

FIELD BOLT LIST										A325 Type 1 BOLTS (MECH. GALV.)									
LINE	NO. REQ'D.	BOLT DIA.	BOLT LEN.	BOLTS # OF CONN.	GRIP	THICKNESS OF PCL. CONNECTED	MIN. CODE	PIECES CONNECTED AND REMARKS											
1								CONNECTIONS AT JOINT L1:											
2								DIAGONALS 30LSU10N &											
3	104	7/8	4	26	4	2 1/2	9/16	1	L1	4LSU10S TO GUSSET PLATE									
4								FLBM 17FB9 TO GUSSET PLATE											
5	80	7/8	4	40	2	2 1/2	3/4	1	L1	& POST AT (N & S)									
6	8	7/8	3 1/2	4	2	2 1/2	5/8	1	L1	BRKT 24BK1 AT NORTH SIDE									
7	4	7/8	3 1/2	4	1	2 1/2	5/8	1	L1	BRKT 27BK1 AT SOUTH SIDE									
8								CONNECTIONS AT JOINT L1D:											
9								VERTICALS 12V10N & 12V10S											
10	40	7/8	3	20	2	1 1/2	1/2	3/4	L1	TO GUSSET PLATE & FILL									
11								FLBM 18FB10 TOP NT TO GUSSET											
12								L1 & VERTICALS (N & S)											
13	16	7/8	3 1/2	8	2	2 1/2	13/16	3/4	L1	& VERTICALS (N & S)									
14								FLBM 18FB10 ANGLES TO GUSSET											
15	16	7/8	3 1/2	8	2	1 1/2	1/2	3/4	L1	& VERTICALS (N & S)									
16								VERTICALS 12V10N & 12V10S											
17	16	7/8	3	8	2	1 1/2	1/2	3/4	L1	TO G.P.L. & FILL @ FLBM 18FB10									
18								FLBM 18FB10 ANGLES TO GUSSET											
19	4	7/8	3 1/2	2	2	1 1/2	1/2	3/4	L1	& CHORD (N & S)									
20								FLBM 18FB10 BTH NT TO GUSSET											
21	16	7/8	3 1/2	8	2	2 1/2	13/16	3/4	L1	& CHORD (N & S)									
22	4	7/8	2 1/2	4	1	1 1/2	5/8	1/2	L1	BRKT 25BK1 AT NORTH SIDE(T)									
23	4	7/8	3 1/2	4	1	2 1/2	5/8	3/4	L1	BRKT 25BK2 AT NORTH SIDE(B)									
24	4	7/8	3 1/2	4	1	2 1/2	5/8	3/4	L1	BRKT 27BK3 AT SOUTH SIDE									
25								CONNECTIONS AT JOINT L1I:											
26								DIAGONALS 15L17U10N &											
27								DIAGONALS 15L17U10S &											
28	72	7/8	3 1/2	18	4	2 1/2	5/8	1 1/2	L1	15L17U10S TO GUSSET & FILL									
29								DIAGONALS 15L17U12N &											
30	72	7/8	3 1/2	18	4	2 1/2	5/8	1 1/2	L1	15L17U12S TO GUSSET & FILL									
31								FLBM 21FB11 TOP NT TO GUSSET											
32	8	7/8	4 1/2	4	2	3 1/2	13/16	1 1/2	L1	& BLOCKING POST (N & S)									
33								FLBM 21FB11 ANGLES TO GUSSET											
34	16	7/8	4 1/2	8	2	2 1/2	1/2	1 1/2	L1	& BLOCKING POST (N & S)									
35								FLBM 21FB11 ANGLES TO GUSSET											
36	4	7/8	4 1/2	2	2	2 1/2	1/2	1 1/2	L1	& CHORD (N & S)									
37								FLBM 21FB11 BTH NT TO GUSSET											
38	8	7/8	4 1/2	4	2	3 1/2	13/16	1 1/2	L1	& CHORD (N & S)									
39	4	7/8	2 1/2	4	1	1 1/2	5/8	1/2	L1	BRKT 25BK1 AT NORTH SIDE(T)									
40	4	7/8	3 1/2	4	1	2 1/2	5/8	3/4	L1	BRKT 25BK2 AT NORTH SIDE(B)									
41	4	7/8	4 1/2	4	1	2 1/2	5/8	1 1/2	L1	BRKT 27BK6 AT SOUTH SIDE									
42								CONNECTIONS AT JOINT L1J:											
43								VERTICALS 13V12N & 13V12S											
44								L1 TO GUSSET PLATE & FILL											
45	40	7/8	3	20	2	1 1/2	1/2	3/4	L1	TO GUSSET PLATE & FILL									
46								FLBM 19FB12 TOP NT TO GUSSET											
47	16	7/8	3 1/2	8	2	2 1/2	13/16	3/4	L1	& VERTICALS (N & S)									
48								FLBM 19FB12 ANGLES TO GUSSET											
49	16	7/8	3 1/2	8	2	2	1/2	3/4	L1	& VERTICALS (N & S)									
50								VERTICALS 13V12N & 13V12S											
51	16	7/8	3	8	2	1 1/2	1/2	3/4	L1	TO G.P.L. & FILL @ FLBM 19FB12									
52								FLBM 19FB12 ANGLES TO GUSSET											
53	4	7/8	3 1/2	2	2	2	1/2	3/4	L1	& CHORD (N & S)									
54								FLBM 19FB12 BTH NT TO GUSSET											
55	16	7/8	3 1/2	8	2	2 1/2	13/16	3/4	L1	& CHORD (N & S)									
56	4	7/8	2 1/2	4	1	1 1/2	5/8	1/2	L1	BRKT 25BK2 AT NORTH SIDE(T)									
57	4	7/8	3 1/2	4	1	2 1/2	5/8	3/4	L1	BRKT 25BK2 AT NORTH SIDE(B)									
58	4	7/8	3 1/2	4	1	2 1/2	5/8	3/4	L1	BRKT 27BK4 AT SOUTH SIDE									
59								WASHER CODES											

L1: 1 Flat, 1 Load Ind.
L1H @ head, hard wa. @ nut

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60								CONNECTIONS AT JOINT L1K:											
61								DIAGONALS 15L13U12N &											
62	72	7/8	4 1/2	18	4	2 1/2	5/8	1 1/2	L1	15L13U12S TO GUSSET & FILL									
63								DIAGONALS 15L13U14N &											
64	72	7/8	4 1/2	18	4	2 1/2	5/8	1 1/2	L1	15L13U14S TO GUSSET & FILL									
65								FLBM 22FB13 TOP NT TO GUSSET											
66	8	7/8	5	4	2	3 1/2	13/16	1 1/2	L1	& BLOCKING POST (N & S)									
67								FLBM 22FB13 ANGLES TO GUSSET											
68	16	7/8	4 1/2	8	2	3 1/2	1/2	1 1/2	L1	& BLOCKING POST (N & S)									
69								FLBM 22FB13 ANGLES TO GUSSET											
70	4	7/8	4 1/2	2	2	3 1/2	1/2	1 1/2	L1	& CHORD (N & S)									
71								FLBM 22FB13 BTH NT TO GUSSET											
72	8	7/8	5	4	2	3 1/2	13/16	1 1/2	L1	& CHORD (N & S)									
73	4	7/8	2 1/2	4	1	1 1/2	5/8	1/2	L1	BRKT 25BK2 AT NORTH SIDE(T)									
74	4	7/8	4 1/2	4	1	3 1/2	5/8	1 1/2	L1	BRKT 25BK2 AT NORTH SIDE(B)									
75	4	7/8	4 1/2	4	1	3 1/2	5/8	1 1/2	L1	BRKT 27BK7 AT SOUTH SIDE									
76								CONNECTIONS AT JOINT L1L:											
77								VERTICALS 13V14N & 13V14S											
78								L1 TO GUSSET PLATE & FILL											
79	40	7/8	3 1/2	20	2	1 1/2	1/2	3/4	L1	TO GUSSET PLATE & FILL									
80								FLBM 19FB14 TOP NT TO GUSSET											
81	16	7/8	4	8	2	2 1/2	13/16	3/4	L1	& VERTICALS (N & S)									
82								FLBM 19FB14 ANGLES TO GUSSET											
83	16	7/8	3 1/2	8	2	2 1/2	1/2	3/4	L1	& VERTICALS (N & S)									
84								VERTICALS 13V14N & 13V14S											
85	16	7/8	3 1/2	8	2	1 1/2	1/2	3/4	L1	TO G.P.L. & FILL @ FLBM 19FB14									
86								FLBM 19FB14 ANGLES TO GUSSET											
87	4	7/8	3 1/2	2	2	2 1/2	1/2	3/4	L1	& CHORD (N & S)									
88								FLBM 19FB14 BTH NT TO GUSSET											
89	16	7/8	4	8	2	2 1/2	13/16	3/4	L1	& CHORD (N & S)									
90	4	7/8	2 1/2	4	1	1 1/2	5/8	1/2	L1	BRKT 26BK3 AT NORTH SIDE(T)									
91	4	7/8	3 1/2	4	1	2 1/2	5/8	3/4	L1	BRKT 26BK3 AT NORTH SIDE(B)									
92	4	7/8	3 1/2	4	1	2 1/2	5/8	3/4	L1	BRKT 27BK2 AT SOUTH SIDE									
93								CONNECTIONS AT JOINT L1M:											
94								DIAGONALS 15L15U14N &											
95								DIAGONALS 15L15U16N &											
96	72	7/8	4 1/2	18	4	2 1/2	5/8	1 1/2	L1	15L15U14S TO GUSSET & FILL									
97								DIAGONALS 15L15U16N &											
98	72	7/8	4 1/2	18	4	2 1/2	5/8	1 1/2	L1	15L15U16S TO GUSSET & FILL									
99								FLBM 22FB15 TOP NT TO GUSSET											
100	8	7/8	5	4	2	3 1/2	13/16	1 1/2	L1	& BLOCKING POST (N & S)									
101								FLBM 22FB15 ANGLES TO GUSSET											
102	16	7/8	4 1/2	8	2	3 1/2	1/2	1 1/2	L1	& BLOCKING POST (N & S)									
103								FLBM 22FB15 ANGLES TO GUSSET											
104	4	7/8	4 1/2	2	2	3 1/2	1/2	1 1/2	L1	& CHORD (N & S)									
105								FLBM 22FB15 BTH NT TO GUSSET											
106	8	7/8	5	4	2	3 1/2	13/16	1 1/2	L1	& CHORD (N & S)									
107	4	7/8	2 1/2	4	1	1 1/2	5/8	1/2	L1	BRKT 25BK2 AT NORTH SIDE(T)									
108	4	7/8	4 1/2	4	1	3 1/2	5/8	1 1/2	L1	BRKT 25BK2 AT NORTH SIDE(B)									
109	4	7/8	4 1/2	4	1	3 1/2	5/8	1 1/2	L1	BRKT 27BK7 AT SOUTH SIDE									
110								CONNECTIONS AT JOINT L1N:											
111								VERTICALS 13V16N & 13V16S											
112								L1 TO GUSSET PLATE & FILL											
113	40	7/8	3	20	2	1 1/2	1/2	3/4	L1	TO GUSSET PLATE & FILL									
114								FLBM 19FB16 TOP NT TO GUSSET											
115	16	7/8	3 1/2	8	2	2 1/2	13/16	3/4	L1	& VERTICALS (N & S)									
116								WASHER CODES											

L1: 1 Flat, 1 Load Ind.

FIELD BOLT LIST										A325 Type 1 BOLTS (MECH. GALV.)									
LINE	NO. REQ'D.	BOLT DIA.	BOLT LEN.	BOLTS # OF CONN.	GRIP	THICKNESS OF PCL. CONNECTED	MIN. CODE	PIECES CONNECTED AND REMARKS											
117								CONNECTIONS AT JOINT L1O:											
118								FLBM 19FB16 ANGLES TO GUSSET											
119	16	7/8	3 1/2	8	2	2	1/2	3/4	L1	& VERTICALS (N & S)									
120								VERTICALS 13V16N & 13V16S											
121	16	7/8	3	8	2	1 1/2	1/2	3/4	L1	TO G.P.L. & FILL @ FLBM 19FB16									
122								FLBM 19FB16 ANGLES TO GUSSET											
123	4	7/8	3 1/2	2	2	2	1/2	3/4	L1	& CHORD (N & S)									
124								FLBM 19FB16 BTH NT TO GUSSET											
125	16	7/8	3 1/2	8	2	2 1/2	13/16	3/4	L1	& CHORD (N & S)									
126	4	7/8	2 1/2	4	1	1 1/2	5/8	1/2	L1	BRKT 26BK2 AT NORTH SIDE(T)									
127	4	7/8	3 1/2	4	1	2 1/2	5/8	3/4	L1	BRKT 26BK2 AT NORTH SIDE(B)									
128	4	7/8	3 1/2	4	1	2 1/2	5/8	3/4	L1	BRKT 27BK4 AT SOUTH SIDE									
129								CONNECTIONS AT JOINT L1P:											
130								DIAGONALS 15L17U16N &											
131								DIAGONALS 15L17U18N &											
132	72	7/8	3 1/2	18	4	2 1/2	5/8	1 1/2	L1	15L17U16S TO GUSSET & FILL									
133								DIAGONALS 15L17U18N &											
134	72	7/8	3 1/2	18	4	2 1/2	5/8	1 1/2	L1	15L17U18S TO GUSSET & FILL									
135								FLBM 21FB17 TOP NT TO GUSSET											
136	8	7/8	4 1/2	4	2	3 1/2	13/16	1 1/2	L1	& BLOCKING POST (N & S)									
137								FLBM 21FB17 ANGLES TO GUSSET											
138	16	7/8	4 1/2	8	2	2 1/2	1/2	1 1/2	L1	& BLOCKING POST (N & S)									
139								FLBM 21FB17 ANGLES TO GUSSET											
140	4	7/8	4 1/2	2	2	2 1/2	1/2	1 1/2	L1	& CHORD (N & S)									
141								FLBM 21FB17 BTH NT TO GUSSET											
142	8	7/8	4 1/2	4	2	3 1/2	13/16	1 1/2	L1	& CHORD (N & S)									
143	4	7/8	2 1/2	4	1	1 1/2	5/8	1/2	L1	BRKT 25BK1 AT NORTH SIDE(T)									
144	4	7/8	4 1/2	4	1	2 1/2	5/8	1 1/2	L1	BRKT 25BK1 AT NORTH SIDE(B)									
145	4	7/8	4 1/2	4	1	2 1/2	5/8	1 1/2	L1	BRKT 27BK6 AT SOUTH SIDE									
146</																			