



United States Department of Agriculture
Rural Development

Rural Business-Cooperative Service • Rural Housing Service • Rural Utilities Service
Washington, DC 20250

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SUBJECT: Assembly Numbering of RUS Bulletin 1728F-803

TO: All RUS Electric Borrowers

FROM: BLAINE D. STOCKTON
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The purpose of this memorandum is to provide Rural Utilities Service (RUS) Electric borrowers relief with respect to the drawing numbering changes associated with RUS Bulletin 1728F-803, "Specifications and Drawings for 24.9/14.4 kV Line Construction." RUS borrowers are hereby allowed to use either the new RUS Bulletin 1728F-803 assembly number or the old REA Bulletin 50-5 assembly number for 140 drawings that we carried over from the old bulletin to the new bulletin. The only stipulation involved in using the old assembly number is that borrowers incorporate certain identified material changes in the new drawings. Details of the drawings and the material changes involved in this customer service offering are contained in Table A of the supplemental guide attached to this memorandum. This guide and the dual numbering provisions included on it for the 140 assembly drawings should ease the burden of changing files, records, computer programs and allow borrowers and their employees to more gradually learn the new construction assembly units, their numbering, and the updated RUS assembly numbering scheme.

We issued new RUS Bulletin 1728F-803 in December 1998, to replace the September 1969, version of REA Bulletin 50-5 of the same title. We provided several notices extending the effective date of Bulletin 1728F-803 with the current effective date being July 1, 2001. Bulletin 50-5 incorporated a total of 260 assemblies of which 140 were re-used and re-numbered in the new Bulletin 1728F-803.

With the provision provided here, borrowers will only need to make changes in their computer systems for approximately 20 assembly drawings that were brought forward to the new bulletin with changes too substantial to allow the dual numbering provision. The balance of drawings in the new bulletin include: (1) the 140 drawings cited in Table A where borrowers may use the old drawing number or the new number; (2) approximately 39 guide drawings which do not involve

materials and are not included in computer systems; and (3) approximately 23 new "post insulator" type drawings that were not in the previous bulletin. The new "post insulator" type construction provides a means for making wider angles in line construction but borrowers may not need or may elect not to utilize this type of construction and would, thus, not have to input these drawings into computer systems.

This supplemental guide is effective on or after the date of this memorandum.

Attachments

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TABLE A**Allowed Dual Numbered Construction Assemblies
and Guide Drawings for RUS Bulletin 1728F-803**

OLD ASSEMBLY	NEW ASSEMBLY	MATERIAL CHANGES (Required for New RUS Specifications)
VA1	VA1.1	No change
VA1A	VA1.2	No change
VA2	VA2.1	No change
VA3	VA3.1	Replace 2 washers abutting pole – <i>See Note 1</i>
VA4	VA4.1	Replace 4 washers abutting pole – <i>See Note 1</i>
VA5	VA5.1	Replace 2 washers abutting pole – <i>See Note 1</i>
VA5-2	VA5.2	Replace 2 washers abutting pole – <i>See Note 1</i>
VA5-3	VA5.3	No change
VA7	VA5.21	No change
VA7-1	VA5.31	No change
VA8	VA6.21	No change
VA9	VA2.21	Add 2 washers under crossarm pins – <i>See Note 2</i>
VA9-1	VA1.11	Add 1 washer under crossarm pin – <i>See Note 2</i>
VB1	VB1.11	No change
VB1A	VB1.12	No change
VB2	VB2.21	No change
VB3	VB3.1	Replace 2 washers abutting pole – <i>See Note 1</i>
VB4-1	VB4.1	Replace 6 washers abutting pole – <i>See Note 1</i>
VB5-1	VB5.1	Replace 3 washers abutting pole – <i>See Note 1</i>
VB7	VB5.21	No change
VB7-1	VB5.31	No change
VB8	VB6.21	No change
VB9	VB2.22	Add 2 washers under crossarm pins – <i>See Note 2</i>
VB9-1	VB1.14	Add 1 washer under crossarm pin – <i>See Note 2</i>
VB9-2	VB2.51	Add 2 washers under crossarm pins – <i>See Note 2</i>
VB9-3	VB1.41	Add 1 washer under crossarm pin – <i>See Note 2</i>
VC1	VC1.11	No change
VC1-2	VC1.11L	No change
VC1-3	VC2.21L	No change
VC1-4	VC1.13L	No change
VC1B	VC1.12	No change
VC2	VC2.21	No change
VC2-1	VC2.52	No change
VC2-2	VC2.52L	No change
VC3	VC3.1	Replace 3 washers abutting pole – <i>See Note 1</i>
VC3-1	VC3.2L	Replace 8 washers abutting pole – <i>See Note 1</i>
VC4-1	VC4.1	Replace 8 washers abutting pole – <i>See Note 1</i>
VC4-IL	VC4.2L	Replace 8 washers abutting pole – <i>See Note 1</i>

TABLE A

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OLD ASSEMBLY	NEW ASSEMBLY	MATERIAL CHANGES (Required for New RUS Specifications)
VC5-1	VC5.1	Replace 4 washers abutting pole – <i>See Note 1</i>
VC5-1L	VC5.2L	Replace 4 washers abutting pole – <i>See Note 1</i>
VC7	VC5.21	No change
VC7-1	VC5.31	No change
VC8	VC6.21	No change
VC9	VC2.51	Add 2 washers under crossarm pins – <i>See Note 2</i> Add anti-split bolt assembly
VC9-1	VC1.41	Add 1 washer under crossarm pin – <i>See Note 2</i>
VC9-2	VC2.51L	Replace 2 neutral crossarm pins with clamp type pins
VC9-3	VC1.41L	Replace 1 neutral crossarm pin with clamp type pin
VDC-C1	VD1.81	No change
VDC-C1L	VD1.83L	No change
VDC-C2-1	VD2.91	No change
VDC-C2-1L	VD2.91L	No change
E3-2	E3.1	Add guy marker
F1-1	F1.6	No change
F1-1P	F3.6	No change
F1-1S	F2.6	No change
F1-2	F1.8	No change
F1-2P	F3.8	No change
F1-2S	F2.8	No change
F1-3	F1.10	No change
F1-3P	F3.10	No change
F1-3S	F2.10	No change
F1-4	F1.12	No change
F1-4P	F3.12	No change
F1-4S	F2.12	No change
F4-1E	F4.1	No change
F4-1S	F4.2	No change
F5-1	F5.1	No change
F5-2	F5.2	No change
F5-3	F5.3	No change
F6-1	F6.1	No change
F6-2	F6.2	No change
F6-3	F6.3	No change
VG10	VG1.8	No change
VG105	VG1.2	No change
VG106	VG1.3	No change

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OLD ASSEMBLY	NEW ASSEMBLY	MATERIAL CHANGES (Required for New RUS Specifications)
VG136	VG1.2	No change
VG19	VG1.7	No change
VG210	VG2.1	No change
VG310	VG3.1	No change
VG311	VG3.2	No change
VG312	VG3.3	No change
VG39	VG1.7	No change
J10	J2.1	No change
J11F6-3	J3.1	No change
J12	J4.1	No change
J5	J1.2	No change
J6	J2.2	No change
J7	J3.1	No change
J7C	J2.2	No change
J8	J1.1	No change
K10	K1.1	No change
K10C	K2.2	No change
K10C	K2.3	No change
K10L	K2.1	No change
K11	K1.3	No change
K11C	K1.4	No change
K11L	K1.3	No change
K14	K1.4	No change
K14C	K1.2	No change
K14L	K1.1	No change
K15C	J2.1	No change
K16C	K3.2	No change
K17	K3.1	No change
K17L	K3.1	No change
VM2-11	H1.1	No change
VM2-12	P2.1	No change
VM2-12A	P2.2	No change
M2-15	H4.1	No change
VM2-12A2	P2.3	No change
VM3-10A	VR1.1	No change
VM3-16	VS2.32	No change
VM3-19A	VR2.1	No change
VM3-1A	VS1.1	No change

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OLD ASSEMBLY	NEW ASSEMBLY	MATERIAL CHANGES (Required for New RUS Specifications)
VM3-2	VS2.21	No change
VM3-20A	VR3.1	No change
VM3-24A	VR2.2	No change
VM3-25A	VR3.2	No change
VM3-3	VS2.31	No change
VM5-2	VA1.01	No change
VM5-5	VA1.011	No change
VM5-6	VP1.01	No change
VM5-7	VA1.011P	No change
VM5-8	VA5.2	Replace 1 washer abutting pole – <i>See Note 1</i>
M5-10	VS1.02	No change
M5-13	W3.2	No change
M5-17	W3.1	No change
M5-18	VA1.10P	No change
M5-19	N1.2	No change
M5-9	VS1.01	No change
VM7-3	VY1.3	No change
M8	Q1.1	No change
M8-10	K4.3G	No change
M8-11	Q3.3	No change
M8-12	Q3.2	No change
M8-6	Q3.1	No change
M8-9	K4.4G	No change
M19	W2.1G	No change
M24	K4.1G	No change
M24-10	K4.2G	No change
R1	M1.30G	No change

NOTES TO TABLE A:

1. New Bulletin 1728F-803 specifies the use of a square, 3" (8 cm) curved washer (abutting the pole) for all primary and neutral dead-end assemblies instead of a square, 2 1/4" (6 cm) flat washer as specified in old Bulletin 50-5.
2. New Bulletin 1728F-803 specifies the use (addition) of a square, 2 1/4" (6 cm) flat washer beneath the shoulder of all 7.2 kV crossarm pins.