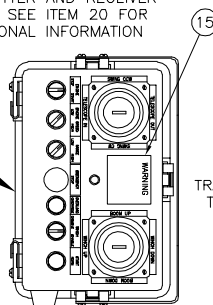




THIS NUMBER
MUST BE THE SAME ON
TRANSMITTER AND RECEIVER
IF NOT SEE ITEM 20 FOR
ADDITIONAL INFORMATION

SERIAL NO.:	XXX XXXXX XXX
TYPE:	GA 610
NUMBER:	XXXXXXXX

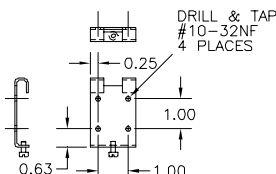
RADIO REMOTE SERIAL NO. PLATE



TRANSMITTER
TOP VIEW

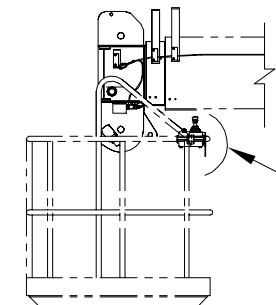
SHIPPING INSTRUCTIONS:

EACH RADIO REMOTE CONTROL SYSTEM SHALL BE SHIPPED
WITH A BOX (ITEM 22) CONTAINING THE FOLLOWING PARTS:
(2) BATTERIES; (1) BATTERY CHARGER; (2) RECEIVER KEYS;
(1) TRANSMITTER KEY; (1) ALLEN WRENCH AND (1) ANTENNA.

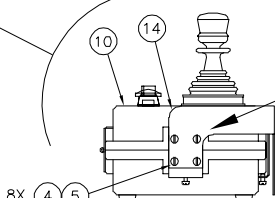


DRILL & TAP
#10-32NF
4 PLACES

TRANSMITTER CLAMP
MODIFICATION
2-PLACES



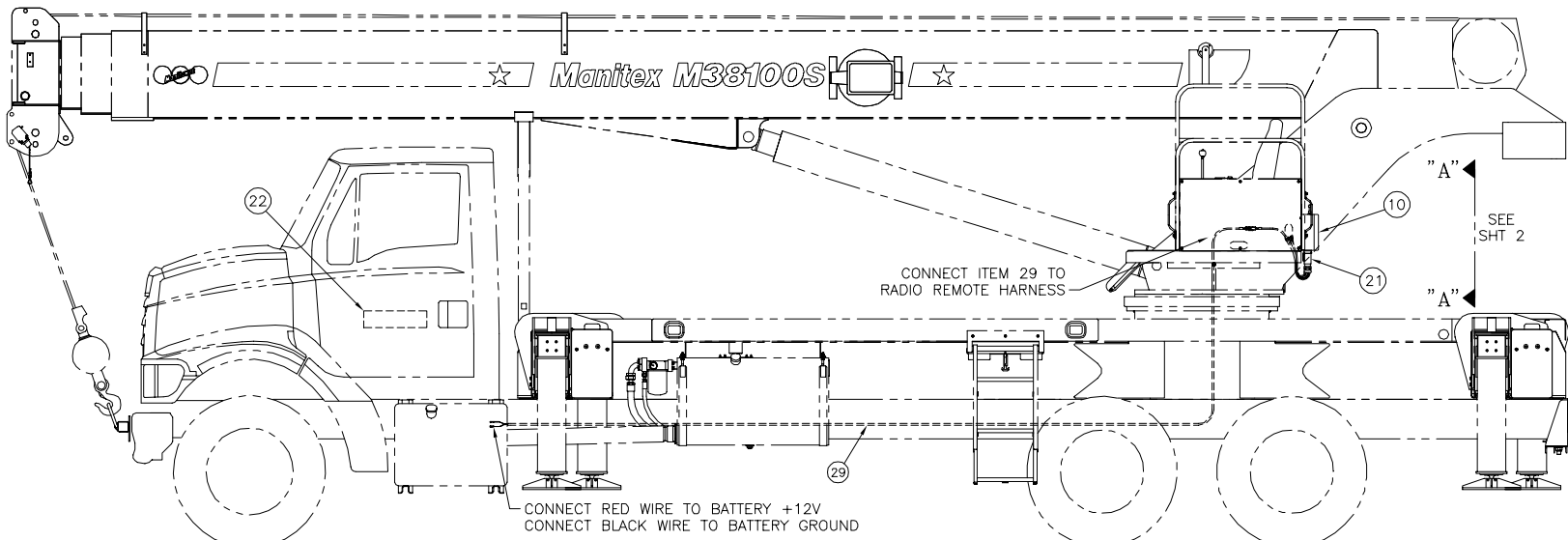
MAN BASKET (REF.)



CHEST HARNESS
NOT SHOWN

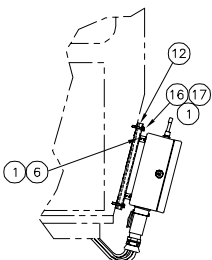
BILL OF MATERIAL					REVISIONS
ITEM NO.	PART NUMBER	QTY	DESCRIPTION	UNIT WEIGHT	
1	2007-040000	14	FLAT WASHER, .25	-	EN 98-0010-11
2	2007-050000	8	FLAT WASHER, .31	-	EO 10/98
3	2013-061008	4	BOLT SHLD, .38	-	NEW RELEASE
4	2020-100000	8	LOCK WASHER #10	-	EN 98-0011-08
5	2027-102004	8	SCREW #10NF X .25	-	DAS 11-11-98
6	2101-041015	4	HEX BOLT M4 X 15MM	-	A ADDED VIEW
7	4000285-003	2	DECAL LH	-	& ITEMS 12, 16.
8	4000286-003	2	DECAL RH	-	
9	2022-041012	8	BOLT, SCK HD .25	-	
10	4800721-003	1	REMOTE RADIO SYST.	-	
11	4800722-001	4	LINEAR ACTUATOR	-	
12	5002715-001	2	BRACKET, RECEIVER	-	
13	5000125-102	4	POINTER	-	
14	5002626-001	1	TRANSMITTER BRKT	-	
15	4000689-001	1	DECAL, WINCH WARNING	-	
16	2004-041024	4	BOLT 0.25NC X 1.50	-	
17	2006-040000	16	LOCK WASHER, .25	-	
18	2132-141012	4	S.DRILL/S.TAP SCREW	-	
19	5002645-001	2	POINTER SUPPORT PL	-	
20	7600012-007	1	INST/OPERATION GUIDE	-	
21	4800721-550	1	HARNESS, RADIO	-	
22	4800721-900	1	RADIO KIT	-	
23	2005-051000	2	HEX NUT 0.31	-	
24	2006-050000	2	LOCK WASHER, .31	-	
25	4000698-001	4	ADAPTER	-	
26	2010-042000	4	JAM NUT 0.25 UNF	-	
27	2010-062000	4	JAM NUT 0.38 UNF	-	
28	4000710-003	4	BALL JOINT SWIVEL	-	
29	4800691-031	1	POWER HARN EXT	-	

TOTAL ASSEMBLY WEIGHT. 50.41 LBS.



CONNECT ITEM 29 TO
RADIO REMOTE HARNESS

CONNECT RED WIRE TO BATTERY +12V
CONNECT BLACK WIRE TO BATTERY GROUND



RECEIVER MOUNTING
FOR S-SERIES CABS
A

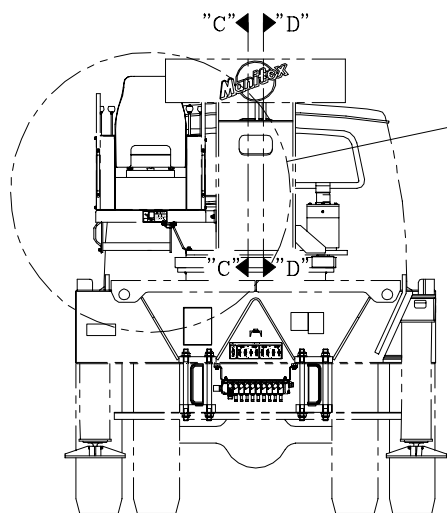
DOCUMENT CONTROL STATUS:
ELECTRONIC FILE = CONTROLLED
HARDCOPY = UNCONTROLLED

Manitowoc Boom Trucks, Inc.

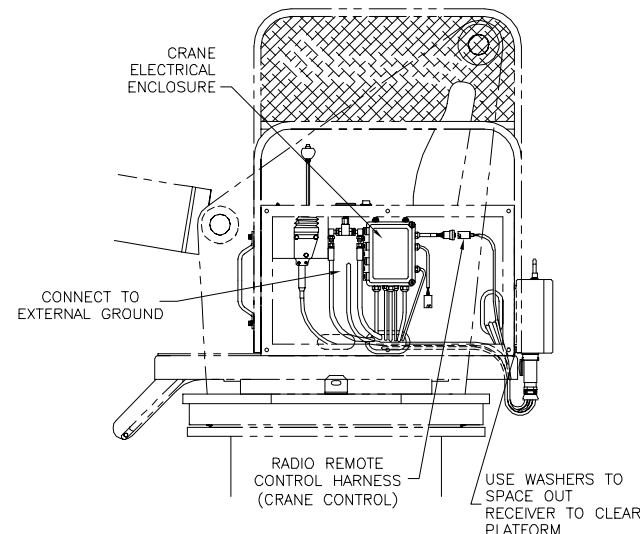
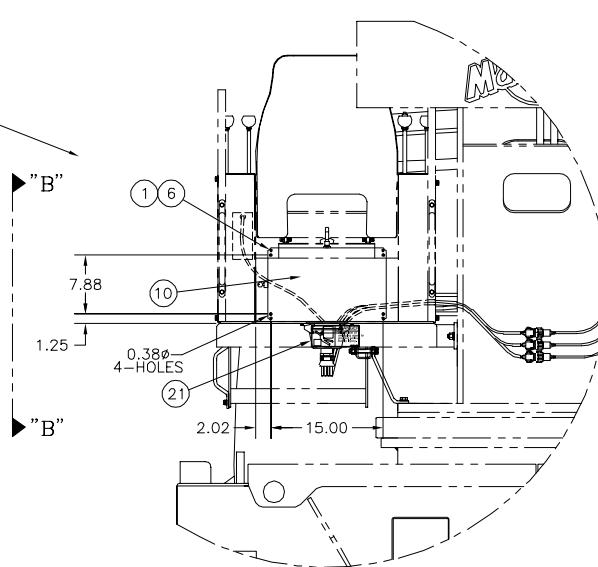
SCALE	DRAWN	CHECKED	APPROV./DATE
NONE	EO	DAS	EO 10/98

Radio Remote Control
Installation w/Override
Model M38100S

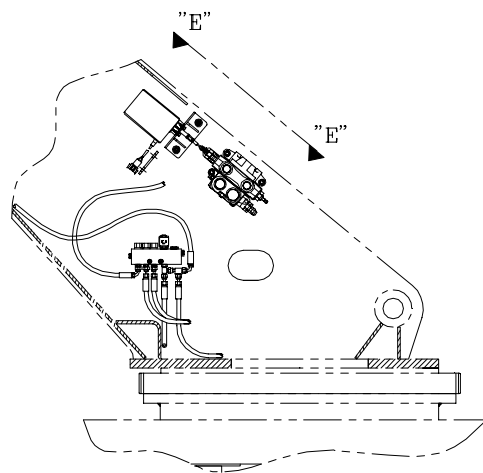
TOLERANCES (UNLESS SPECIFIED)	6000744-012
±1/16"	SHEET 1 OF 5



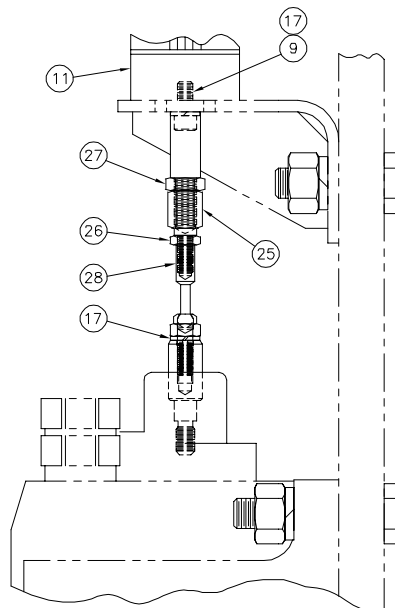
VIEW "A - A"



VIEW "B - B"



SECTION "C - C"
SCALE : 2X



VIEW "E - E"
SCALE: 8X

CRANE
ELECTRICAL
ENCLOSURE

CONNECT TO
EXTERNAL GROUND

RADIO REMOTE
CONTROL HARNESS
(CRANE CONTROL)

USE WASHERS TO
SPACE OUT
RECEIVER TO CLEAR
PLATFORM

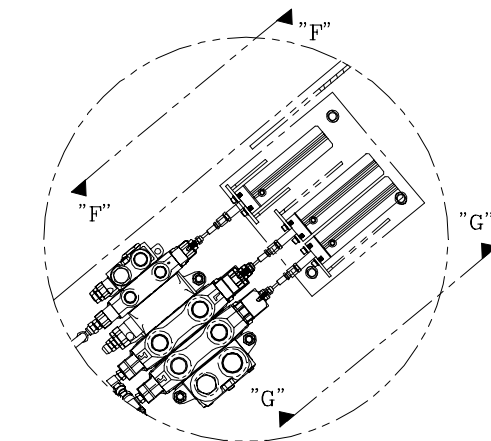
LINEAR ACTUATOR INSTALLATION NOTES:

- 1- ATTACH ITEMS 25, 26 & 27 TO EACH LINEAR ACTUATOR, BEING CAREFUL NOT TO ROTATE THE LINEAR ACTUATOR SHAFT, DOING SO WILL DAMAGE THE LINEAR ACTUATOR. TIGHTEN ITEM 27 AGAINST ITEM 25.
- 2- USING ITEMS 9 & 17, INSTALL THE LINEAR ACTUATORS ONTO THE BRACKETS SUPPLIED, DO NOT TIGHTEN THE HARDWARE AT THIS TIME.
- 3- ATTACH ITEMS 17 & 28 TO EACH HYDRAULIC VALVE.
- 4- EXTEND THE LINEAR ACTUATOR SHAFT UNTIL ITEM 28 ENGAGES ITEM 28. ROTATE ITEM 28 UNTIL THE THREAD ON ITEM 25 IS FULLY ENGAGED.
- 5- TIGHTEN ITEM 26 AGAINST ITEM 28.
- 6- MAKE SURE LINEAR ACTUATORS ARE ALIGNED WITH HYDRAULIC VALVE, USE AVAILABLE ADJUSTMENT ON BRACKETS FOR ALIGNMENT. ONCE ALIGNED, TIGHTEN THE HARDWARE (ITEM 9).
- 7- AFTER ATTACHING THE LINEAR ACTUATORS TO THE HYDRAULIC VALVE, MAKE SURE BOTH ARE FREE TO MOVE. SOME ADJUSTMENT MAY BE NECESSARY TO ALLOW THEM TO MOVE FREELY.

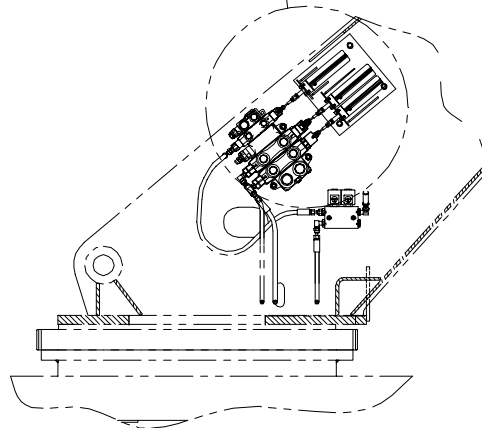
REVISIONS	
EN 98-0010-11	
EO 10/98	
NEW RELEASE	
EN 98-0011-08	
DAS 11-11-98	
A] SEE SHT 1	

DOCUMENT CONTROL STATUS:
ELECTRONIC FILE = CONTROLLED
HARD COPY = UNCONTROLLED

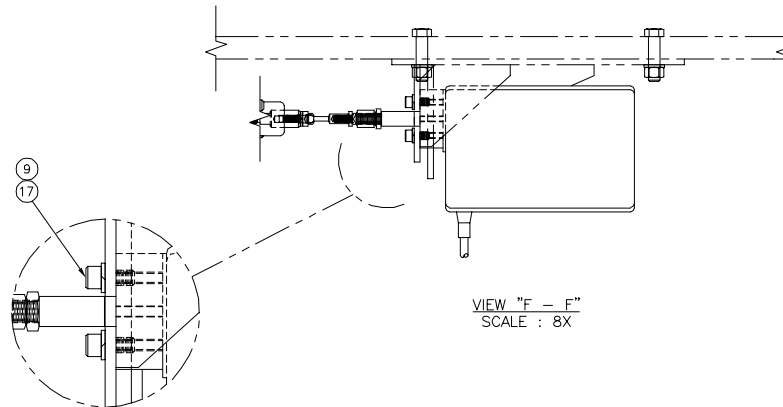
Manitowoc Boom Trucks, Inc.			
SCALE	DRAWN	CHECKED	APPROV./DATE
1/16"=1"	ED	DAS	EO 10/98
RADIO REMOTE CONTROL INSTALLATION W/OVERRIDE MODEL M38100S			
TOLERANCES (UNLESS SPECIFIED)		6000744-012	
±1/16"		SHEET	2 OF 5



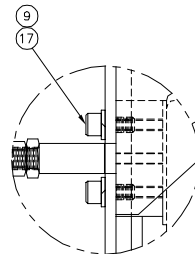
SCALE : 4X



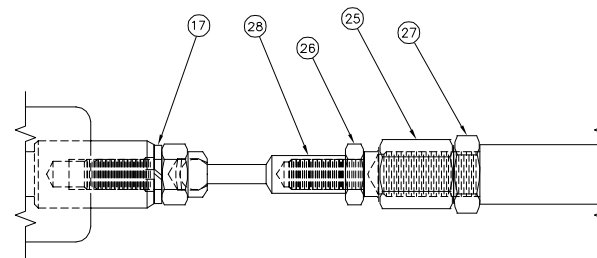
SECTION "D - D"
SCALE : 2X



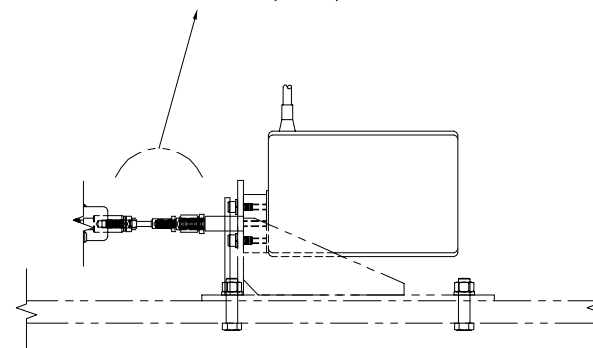
VIEW "F - F"
SCALE : 8X



SCALE : 32X
(TYPICAL)



SCALE : 32X
(TYPICAL)



VIEW "G - G"
SCALE : 8X

REVISIONS

EN 98-0010-11
EO 10/98
NEW RELEASE
EN 98-0011-08
DAS 11-11-98
A SEE SHT 1

DOCUMENT CONTROL STATUS:
ELECTRONIC FILE = CONTROLLED
HARD COPY = UNCONTROLLED

SCALE	DRAWN	CHECKED	APPROVED/DATE
1/16" = 1"	EO	DAS	EO 10/98
RADIO REMOTE CONTROL INSTALLATION W/OVERRIDE MODEL M38100S			
TOLERANCES (UNLESS SPECIFIED)		6000744-012	
±1/16"		SHEET 3 OF 5	

