
 Rev: 08/01/20	CONDUCTORS AND HARDWARE CONDUCTOR HARDWARE	<b>1240</b> Sheet 1 of 1

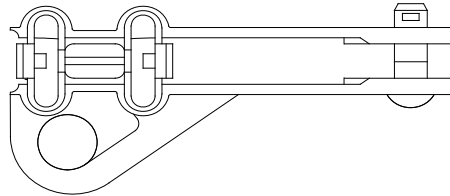
# 1240

## CONDUCTOR HARDWARE

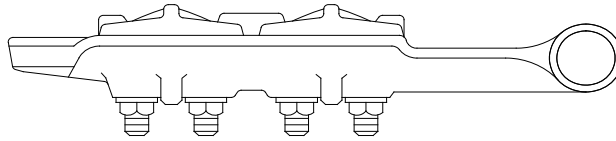
### CONTAINS

- 1240-01 DE CLAMP ACSR, AAC/SR, AAC**
- 1240-02 DE AUTO CU #6 AND CU 4/0 STRANDED**
- 1240-03 DE PREFORMED WEDGE/MID-SPAN**
- 1240-04 TIES PREFORMED SINGLE AND DOUBLE**
- 1240-05 TIES PREFORMED SIDE SINGLE/DOUBLE**
- 1240-06 ARMOR RODS**
- 1240-07 SPLICE PREFORMED**
- 1240-08 SPLICE AUTO-OH**
- 1240-09 SPLICE COMPRESSION AL/CU**
- 1240-15 SPLICE COLD AL/CU 15KV**
- 1240-30 DUCT PUTTY & FOAM INSULATING SEALANT**
- 1240-35 CABLE RACKS AND SUPPORTS**
- 1240-40 FIRE PROFING TAPE**

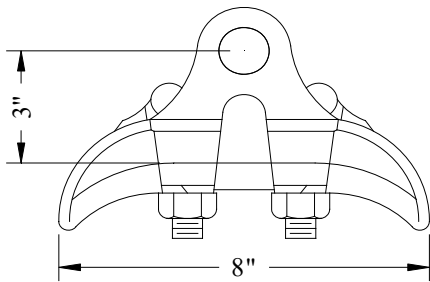
1240-01	CONDUCTORS AND HARDWARE	
Sheet 1 of 2	CONDUCTOR HARDWARE	
	DE CLAMP ACSR, AAC/SR, AAC	Rev:08/01/20



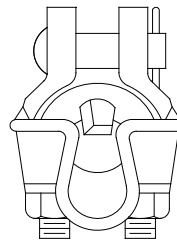
DEAD END CLAMP  
(2 BOLT/COTTER PIN)  
1240-01-01 1/0-4/0



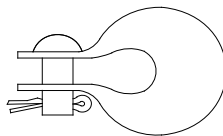
DEAD END CLAMP  
1240-01-05 336  
1240-01-07 795




SWING SHOE  
1240-01-20 1/0-4/0  
1240-01-21 795



NOTE:  
ALWAYS TIGHTEN NUTS  
ON THE U-BOLTS EVENLY  
TO AVOID DAMAGING THE  
CONDUCTOR.



CLEVIS THIMBLE  
1240-01-25

	<b>CONDUCTORS AND HARDWARE</b> <b>CONDUCTOR HARDWARE</b> <b>DE CLAMP ACSR, AAC/SR, AAC</b>	<b>1240-01</b>
	Rev: 08/01/20	Sheet 2 of 2

**CU**

<b>CU-ID</b>	<b>CU-REF</b>	<b>CU-DESCRIPTION</b>
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DECL1/0-4/0	12400101	DEAD END CLAMP 1/0-4/0
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ID	PART NUM	PART DESC	QTY	EA	CU-REF
1	0000006816	CLAMP DEAD END 1/0-4/0ACSR 2 BLT/CTTER PIN	1	EA	12400101

DECL336	12400105	DEAD END CLAMP 336
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ID	PART NUM	PART DESC	QTY	EA	CU-REF
1	0000022947	CLAMP DEAD END #4 TO 556.5 ACSR SINGLE U-BOLT	1	EA	12400105

DECL795	12400107	DEAD END CLAMP 795
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ID	PART NUM	PART DESC	QTY	EA	CU-REF
1	0000006813	CLAMP DEAD END BOLTED TY SIDE LOADING GALV 795 MCM	1	EA	12400107

SWINGSH1/0-4/0	12400120	SWING SHOE 1/0-4/0
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ID	PART NUM	PART DESC	QTY	EA	CU-REF
1	0000006844	CLAMP SUSPENSION 1/0 TO 4/0 (6/1) ACSR	1	EA	12400120

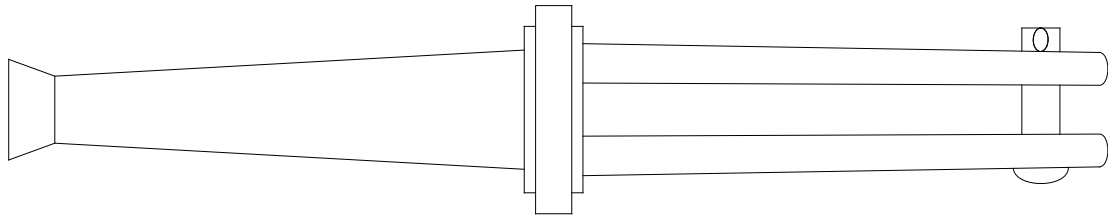
SWINGSH795	12400121	SWING SHOE 795
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ID	PART NUM	PART DESC	QTY	EA	CU-REF
1	0000006846	CLAMP SUSPENSION 795 MCM ACSR	1	EA	12400121


CLEVISTHIMBLE	12400125	CLEVIS THIMBLE
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ID	PART NUM	PART DESC	QTY	EA	CU-REF
1	0000006631	CLEVIS THIMBLE	1	EA	12400125

1240-02	<p style="text-align: center;">CONDUCTORS AND HARDWARE</p> <p style="text-align: center;">CONDUCTOR HARDWARE</p> <p style="text-align: center;"><b>DE AUTO CU #6 AND CU 4/0 STRANDED</b></p>	
Sheet 1 of 2		



1240-02-01 #6 CU SOLID  
 1240-02-02 #6A COPPERWELD  
 1240-02-20 4/0 CU STR

	<b>CONDUCTORS AND HARDWARE</b>	<b>1240-02</b>
	<b>CONDUCTOR HARDWARE</b>	Sheet 2 of 2
Rev: 08/01/20	<b>DE AUTO CU #6 AND CU 4/0 STRANDED</b>	

**CU**

<b>CU-ID</b>	<b>CU-REF</b>	<b>CU-DESCRIPTION</b>
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DEAUTO6CUSLD	12400201	DEADEND AUTO #6 CU SOLID
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000006820	DEADEND AUTO W/ GALV CLEVIS STRAP FOR SOLID #6 COP	1	EA	12400201

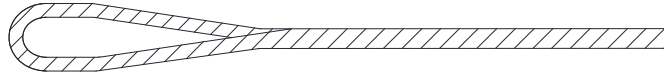
DEAUTO6ACW	12400202	DEADEND AUTO #6A COPPERWELD
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000006819	DEADEND AUTO W/ GALV CLEVIS STRAP FOR 6A COPPERWLD	1	EA	12400202

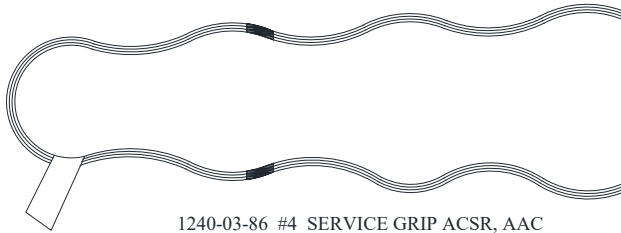
DEAUTO4/0CUSTR	12400220	DEADEND AUTO 4/0 CU STR
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000000312	DEADEND AUTOMATIC GALV CLEVIS 4/0 STR COP COND	1	EA	12400220

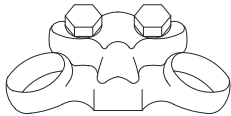
1240-03	<b>CONDUCTORS AND HARDWARE</b> <b>CONDUCTOR HARDWARE</b> <b>DE- PREFORMED/WEDGE/MID- SPAN</b>	
Sheet 1 of 4		Rev:08/01/20



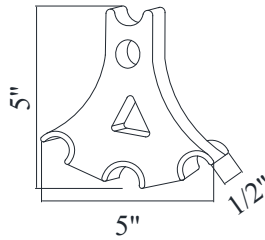
- 1240-03-01 #6A CW
- 1240-03-06 #2 CU STR
- 1240-03-10 #2A CW-1/0 CU STR
- 1240-03-11 1/0 ACSR
- 1240-03-20 2/0 CU STR
- 1240-03-40 4/0 AAC/ACSR
- 1240-03-41 4/0 CU STR
- 1240-03-50 336 ACSR



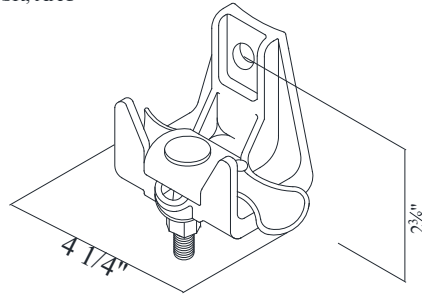
- 1240-03-86 #4 SERVICE GRIP ACSR, AAC
- 1240-03-87 1/0 SERVICE GRIP ACSR, AAC
- 1240-03-88 4/0 SERVICE GRIP ACSR, AAC



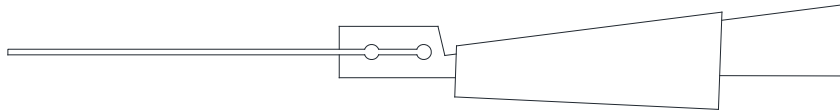
- 1240-03-60 RUN #2-4/0 TAP
- #6-1/0
- 1240-03-65 RUN #4-336 TAP N/A



1240-03-72



1240-03-76



- 1240-03-81 #4
- 1240-03-82 1/0
- 1240-03-83 4/0




1240-03-90 350-750  
MCM







	<b>CONDUCTORS AND HARDWARE</b> <b>CONDUCTOR HARDWARE</b> <b>DE- PREFORMED/WEDGE/MID- SPAN</b>	<b>1240-03</b>
		Sheet 4 of 4
Rev: 08/01/20		

<b>CU-ID</b>	<b>CU-REF</b>	<b>CU-DESCRIPTION</b>
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DEWEDGE4/0	12400383	DEADEND WEDGE 4/0
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ID	PART NUM	PART DESC	QTY		CU-REF
1	000006702	CLAMP WEDGE SERV 4/0 ACSR	1	EA	12400383

DESERGRIP#4ACSR	12400386	DEADEND SERVICE GRIP FOR #4 ACSR
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000019430	DEADEND SERVICE GRIP PREFORM FOR #4 ACSR CONDUCTOR	1	EA	12400386

DESERGRIP1/0ACSR	12400387	DEADEND SERVICE GRIP PREFORM FOR 1/0 ACS
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000019428	DEADEND SERVICE GRIP PREFORM FOR 1/0 ACSR CONDUCTOR	1	EA	12400387

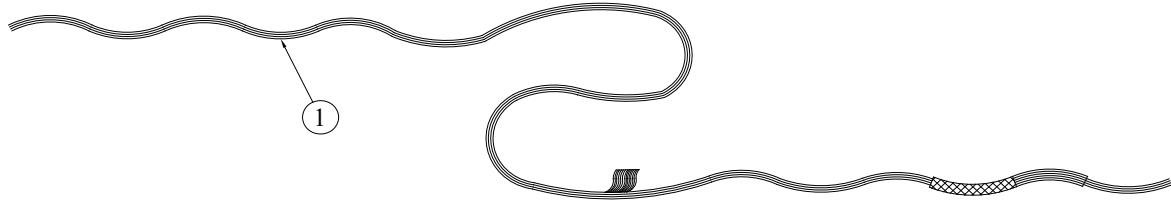
DESERGRIP4/0ACSR	12400388	DEADEND SERVICE GRIP PREFORM 4/0 ACSR
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000019429	DEADEND SERVICE GRIP PREFORM FOR 4/0 ACSR CONDUCTOR	1	EA	12400388

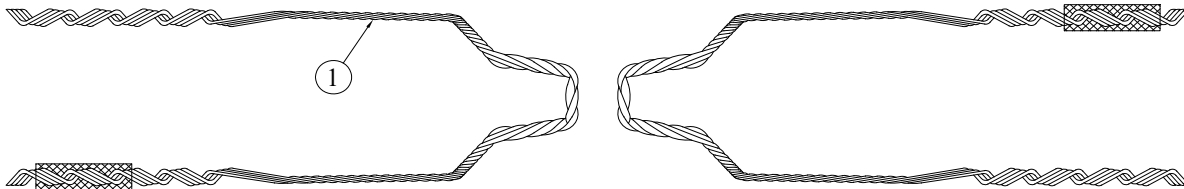
DEGP350/750	12400390	DEADEND GRIP FOR 350- 750 MCM
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000010446	GRIP CABLE HOOK END FOR 350 AND 750 MCM 1/C XPLE AL CBL	1	EA	12400390

1240-04	CONDUCTORS AND HARDWARE	
Sheet 1 of 2	CONDUCTOR HARDWARE	Rev:08/01/20
	<b>TIES PREFORMED SINGLE AND DOUBLE</b>	



SINGLE  
1240-04-03 1/0  
1240-04-06 4/0  
1240-04-08 336  
1240-04-10 795




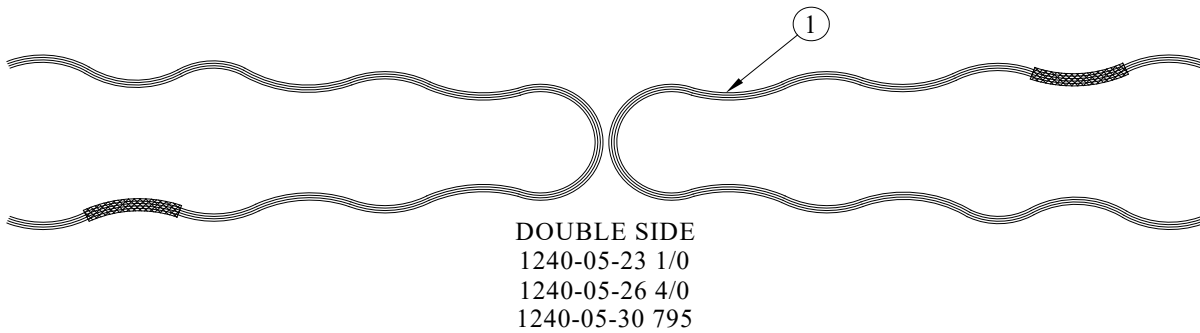
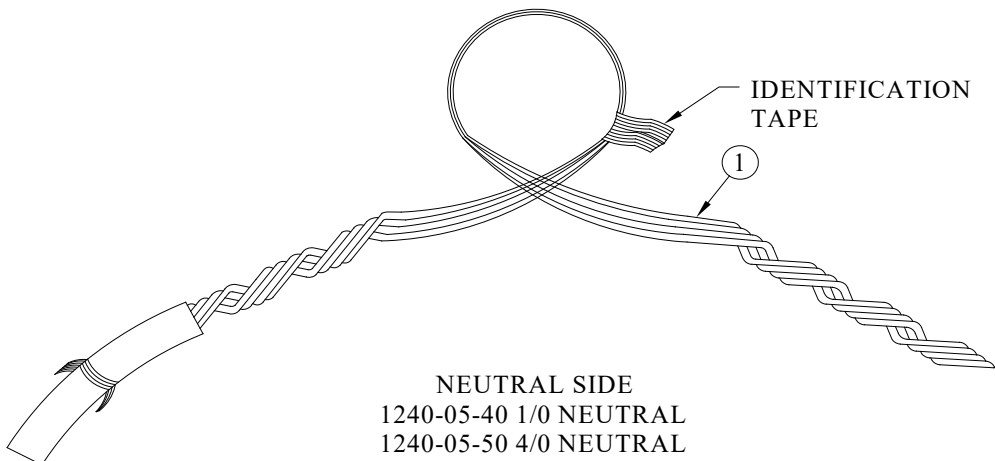
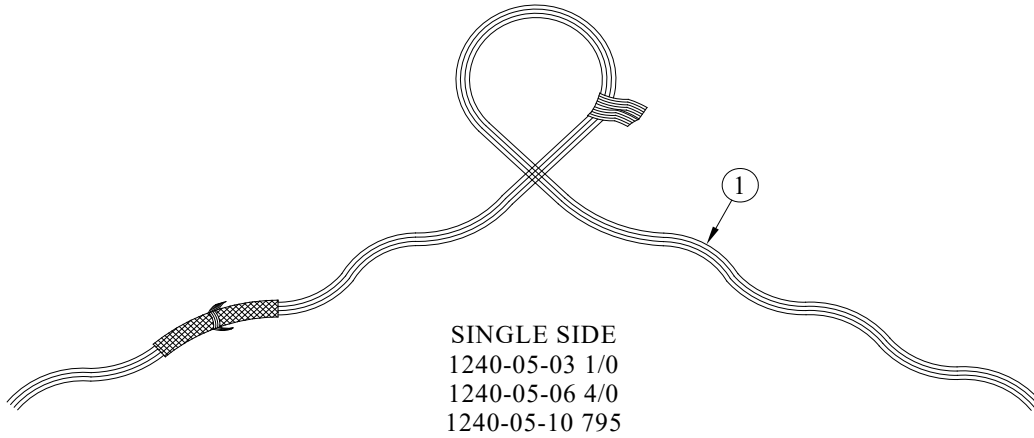
DOUBLE  
1240-04-23 1/0  
1240-04-26 4/0  
1240-04-28 336  
1240-04-30 795

**NOTES:**


1. READ THE IDENTIFICATION TAPE TO ENSURE PROPER SIZE TIE IS SELECTED FOR THE SPECIFIC CONDUCTOR.
2. THE RUBBER TIE PAD IS DESIGNED TO PROTECT THE CONDUCTOR FROM THE INSULATOR AS WELL AS THE TIE.

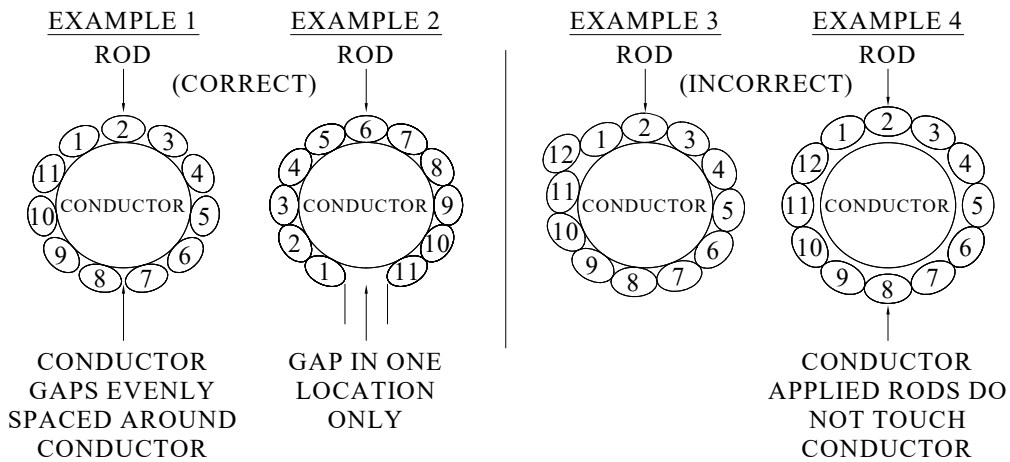
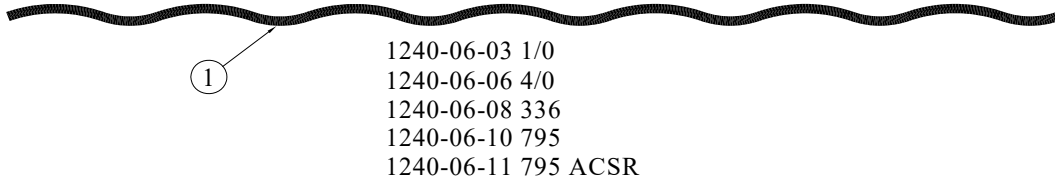


1240-05	CONDUCTORS AND HARDWARE	
Sheet 1 of 2	CONDUCTOR HARDWARE	Rev:08/01/20
	<b>TIES PREFORMED SIDE SINGLE/DOUBLE</b>	





1240-06	CONDUCTORS AND HARDWARE	
Sheet 1 of 2	CONDUCTOR HARDWARE	Rev:08/01/20
	<b>ARMOR RODS</b>	



AFTER APPLICATION OF CORRECT NUMBER OF RODS, A SLIGHT GAP BETWEEN THE RODS SHOULD BE PRESENT.

STUDY THE ABOVE EXAMPLE.

EXAMPLE 1:  
EXCELLENT APPLICATION.


EXAMPLE 2:  
SATISFACTORY, BUT MAY LEAD TO APPLYING AN EXTRA, UNNECESSARY ROD.

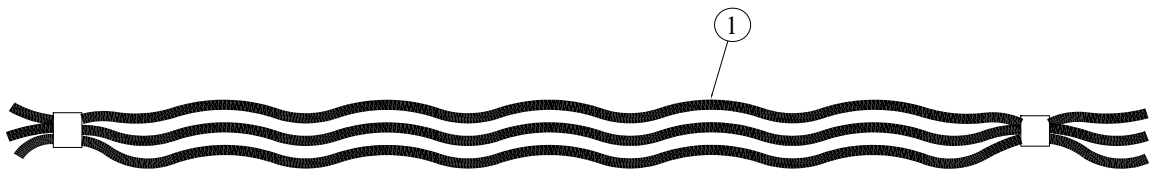
EXAMPLE 3:  
EXTRA ROD PRODUCES BRIDGING CONDITION LEADING TO POTENTIAL ROD ABRASION.

EXAMPLE 4:  
EXTRA ROD, EXPANDED TUBE CONDITION WHICH AFFORDS LITTLE PROTECTION, ALLOWS SEVERE ABRASION, AND OTHER CONDUCTOR DAMAGE.

GENERAL RULE FOR ADDING AN EXTRA ARMOR ROD: WHEN IN DOUBT, LEAVE IT OUT.




1240-07	CONDUCTORS AND HARDWARE	
Sheet 1 of 2		
	SPLICE PREFORMED	Rev:08/01/20



1240-07-01 #6A COPPERWELD  
1240-07-03 #2 CU STR  
1240-07-05 #2A CW-1/0 CU STR



 Rev: 08/01/20	<b>CONDUCTORS AND HARDWARE</b> <b>CONDUCTOR HARDWARE</b> <b>SPLICE PREFORMED</b>	<b>1240-07</b> Sheet 2 of 2

**CU**

<b>CU-ID</b>	<b>CU-REF</b>	<b>CU-DESCRIPTION</b>
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SPLPRF6ACW	12400701	SPLICE PREFM #6A COPPERWELD
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000005492	SPLICE PREFORMED # 6A COPPERWELD	1	EA	12400701

SPLPRF2CUSTR	12400703	SPLICE PREFM 2 CU STR
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000005490	SPLICE PREFORMED #2 - 7 STRD COP	1	EA	12400703

SPLPRF2ACW-1/0CUSTR	12400705	SPLICE PREFM #2A CW-1/0 CU STR
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000005491	SPLICE PREFORMED # 2A COPPERWELD	1	EA	12400705

1240-08	CONDUCTORS AND HARDWARE	
Sheet 1 of 2	CONDUCTOR HARDWARE	Rev:08/01/20
	<b>SPLICE AUTO - OH</b>	




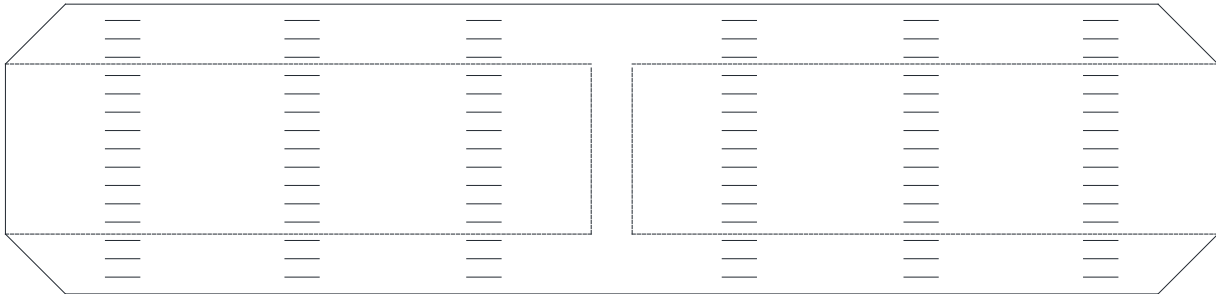
NOTES:

1. AUTOMATIC SPLICES ARE TO BE USED ONLY IN FULL TENSION SPANS.
2. SLACK OR REDUCED CONDUCTOR TENSION WILL NOT PROVIDE SUFFICIENT FORCE ON THE JAWS INSIDE THE SPLICE FOR PROPER CONTACT.
3. ALWAYS CLEAN THE CONDUCTOR BEFORE ATTEMPTING TO INSTALL THE SPLICE. EVEN NEW CONDUCTOR HAS ENOUGH OXIDATION TO CAUSE A SPLICE TO FAIL PREMATURELY.
4. SPLICES ARE EQUIPPED WITH A SMALL CUP AT EACH END TO HOLD ALL OF THE STRANDS TOGETHER AND GUIDE THE CONDUCTOR THROUGH THE SPLICE.
5. DO NOT ATTEMPT TO USE SPLICE WITHOUT THE FACTORY-INSTALLED GUIDES.

1240-08-01 #6 CU SOLID  
 1240-08-03 #6A CW  
 1240-08-12 1/0 CU STR  
 1240-08-13 1/0 ACSR  
 1240-08-15 2/0 CU STR  
 1240-08-20 4/0 AAC/ACSR  
 1240-08-21 4/0 CU STR  
 1240-08-30 336 ACSR  
 1240-08-40 795




1240-09	CONDUCTORS AND HARDWARE	
Sheet 1 of 4	CONDUCTOR HARDWARE	
	SPLICE COMPRESSION AL/CU	Rev:08/01/20



- 1240-09-01 #6 CU STR
- 1240-09-02 #6 CU SOLID
- 1240-09-05 #4 CU STR
- 1240-09-06 #4 CU SOLID
- 1240-09-07 #4 ACSR
- 1240-09-10 #2 CU STR
- 1240-09-11 #2 CU SOLID
- 1240-09-12 #2 CU STR
- 1240-09-15 1/0 CU STR
- 1240-09-16 1/0 ACSR
- 1240-09-20 2/0 CU STR
- 1240-09-25 3/0 AL
- 1240-09-30 4/0 CU STR
- 1240-09-31 4/0 ACSR
- 1240-09-32 4/0 ACSR W/CORE
- 1240-09-33 4/0 AAC
- 1240-09-40 250 CU STR
- 1240-09-45 336 ACSR
- 1240-09-50 350 CU STR
- 1240-09-51 350 AL
- 1240-09-55 400 CU STR
- 1240-09-60 500 CU STR
- 1240-09-80 795 MCM





	<b>CONDUCTORS AND HARDWARE</b> <b>CONDUCTOR HARDWARE</b> <b>SPLICE COMPRESSION AL/CU</b>	<b>1240-09</b>
	Rev: 08/01/20	

<b>CU-ID</b>	<b>CU-REF</b>	<b>CU-DESCRIPTION</b>
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SPLCOMP350AL	12400951	SPLICE COMP 350 AL
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000001290	SPLICE COMPRESSION 350MCM AL BRN PREFILLED INHIBITOR	1	EA	12400951

SPLCOMP400CUSTR	12400955	SPLICE COMP 400 CU STR
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000005557	SPLICE COMP SPLICE UG #400 MCM STRD	1	EA	12400955

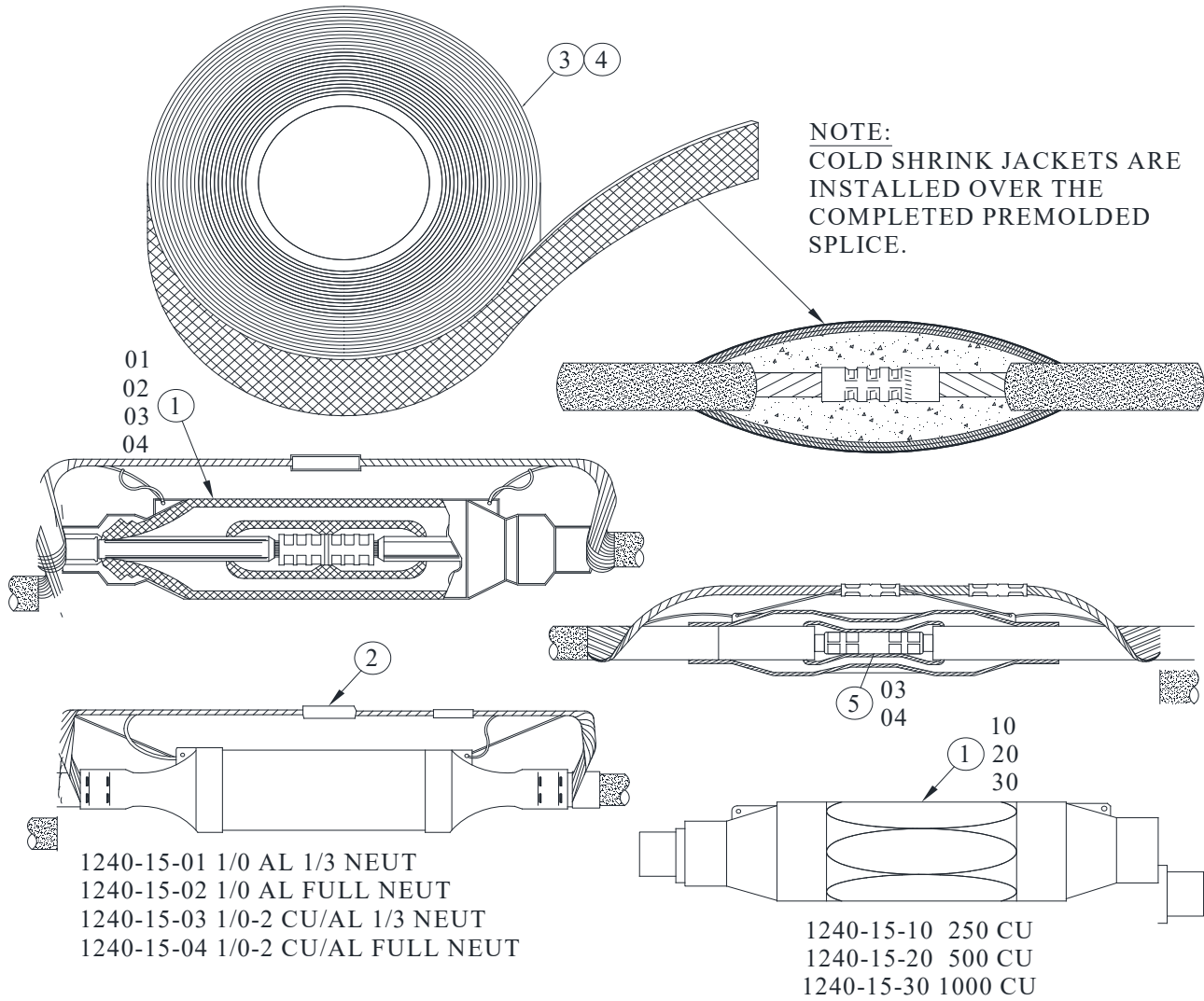
SPLCOMP500CUSTR	12400960	SPLICE COMP 500 CU STR
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000005558	SPLICE COMP SPLICE UG #500 MCM STRD	1	EA	12400960

SPLCOMP795MCM	12400980	SPLICE COMP 795 MCM
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ID	PART NUM	PART DESC	QTY		CU-REF
1	0000005494	SPLICE COMP W/INHIBITOR #795 MCM	1	EA	12400980

1240-15	CONDUCTORS AND HARDWARE	
Sheet 1 of 2	CONDUCTOR HARDWARE	Rev:08/01/20
	SPLICE COLD AL/CU 15KV	




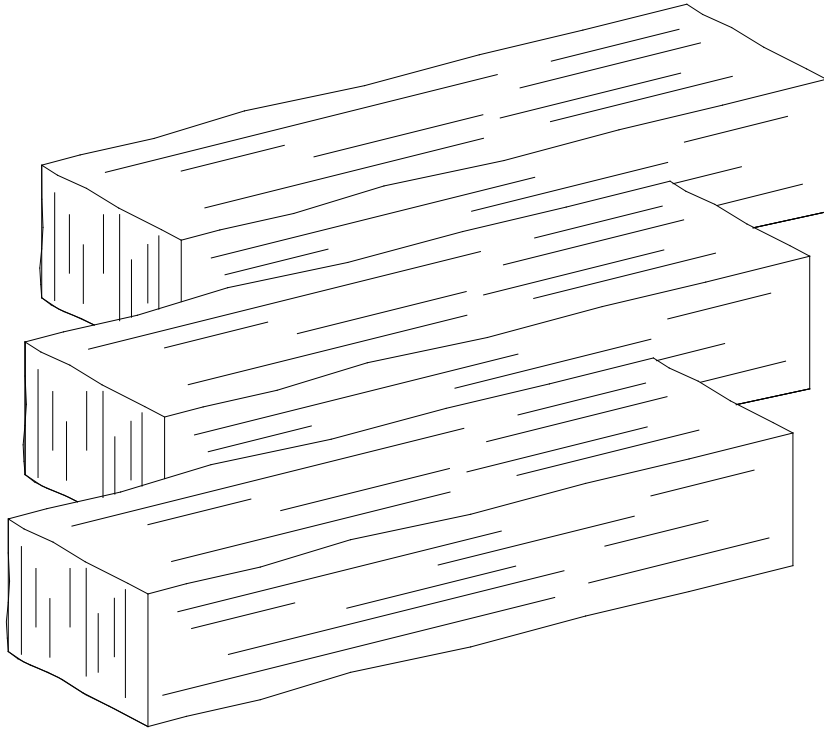
**NOTES:**

1. SEE MANUFACTURERS INSTRUCTIONS FOR GENERAL INSTALLATION INSTRUCTIONS OF PREMOLDED JOINTS WITH COLD SHRINK JACKETS.
2. USE PREMOLDED RUBBER JOINTS ON 1/0 AWG AL.
3. OBSERVE THE SPACE REQUIREMENTS OF PRIMARY JOINTS AS SHOWN IN APPROPRIATE HANDHOLE FOR EACH JOINT.
4. PRIOR TO INSTALLING ALUMINUM CONDUCTOR CONNECTORS, CLEAN THE CONDUCTOR WITH A WIRE BRUSH TO REMOVE OXIDES.
5. IMMEDIATELY APPLY A NON-GRIT INHIBITOR TO THE CONTACT SURFACE OF THE CONNECTOR.  
CONNECTORS GENERALLY COME WITH FACTORY APPLIED INHIBITOR.
6. WATERPROOF ALL SPLICES WITH 2 OVER-LAPPED LAYERS OF RUBBER TAPE AND 2 LAYERS OF VINYL TAPE.





1240-30	CONDUCTORS AND HARDWARE	
Sheet 1 of 2	CONDUCTOR HARDWARE	Rev:08/01/20
	<b>DUCT SEAL PUTTY AND FOAM INSULATING SEALANT</b>	



DUCT SEAL PUTTY  
1245-30-10




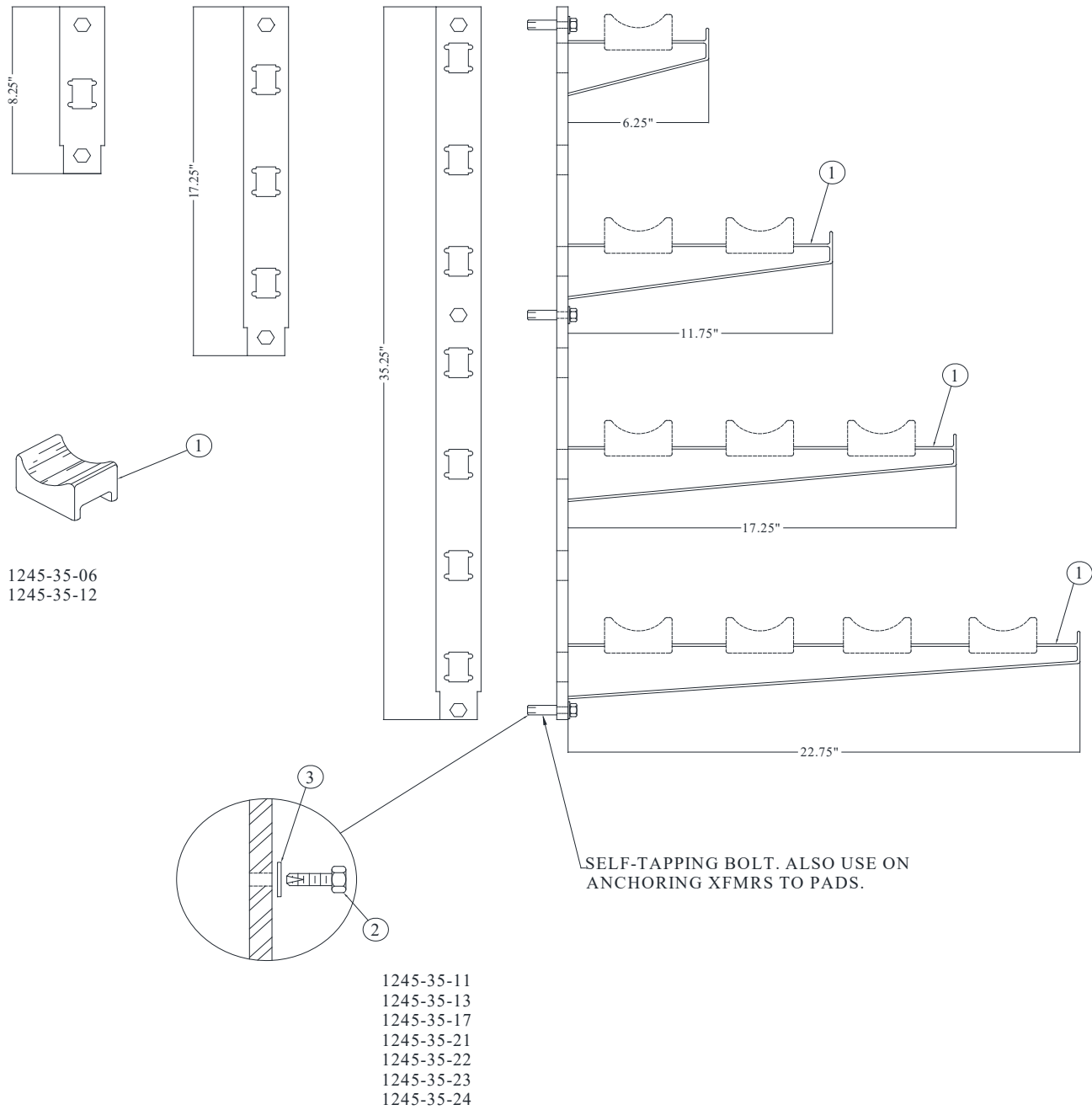
1245-30-20

NOTES:

1. USE DUCT SEAL PUTTY TO SEAL CONDUITS TO PROTECT FROM MOISTURE AND RODENTS.
2. USE FOAM-INSULATING SEALANT TO PREVENT WATER FLOW THROUGH A SERVICE CONDUIT WHERE THE SERVING TRANSFORMER OR HANDHOLE IS AT A HIGHER ELEVATION THAN THE SERVICE PANEL.



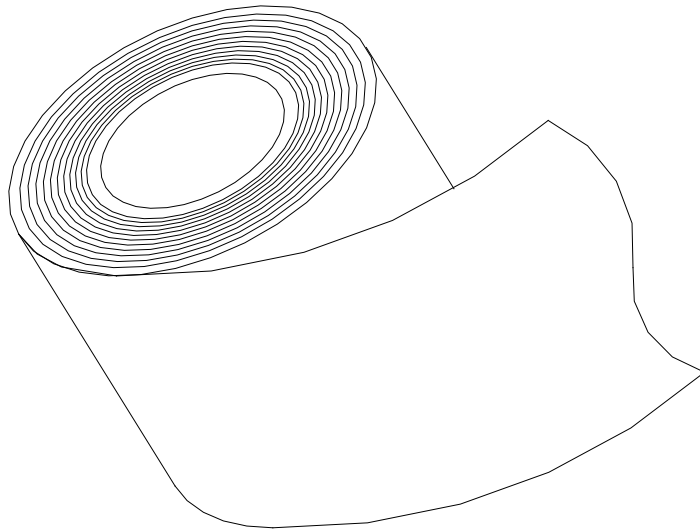
1240-35	<b>CONDUCTORS AND HARDWARE</b> <b>CONDUCTOR HARDWARE</b> <b>CABLE RACKS AND SUPPORTS</b>	
Sheet 1 of 3		Rev:08/01/20



- NOTES:
1. INSTALL INSULATORS ON CABLE RACKS AND SUPPORTS.
  2. INSTALL CABLE RACKS IN MANHOLES WITH MULTIPLE RUNS OF CABLE TO PROVIDE ADAQUATE WORKING SPACE.







1240-40-10

