

BOLTS

INTRODUCTION

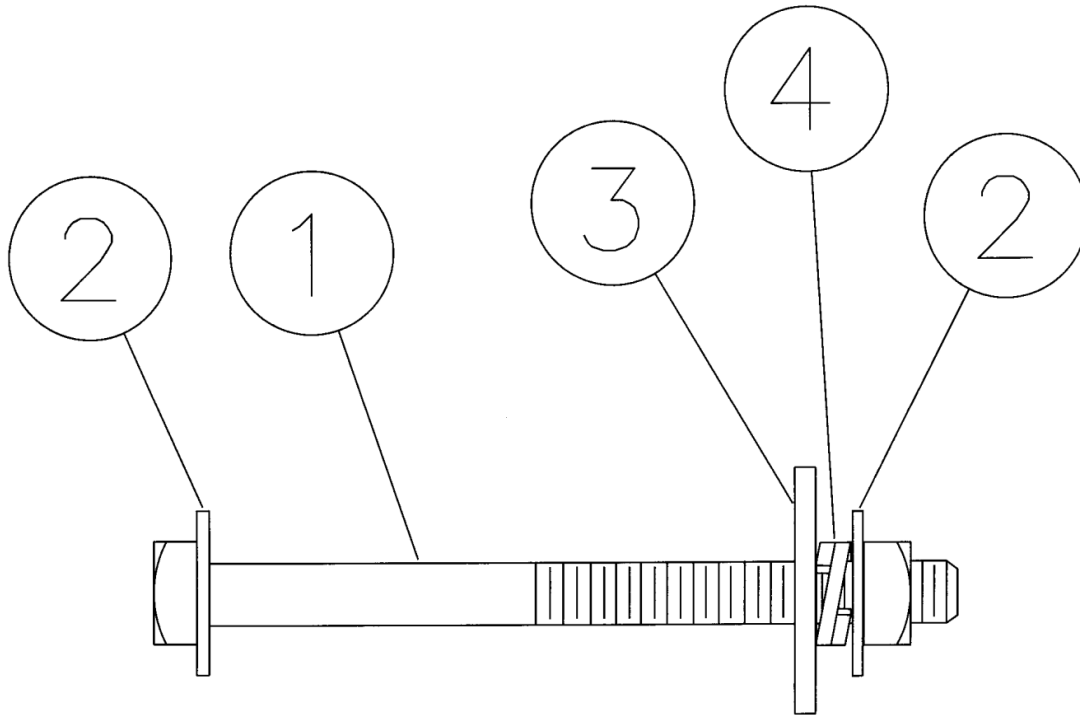
1. Bolts, nuts, and washers are part of the individual plates unless otherwise stated.
2. Below the OPTIONS for each construction standard sheet is the list of bolt plates that are available if present. Bolts are provided for normal construction on the appropriate wood pole for the construction standard "plate" that is selected. If a particular plate is to be installed on a larger pole than normal, a bolt plate must be used if available. The bolt plate will automatically itemize out the bolts normally issued and replace them with longer bolts depending on what category. Below are the three categories available:

Class 1 Wood or Type H Concrete:	Category A
Type LT or HT Concrete:	Category B
Type XHT Concrete:	Category C
3. For Example: If you were to install a DC1*636 on a HT concrete pole, you would need to plate a B1*B bolt plate for that station. This would give the appropriate length bolts for this plate to be installed on a Type HT concrete pole. Bolt plates will be used primarily on just three-phase construction.
4. The split bolt (SH30) will come with the pole plate.
5. The following tables list the location and bolt assemblies required for each construction standard. Some assemblies may not be listed if the bolts are issued as part of another construction standard.
6. The bolt assemblies shown in this section are primarily to be used for construction purposes to show the required nuts, washers and their orientation on the bolt used.
7. Some construction may slightly modify the bolt assemblies of this section. As a rule of thumb, if a washer is in direct contact with either wood or concrete, a square washer shall be used. If a washer is in direct contact with metal, a round washer shall be used.

BA-1**BOLT ASSEMBLY**

OPTIONS: NONE

BOLT PLATE: NONE

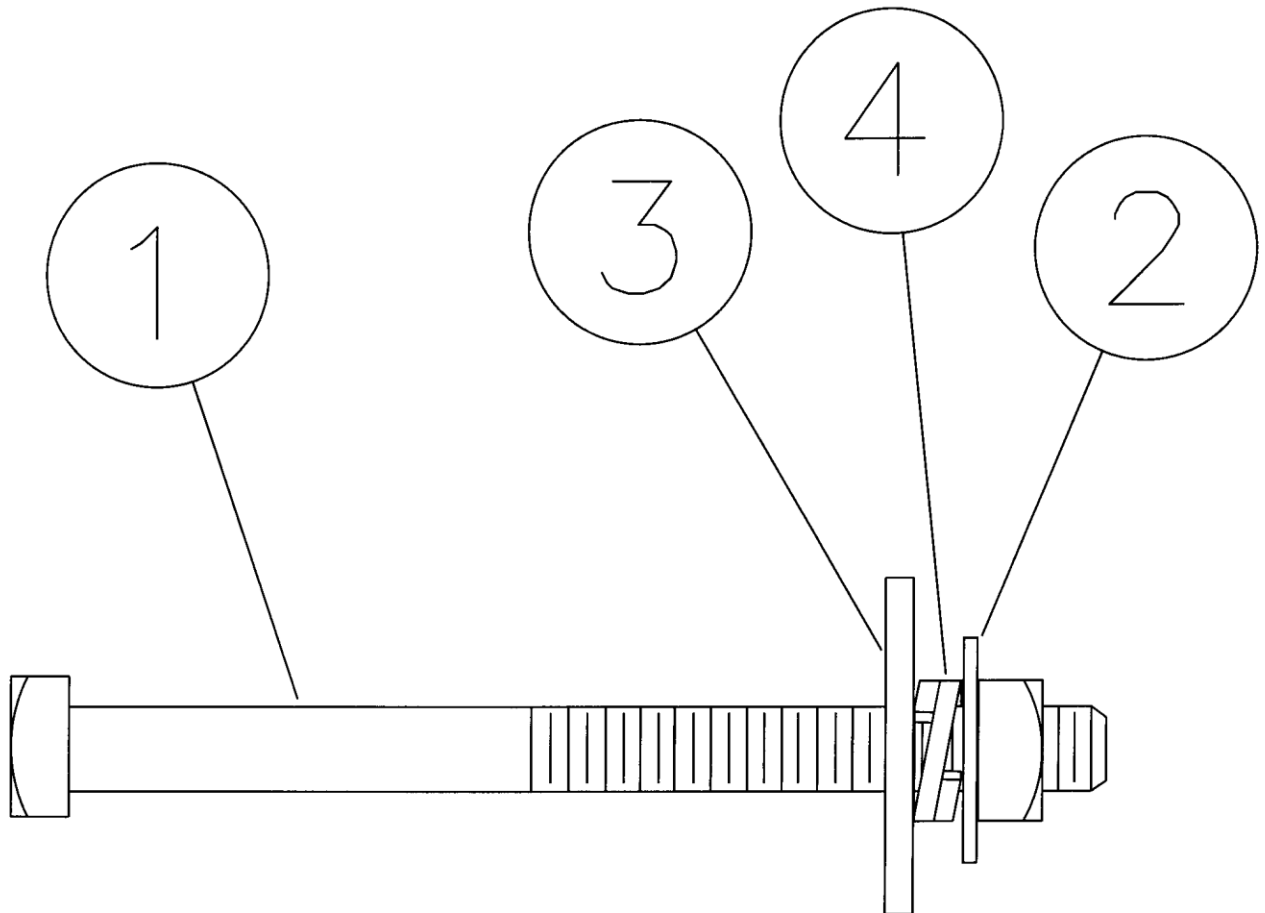


NO.	ITEM ID	QTY	DESCRIPTION
1	BOL MS ***	1	GENERAL CODE FOR 3/4 IN. DIA. MACHINE BOLT
2	WAS RD 005	2	WASHER, ROUND, 2 IN. DIA., FOR 3/4 IN. DIA. BOLT
3	WAS SF 003	1	WASHER, SQUARE, 3 IN., FOR 3/4 IN. DIA. BOLT
4	WAS SP 002	1	WASHER, SPRING, DOUBLE HELIX, FOR 3/4 IN. DIA. BOLT

BA-2**BOLT ASSEMBLY**

OPTIONS: NONE

BOLT PLATE: NONE

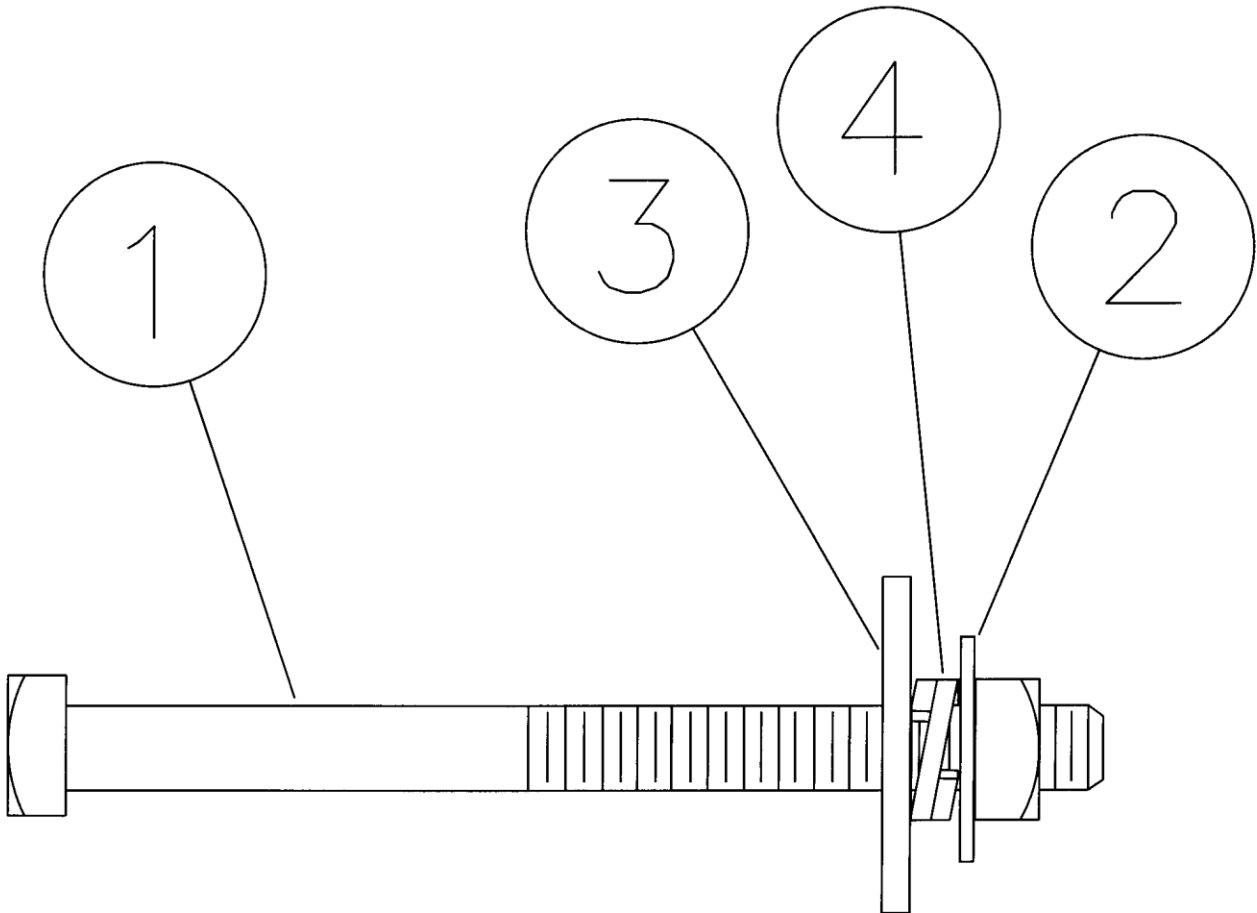


NO.	ITEM ID	QTY	DESCRIPTION
1	BOL MS ***	1	GENERAL CODE FOR 5/8 IN. DIA. MACHINE BOLT
2	WAS RD 005	1	WASHER, ROUND, 1-3/4 IN. DIA., FOR 3/4 IN. DIA. BOLT
3	WAS SF 003	1	WASHER, SQUARE, 3 IN., FOR 3/4 IN. DIA. BOLT
4	WAS SP 002	1	WASHER, SPRING, DOUBLE HELIX, FOR 3/4 IN. DIA. BOLT

BA-3**BOLT ASSEMBLY**

OPTIONS: NONE

BOLT PLATE: NONE

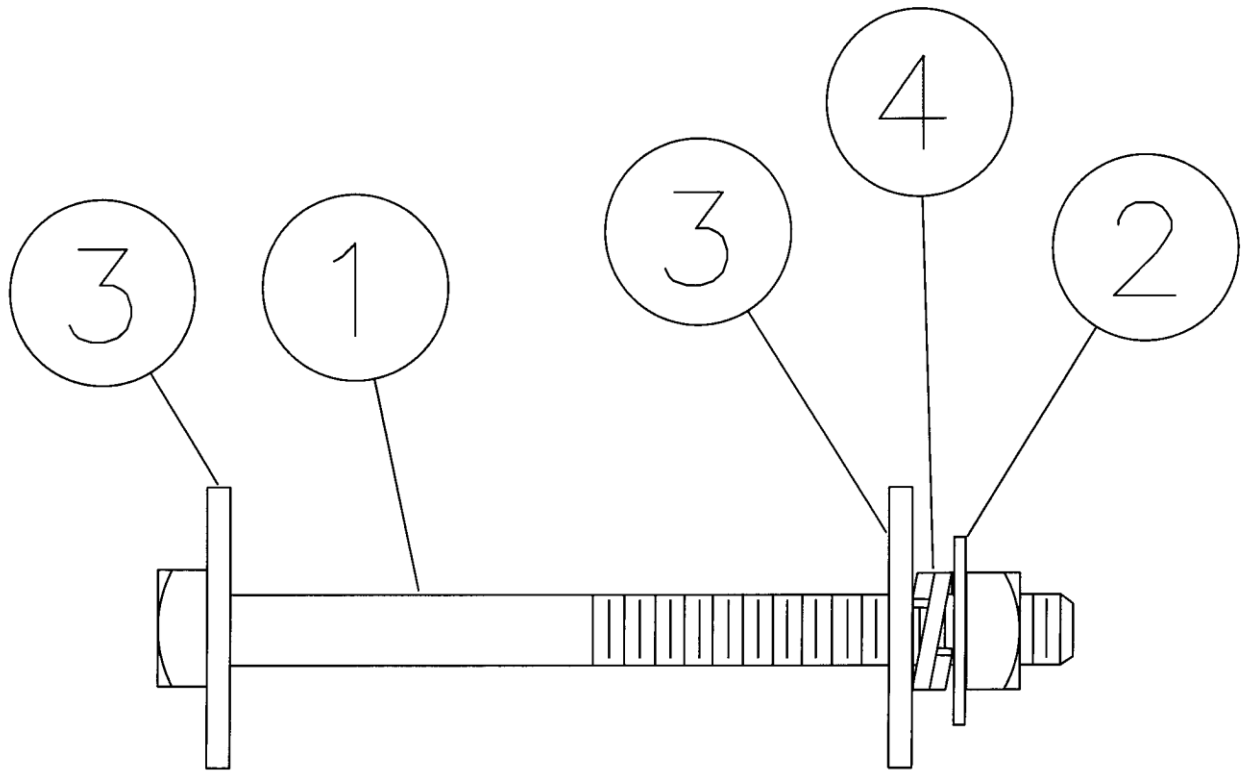


NO.	ITEM ID	QTY	DESCRIPTION
1	BOL MS ***	1	GENERAL CODE FOR 3/4 IN. DIA. MACHINE BOLT
2	WAS RD 005	1	WASHER, ROUND, 2 IN. DIA., FOR 3/4 IN. DIA. BOLT
3	WAS SF 003	1	WASHER, SQUARE, 3 IN., FOR 3/4 IN. DIA. BOLT
4	WAS SP 002	1	WASHER, SPRING, DOUBLE HELIX, FOR 3/4 IN. DIA. BOLT

BA-4**BOLT ASSEMBLY**

OPTIONS: NONE

BOLT PLATE: NONE

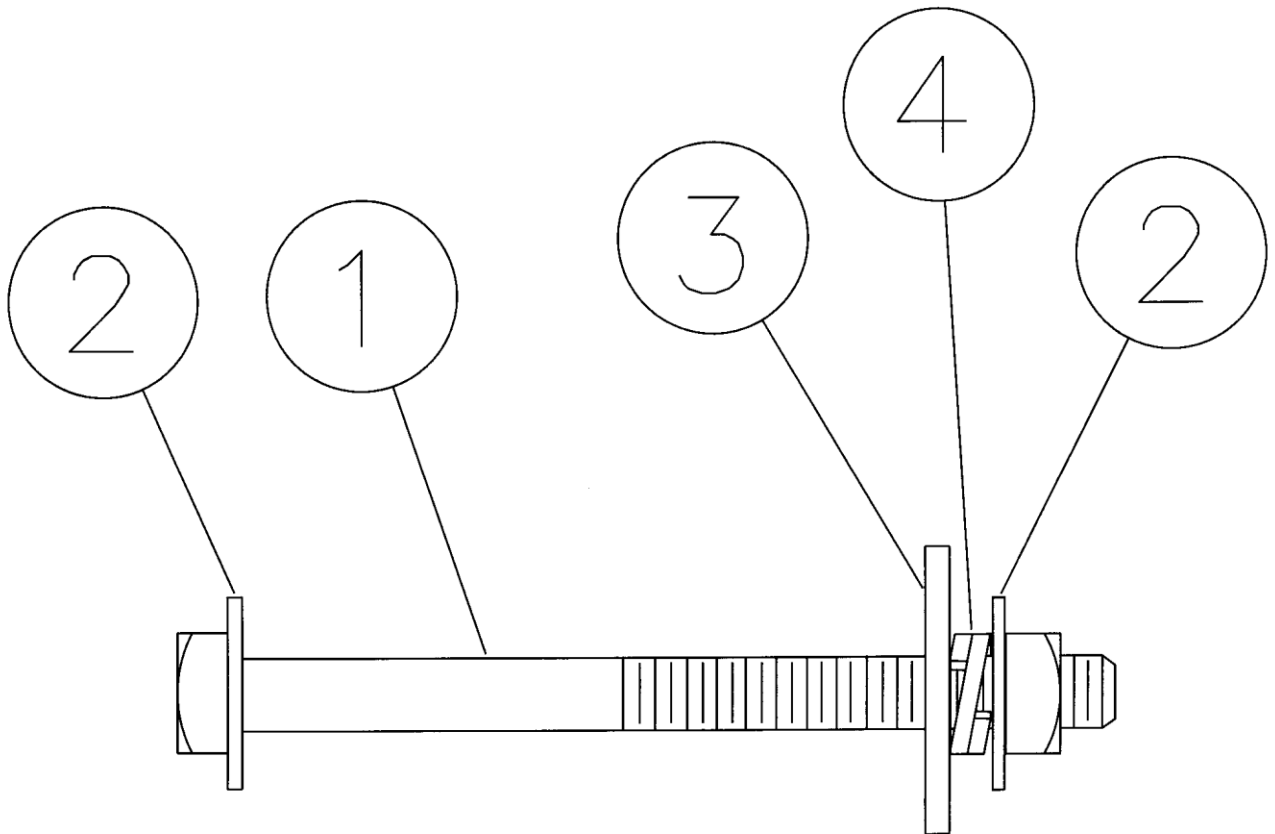


NO.	ITEM ID	QTY	DESCRIPTION
1	BOL MS ***	1	GENERAL CODE FOR 3/4 IN. DIA. MACHINE BOLT
2	WAS SF 003	2	WASHER, SQUARE, 3 IN., FOR 3/4 IN. DIA. BOLT
3	WAS SP 002	1	WASHER, SPRING, DOUBLE HELIX, FOR 3/4 IN. DIA. BOLT

BA-5**BOLT ASSEMBLY**

OPTIONS: NONE

BOLT PLATE: NONE



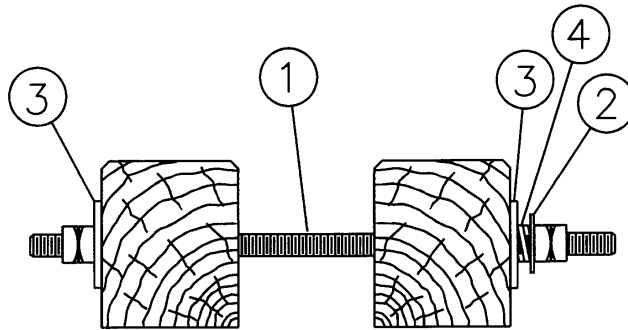
NO.	ITEM ID	QTY	DESCRIPTION
1	BOL MS ***	1	GENERAL CODE FOR 5/8 IN. DIA. MACHINE BOLT
2	WAS RD 005	2	WASHER, ROUND, 1-3/4 IN. DIA., FOR 3/4 IN. DIA. BOLT
3	WAS SF 003	1	WASHER, SQUARE, 3 IN., FOR 3/4 IN. DIA. BOLT
4	WAS SP 002	1	WASHER, SPRING, DOUBLE HELIX, FOR 3/4 IN. DIA. BOLT

BA-6

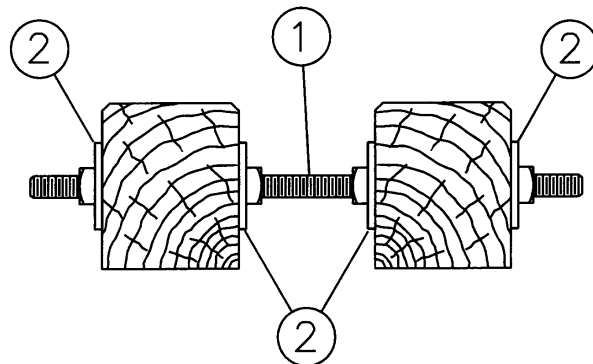
BOLT ASSEMBLY

OPTIONS: NONE

BOLT PLATE: NONE



B PHASE X-ARM BOLT



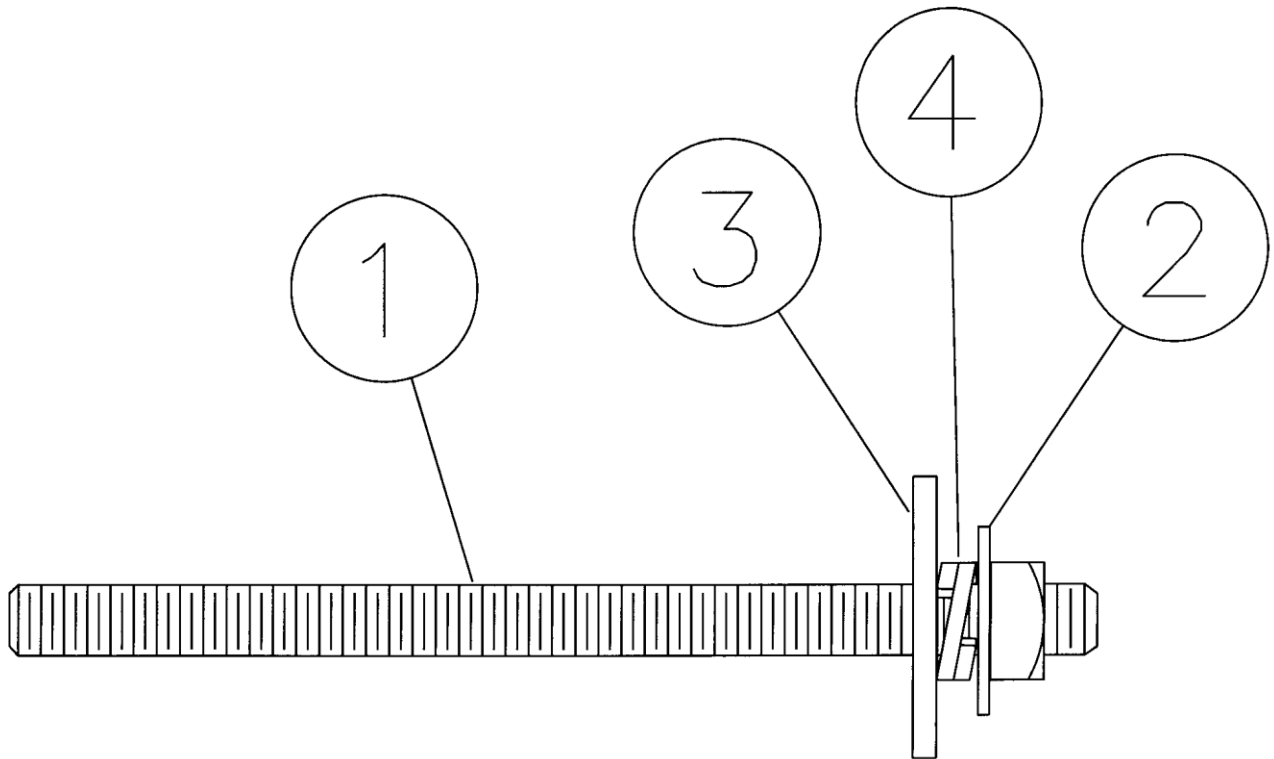
A&C PHASE X-ARM BOLT

NO.	ITEM ID	QTY	DESCRIPTION
1	BOL DA ***	1	GENERAL CODE FOR 3/4 IN. DIA. DOUBLE ARMING BOLT
2	WAS RD 005	1	WASHER, ROUND, 2 IN. DIA., FOR 3/4 IN. DIA. BOLT
3	WAS SF 003	2	WASHER, SQUARE, 3 IN., FOR 3/4 IN. DIA. BOLT
4	WAS SP 002	1	WASHER, SPRING, DOUBLE HELIX, FOR 3/4 IN. DIA. BOLT
	OR		
1	BOL DA ***	1	GENERAL CODE FOR 3/4 IN. DIA. DOUBLE ARMING BOLT
2	WAS SF 003	2	WASHER, SQUARE, 3 IN., FOR 3/4 IN. DIA. BOLT

BA-7**BOLT ASSEMBLY**

OPTIONS: NONE

BOLT PLATE: NONE

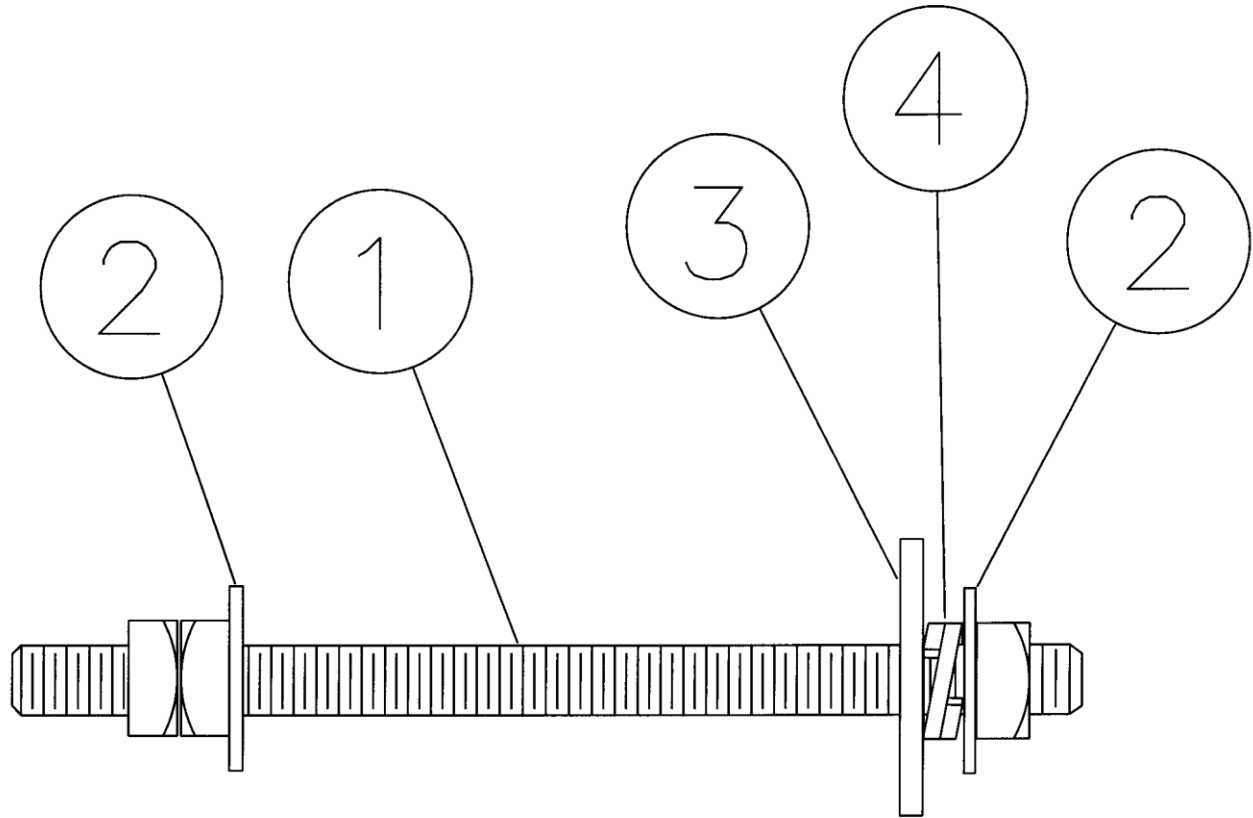


NO.	ITEM ID	QTY	DESCRIPTION
1	BOL DA ***	1	GENERAL CODE FOR 3/4 IN. DIA. DOUBLE ARMING BOLT
2	WAS RD 005	1	WASHER, ROUND, 2 IN. DIA., FOR 3/4 IN. DIA. BOLT
3	WAS SF 003	1	WASHER, SQUARE, 3 IN., FOR 3/4 IN. DIA. BOLT
4	WAS SP 002	1	WASHER, SPRING, DOUBLE HELIX, FOR 3/4 IN. DIA. BOLT

BA-8**BOLT ASSEMBLY**

OPTIONS: NONE

BOLT PLATE: NONE

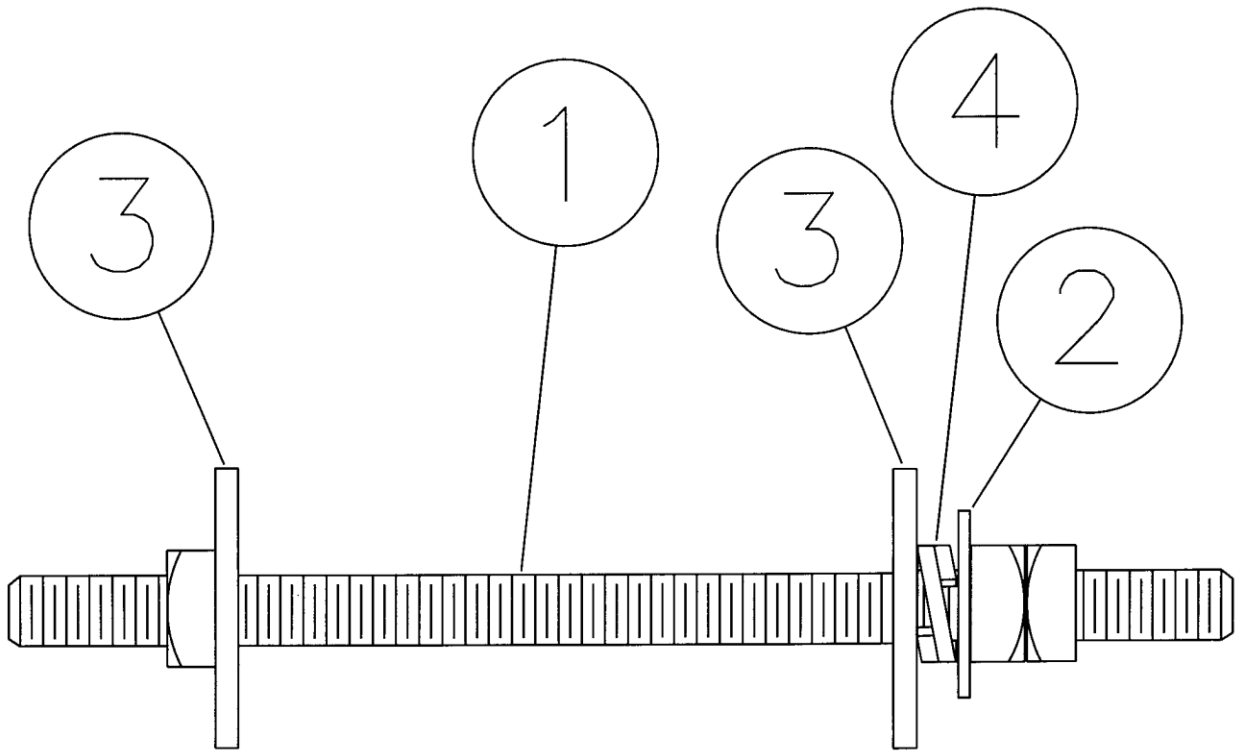


NO.	ITEM ID	QTY	DESCRIPTION
1	BOL DA ***	1	GENERAL CODE FOR 3/4 IN. DIA. DOUBLE ARMING BOLT
2	WAS RD 005	2	WASHER, ROUND, 2 IN. DIA., FOR 3/4 IN. DIA. BOLT
3	WAS SF 003	1	WASHER, SQUARE, 3 IN., FOR 3/4 IN. DIA. BOLT
4	WAS SP 002	1	WASHER, SPRING, DOUBLE HELIX, FOR 3/4 IN. DIA. BOLT

BA-9**BOLT ASSEMBLY**

OPTIONS: NONE

BOLT PLATE: NONE

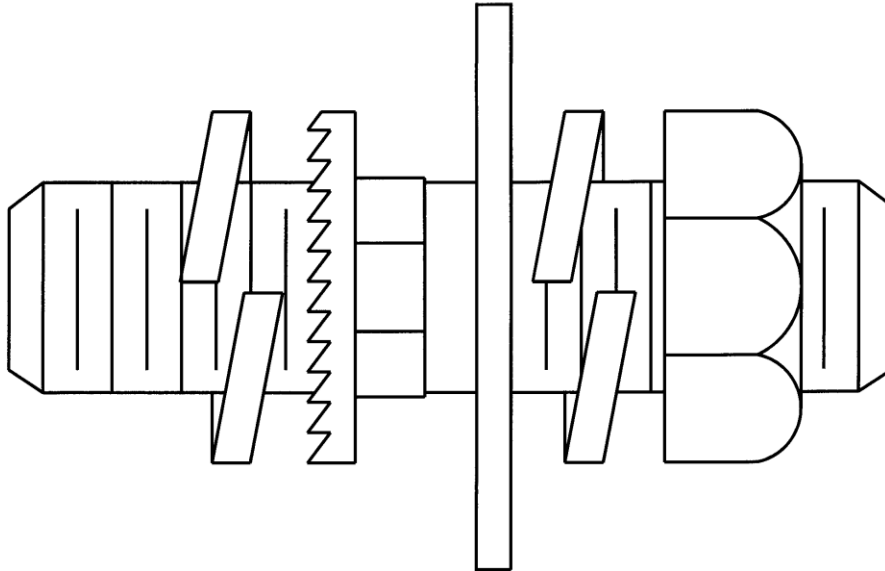


NO.	ITEM ID	QTY	DESCRIPTION
1	BOL DA ***	1	GENERAL CODE FOR 3/4 IN. DIA. DOUBLE ARMING BOLT
2	WAS RD 005	1	WASHER, ROUND, 2 IN. DIA., FOR 3/4 IN. DIA. BOLT
3	WAS SF 003	2	WASHER, SQUARE, 3 IN., FOR 3/4 IN. DIA. BOLT
4	WAS SP 002	1	WASHER, SPRING, DOUBLE HELIX, FOR 3/4 IN. DIA. BOLT

BA-11**BOLT ASSEMBLY**

OPTIONS: NONE

BOLT PLATE: NONE

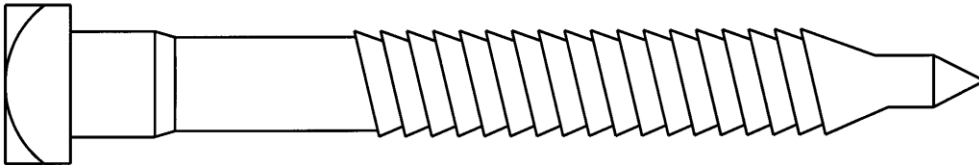


NO.	ITEM ID	QTY	DESCRIPTION
1	STU LI 001	1	STUD, LINE POST, 3/4 IN. DIA. HEAD, 1-3/4 IN. SHANK
2	WAS RD 005	1	WASHER, ROUND, 2 IN. DIA., FOR 3/4 IN. DIA. BOLT

BA-12**BOLT ASSEMBLY**

OPTIONS: NONE

BOLT PLATE: NONE



NO.	ITEM ID	QTY	DESCRIPTION
1	SCW LA 002	1	SCREW, LAG, 1/2 X 4

CONSTRUCTION PLATE BOLT TABLES

BOLT LOCATION	P1	P1-1	P1-3	P2	P3	P4	P5	P7	P8
B5									
7									
B13	Use BA-1 and BA-8 as Required	Use BA-7 as Required	Use BA-9 as Required	Use BA-1 and BA-8 as Required	Use BA-9 as Required	Use BA-9 as Required	Use BA-9 as Required	Use BA-1 as Required	Use BA-1 as Required
B15									
17									
B20									
25									
B30									
35									
B38									
45									
B48									
51									
53									
B58									
63									
B68									
73									
83									
B96									
101									
B106									
111									
116									
121									
127									
134									
B139									
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	SH1	SH3	SH4	SH5	SH8	SH20	DA1	DA1-5	DA2
B5	BA-1	BA-1	BA-1			BA-1	BA-1		BA-1
7			BA-1	BA-1	BA-1				
B13									
B15	BA-1	BA-1	BA-1			BA-1	BA-1		BA-1
17			BA-1	BA-1	BA-1				
B20							BA-1	BA-1	BA-1
25									
B30							BA-8	BA-8	BA-8
35									
B38									
45									
B48									
51									
53									
B58									
63									
B68									
73									
83									
B96									
101									
B106									
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121									
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B139									
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192									
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B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	DA2-5	DA3	DA3-5	DA4	DA4-5	DA5	DA5-5	DA6	DA6-5
B5		BA-1		BA-1					
7				BA-1		BA-1			
B13									
B15		BA-1		BA-1					
17				BA-1		BA-1			
B20	BA-1	BA-9	BA-9	BA-9	BA-9			BA-7	BA-7
25				BA-9	BA-9	BA-9	BA-9		
B30	BA-8								
35									
B38									
45									
B48									
51									
53									
B58									
63									
B68									
73									
83									
B96									
101									
B106									
111									
116									
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134									
B139									
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	DA6-6	DA7	DA7-5	DA8	DA8-5	DA18	DA18-5	DA20	DA21
B5				BA-1		BA-1		BA-1	
7	BA-1	BA-1							
B13									
B15				BA-1		BA-1		BA-1	
17	BA-1	BA-1							
B20				BA-7	BA-7	BA-9	BA-9		
25		BA-1	BA-1	BA-9	BA-9				BA-1
B30									
35		BA-1	BA-1						BA-8
B38									
45									
B48									
51									
53									
B58									
63									
B68									
73									
83									
B96									
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B106									
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B139									
144									
B150									
156									
B162									
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B174									
B192									
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B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	DA21-5	DA22	DA22-5	DB1	DB1-5	DB2	DB2-5	DB3	DB3-5
B5				BA-1		BA-1		BA-1	
7									
B13									
B15				BA-1		BA-1		BA-1	
17									
B20				BA-1	BA-1	BA-1	BA-1	BA-9	BA-9
25	BA-1	BA-1	BA-1						
B30				BA-8	BA-8	BA-8	BA-8		
35	BA-8	BA-8	BA-8						
B38									
45									
B48									
51									
53									
B58				BA-1	BA-1	BA-1	BA-1	BA-9	BA-9
63									
B68				BA-8	BA-8	BA-8	BA-8		
73									
83									
B96									
101									
B106									
111									
116									
121									
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134									
B139									
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B150									
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B162									
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B174									
B192									
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B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	DB4	DB4-5	DB5	DB5-5	DB6	DB6-5	DB6-6	DB7	DB7-5
B5	BA-1								
7	BA-1		BA-1				BA-1	BA-1	
B13									
B15	BA-1								
17	BA-1		BA-1				BA-1	BA-1	
B20	BA-9	BA-9			BA-7	BA-7			
25	BA-9	BA-9	BA-9	BA-9				BA-1	BA-1
B30									
35								BA-1	BA-1
B38									
45									
B48									
51									
53									
B58	BA-9	BA-9			BA-7	BA-7			
63	BA-9	BA-9	BA-9	BA-9				BA-1	BA-1
B68									
73								BA-1	BA-1
83									
B96									
101									
B106									
111									
116									
121									
127									
134									
B139									
144									
B150									
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B162									
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B174									
B192									
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B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	DB8	DB8-5	DB18	DB18-5	DB20	DB21	DB21-5	DB22	DB22-5
B5	BA-1		BA-1		BA-1				
7									
B13									
B15	BA-1		BA-1		BA-1				
17									
B20	BA-7	BA-7	BA-9	BA-9					
25	BA-9	BA-9				BA-1	BA-1	BA-1	BA-1
B30									
35						BA-8	BA-8	BA-8	BA-8
B38									
45									
B48									
51									
53									
B58	BA-7	BA-7	BA-9	BA-9					
63	BA-9	BA-9				BA-1	BA-1	BA-1	BA-1
B68									
73						BA-8	BA-8	BA-8	BA-8
83									
B96									
101									
B106									
111									
116									
121									
127									
134									
B139									
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B150									
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B162									
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B174									
B192									
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B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES

(CONTINUED)

BOLT LOCATION	DC1	DC1-5	DC2	DC2-5	DC3	DC3-5	DC4	DC4-5	DC5
B5	BA-1		BA-1		BA-1		BA-1		
7							BA-1		BA-1
B13									
B15	BA-1		BA-1		BA-1		BA-1		
17							BA-1		BA-1
B20	BA-1	BA-1	BA-1	BA-1	BA-9	BA-9	BA-9	BA-9	
25							BA-9	BA-9	BA-9
B30	BA-8	BA-8	BA-8	BA-8					
35									
B38									
45									
B48									
51									
53									
B58	BA-1	BA-1	BA-1	BA-1	BA-9	BA-9	BA-9	BA-9	
63							BA-9	BA-9	BA-9
B68	BA-8	BA-8	BA-8	BA-8					
73									
83									
B96	BA-1	BA-1	BA-1	BA-1	BA-9	BA-9	BA-9	BA-9	
101							BA-9	BA-9	BA-9
B106	BA-8	BA-8	BA-8	BA-8					
111									
116									
121									
127									
134									
B139									
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	DC5-5	DC6	DC6-5	DC6-6	DC7SL	DC7	DC7-5	DC8	DC8-5
B5								BA-1	
7				BA-1	BA-1	BA-1			
B13									
B15								BA-1	
17				BA-1	BA-1	BA-1			
B20		BA-7	BA-7		BA-1			BA-7	BA-7
25	BA-9				BA-9	BA-1	BA-1	BA-9	BA-9
B30					BA-8				
35						BA-1	BA-1		
B38									
45									
B48									
51									
53									
B58		BA-7	BA-7		BA-1			BA-7	BA-7
63	BA-9				BA-9	BA-1	BA-1	BA-9	BA-9
B68					BA-8				
73						BA-1	BA-1		
83									
B96		BA-7	BA-7		BA-1			BA-7	BA-7
101	BA-9				BA-9	BA-1	BA-1	BA-9	BA-9
B106					BA-8				
111						BA-1	BA-1		
116									
121									
127									
134									
B139									
144									
B150									
156									
B162									
166									
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172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	DC18	DC18-5	DC20	DC21	DC21-5	DC22	DC22-5	T1	T1-5
B5	BA-1		BA-1						
7								BA-1	
B13									
B15	BA-1		BA-1						
17								BA-1	BA-4
B20	BA-9	BA-9							
25				BA-1	BA-1	BA-1	BA-1		
B30									
35				BA-8	BA-8	BA-8	BA-8		
B38									
47									*BA-5
B48									
51									
53									
B58	BA-9	BA-9							
63				BA-1	BA-1	BA-1	BA-1	BA-4	
B68									
73				BA-8	BA-8	BA-8	BA-8		
93								*BA-5	
B96	BA-9	BA-9							
101				BA-1	BA-8	BA-1	BA-1		
B106									
111				BA-8	BA-8	BA-8	BA-8		
116									
121									
127									
134									
B139									
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

* - WILL ADJUST ACCORDING TO THE LENGTH OF THE BRACE.

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	T2	T2-5	T5	T5-5	T6	T6-5	T8	T8-5	T20
B5									BA-1
7	BA-1		BA-1		BA-1		BA-1		
B13									
B15									BA-1
17	BA-1	BA-6	BA-1	BA-6	BA-1	BA-6	BA-1	BA-6	
B20									
25									
B30									
35									
B38									
47		*BA-5		*BA-5		*BA-5		*BA-5	
B48									
51									
53									
B58									
63	BA-6		BA-6		BA-6		BA-6		
B68									
73									
93	*BA-5		*BA-5		*BA-5		*BA-5		
B96									
101									
B106									BA-6
111									
116									
121									
127									
134									
B136									*BA-5
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

* - WILL ADJUST ACCORDING TO THE LENGTH OF THE BRACE.

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	T20-5	T22	T22-5	VA20	VA20-1	VA20-5	VA22	VA22-5	VB1-5
B5				BA-1					
7									
B13									
B15				BA-1					
17									BA-4
B20									
25									
B30									
35									
B38									
47									*BA-5
B48									
51									
B52						*BA-9			
B58									
63								BA-1	
B68	BA-6		BA-4		BA-6				
73								BA-1	
83					*BA-5				
B98	*BA-5		*BA-5						
101				BA-9			BA-1		
B106		BA-4							
111							BA-1		
116									
121									
127									
134									
B139		*BA-5							
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

* - WILL ADJUST ACCORDING TO THE LENGTH OF THE BRACE

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	VB2-5		VB7-5	VB8-5	VB20-5	VB22-5	KA20-F	KA20-1F	KA22-F
B5									
7									
B13									
B15									
17	BA-6		BA-6	BA-6					
B20									
25									
B30									
35									
B38									
45								BA-7	
47	*BA-5		*BA-5	*BA-5					
51									
53									
B58							BA-2	BA-2	BA-2
B63							BA-2	BA-2	BA-2
B68					BA-6	BA-4			
73									
83									
B98					*BA-5	*BA-5			
101									
B106									
111									
116									
121									
127									
134									
B139									
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

* - WILL ADJUST ACCORDING TO THE LENGTH OF THE BRACE

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	KB1	KB1-1	KB2	KB3	KB4	KB5	KB20	KB20-1	KB22
B5	BA-2	BA-2	BA-2	BA-1	BA-1		BA-2	BA-2	
7					BA-1	BA-2			
B13	BA-2	BA-2	BA-2				BA-2	BA-2	
B15						BA-2			
17									
B20							BA-2	BA-2	
25		*BA-12							
B30				BA-2	BA-2		BA-2	BA-2	
30								BA-12	
B38				BA-2	BA-2		BA-2	BA-9	
45									
B48									
51									
53									
B58								BA-2	
63							BA-7		BA-2
B68								BA-2	
71									BA-2
83									
B96									
101									
B106									
111									
116									
121									
127									
134									
B139									
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	KC1	KC1-1	KC2	KC3	KC4	KC5	KC20	KC20-1	KC22
B5	BA-2	BA-2	BA-2	BA-1	BA-1		BA-2	BA-2	
7					BA-1	BA-2			
B13	BA-2	BA-2	BA-2				BA-2	BA-2	
B15						BA-2			
17									
B20							BA-2	BA-2	
25		BA-12							
B30				BA-2	BA-2		BA-2	BA-2	
30								BA-12	
B38				BA-2	BA-2		BA-2	BA-9	
45									
B48									
51									
53									
B58								BA-2	
63							BA-7		BA-2
B68								BA-2	
71									BA-2
83									
B96									
101									
B106									
111									
116									
121									
127									
134									
B139									
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	DA1-2	DA3-2	DA4-2	DA5-2	DA6-2	DA8-2		DA22-2	VPA1-2
B5									BA-1
7									
B13									BA-1
B15									
17									
B20	BA-1		BA-9						
25			BA-9	BA-9		BA-9		BA-1	
B30	BA-1	BA-9							
35								BA-1	
B38					BA-1	BA-1			
45									
B48					BA-1	BA-1			
51									
53									
B58			BA-9						
63				BA-9				BA-1	
B68		BA-9	BA-9						
73								BA-1	
83									
B96			BA-9						
101				BA-9				BA-1	
B106		BA-9	BA-9						
111								BA-1	
116									
121									
127									
134									
B139									
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	F1	F2	F3	F4	F5	F5-1	F5-2	F9	F10
B5									
7									
B13									
B15									
17									
B20					BA-1		BA-1		
25	BA-1	BA-9	BA-1	BA-1		BA-1			
B30					BA-1		BA-1		
35	BA-1	BA-9	BA-1	BA-1		BA-1			
B38									
45									
B48									
51									
53									
B58					BA-1		BA-1		
63	BA-1	BA-9	BA-1	BA-1		BA-1			
B68					BA-1		BA-1		
73	BA-1	BA-9	BA-1	BA-1		BA-1			
83									
B96					BA-1		BA-1		BA-1
101	BA-1	BA-9	BA-1	BA-1		BA-1		BA-1	
B106					BA-1		BA-1		BA-1
111	BA-1	BA-9	BA-1	BA-1		BA-1		BA-1	
116									
121									
127									
134									
B139									
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	F11	F11-S	F11-SS	FCS-1	FCS	FCR-1	FCR	RGA	RGB
B5									
7									
B13									
B15									
17									
B20									
25	BA-1				BA-9		BA-9		
B30									
35	BA-1	BA-8	BA-8		BA-8		BA-8		
B38									
45									
B48									
51									
53									
B58									
63	BA-1				BA-9		BA-9		
B68									
73	BA-1	BA-8	BA-8		BA-8		BA-8		
83									
B96									
101	BA-1				BA-9		BA-9		
B106									
111	BA-1	BA-8	BA-8		BA-8		BA-8		
116									
121									
127									
134									
B139									
144									
B150				BA-1	BA-1	BA-1	BA-1		BA-5
156								BA-2	BA-5
B162									BA-5
166									
168								BA-2	BA-5
172									
B174				BA-1	BA-1	BA-1	BA-1		
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	RGC	WGA	WGB	WGC	DGA	DGB	DGC	DGRA	DGRB
B5									
7									
B13									
B15									
17									
B20									
25									
B30									
35									
B38			MOUNT CUTOUT AND ARRESTER BRACKET BEHIND THE LOWEST PHAE.						
45									
B48									
51									
53									
B58									
63									
B68									
73									
83									
B96									
101									
B106									
111									
116									
121									
127									
134									
B139									
144									
B150	BA-5		BA-5	BA-5		BA-5	BA-5		BA-5
156	BA-5	BA-2	BA-5	BA-5	BA-2	BA-5	BA-5	BA-2	BA-5
B162	BA-5		BA-5	BA-5		BA-5	BA-5		BA-5
166									
168	BA-5	BA-2	BA-5	BA-5	BA-2	BA-5	BA-5	BA-2	BA-5
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	DGRC	DS1-5	DS1R-5	DS1RT-5	DS2-5	DS3-5	DS5-5	DS5R-5	DS5RT-5
B5									
7								BA-1	
B13									
B15									
17								BA-1	
B20							BA-1	BA-1	BA-8
25		BA-9	BA-9	BA-1	BA-5	BA-6	BA-9	BA-9	
B30							BA-1	BA-1	BA-8
35		BA-8	BA-8		BA-5		BA-8	BA-8	
B38									
45									
B48									
51									
55						*BA-8			
B58		BA-8	*BA-8	BA-8			BA-1	BA-5	BA-8
63		BA-9	BA-8	BA-5			BA-9	BA-9	BA-5
B68		BA-8	BA-8	BA-8			BA-1	BA-1	BA-8
73		BA-8	BA-8				BA-8	BA-8	
83									
B96		BA-8	*BA-8	BA-8			BA-1	BA-5	BA-8
101		BA-9	BA-8	BA-5			BA-9	BA-9	BA-5
B106		BA-8	BA-8	BA-8			BA-1	BA-1	BA-8
111		BA-8	BA-8				BA-8	BA-8	
116									
121									
127									
B134			*BA-8					BA-5	
139				BA-5					BA-5
144									
B150	BA-5								
156	BA-5								
B162	BA-5								
166									
168	BA-5								
172									
B174									
B192									
198									
B204									
B216									
223		BA-1							
234		BA-1							
B348									
B468									
B480									

* - 5/8 IN. BOLT

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	RS3-5	SCADA	DS1S	DUA2	DUB1	DUB2	DUC1	DUC2	DUC3
B5									
7									
B13									
B15		BA-5							
17									
B20				BA-1					BA-7
25	BA-6	BA-9							
B30				BA-1				BA-7	
35					BA-7		BA-7		
B38									
45									
B48									
51									
53									
B58									BA-9
63		BA-9							
B68									
73									
83									
B96						BA-7		BA-9	
101		BA-9							BA-1
B106		*BA-8							
111									BA-1
116									
121									
127									
134									
B139									
144									
B150									
156			BA-1						
B162									
166									
168			BA-1						
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

* - 5/8 IN. BOLT

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	YDC-6F	YDC-12S	YDC-12SN	YRC-1.5	YRC-3	YRC-6	MD1	MD2	MR1
B5									
7									
B13									
B15									
17							BA-9		BA-9
B20							BA-8		BA-8
25							BA-9	BA-6	BA-9
B30							BA-8		BA-8
35	BA-7	BA-7	BA-7	BA-7	BA-7	BA-7	BA-8	BA-8	BA-8
B38									
45									
B48									
51									
53									
B58							BA-8		BA-8
63							BA-9	BA-8	BA-9
B68							BA-8		BA-8
73	BA-7	BA-7	BA-7	BA-7	BA-7	BA-7	BA-8	BA-6	BA-8
91								BA-8	
B96							BA-8		BA-8
101							BA-9	BA-8	BA-9
B106							BA-8		BA-8
111							BA-8		BA-8
116									
121									
127									
134	BA-7	BA-7	BA-7	BA-7	BA-7	BA-7			
135							BA-9		BA-9
144									
B150									
156									
B162	BA-1	BA-1	BA-1	BA-1	BA-1	BA-1			
166									
168									
172									
B180	BA-1	BA-1	BA-1	BA-1	BA-1	BA-1			
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	MR2	S1	S1-1	L1	L2	L3	LB1	LB2	LB3
B5									
7									
B13									
B15									
17									
B20									
25	BA-6								
B30									
35	BA-8								
B38									
45									
B48									
51									
53									
B58									
63	BA-8								
B68									
73	BA-6								
83	BA-8								
B96									
101	BA-8								
B106									
111									
116									
121									
127									
134									
B139									
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192		BA-3	BA-3						
198									
B204				BA-3	BA-3	BA-3	BA-3	BA-3	BA-3
B216				BA-3	BA-3	BA-3	BA-3	BA-3	BA-3
B228					BA-3	BA-3		BA-3	BA-3
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	FCRS	RUA2	RUB1	RUB2	RUC1	RUC2	RUC3	WUA2	WUB1
B5									
7									
B13									
B15									
17									
B20		BA-1					BA-7	BA-1	
25	BA-6								
B30		BA-1				BA-7		BA-1	
35	BA-8		BA-7		BA-7				BA-7
B38									
45									
B48									
51									
53									
B58							BA-9		
63	BA-1								
B68									
73	BA-6								
91	BA-8								
B96				BA-7		BA-9			
101	BA-1						BA-1		
B106									
111							BA-1		
116									
121									
127									
134									
B139									
144									
B150	BA-8								
156	BA-1								
B162	BA-8								
166									
168	BA-1								
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									

CONSTRUCTION PLATE BOLT TABLES (CONTINUED)

BOLT LOCATION	WUB2	WUC1	WUC2	WUC3					
B5									
7									
B13									
B15									
17									
B20				BA-7					
25									
B30			BA-7						
35		BA-7							
B38									
45									
B48									
51									
53									
B58				BA-9					
63									
B68									
73									
91									
B96	BA-7		BA-9						
101				BA-1					
B106									
111				BA-1					
116									
121									
127									
134									
B139									
144									
B150									
156									
B162									
166									
168									
172									
B174									
B192									
198									
B204									
B216									
B228									
B336									
B348									
B468									
B480									