauge appears, except in cases, such as those concerning replaced meters, where it is considered useful to retain some engineering information. Whenever a gauge is no longer used and it has not been replaced by another gauge, no reference to it is listed.

3.02 The individual descriptive sections will be reissued as necessary. Occasionally it may be found advantageous to combine two or more sections into one

and in this case the lowest section number will be used for the combined section.

3.03 Piece part data is given for those parts of gauges where the parts are readily replaceable in the field. No attempt should be made to replace parts not listed or designated except in the case of parts such as screws and nuts.

3.04 In case a gauge is required for five or more kinds of apparatus, it is listed as "For General Use."

3.05 The fact that a gauge is listed in these sections for general or specific use should not be taken as superseding instructions in other sections of the "A" series except that where a gauge has been replaced, a replacing gauge may be substituted for the one called for in the instruction.

3.06 Meters of a manufacture other than those listed may be used provided the ranges are adequate and the meter is sufficiently accurate for the measurements to be made.

4. ORDERING NEW GAUGES OR PARTS

4.01 The listing of a gauge in these or other sections of the "A" series does not constitute authority for its purchase. When new gauges or parts are required, local routines regarding ordering should be followed and any necessary authority should be obtained through regular lines of organization.

4.02 Wording Orders for Non-Coded Gauges:

The ordering information for each non-coded gauge appears in capital letters directly above the description of the gauge. To prevent possible misinterpretation of orders, it is necessary to give only the information printed in capital letters. For example: "GAUGE NEST, THICKNESS, KS-6909." When ordering gauges supplied by an independent manufacturer or jobber, the name and address of the concern and their catalog or other number, if any, should be included as well as "OR EQUIVALENT" where this appears in the ordering information. For example: "SQUARE, COMBINATION, 12" WITHOUT CENTER HEAD, L. S. STARRETT COMPANY, ATHOL, MASS. NO. 33 (OR EQUIVALENT)." Do not refer to the B.S.P. number and do not refer to the specification or drawing numbers except where these numbers are included as part of the ordering information.

4.03 Wording Orders for Piece-Parts:

When ordering parts by "P" or "A" drawing detail number for replacement purposes, give both the number and name of the piece part. For example: "P-230097 KNOB; DISC PER DWG. A-165671, DET. 2." When ordering parts for any of the gauges, in case the part has no "P" number, give the name of the part as indicated in the figure in the section showing the gauge and the ordering information for the gauge. For example: "50 GRAM WEIGHT FOR KS-6338 GRAM WEIGHTS." Do not refer to the B.S.P. number.

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