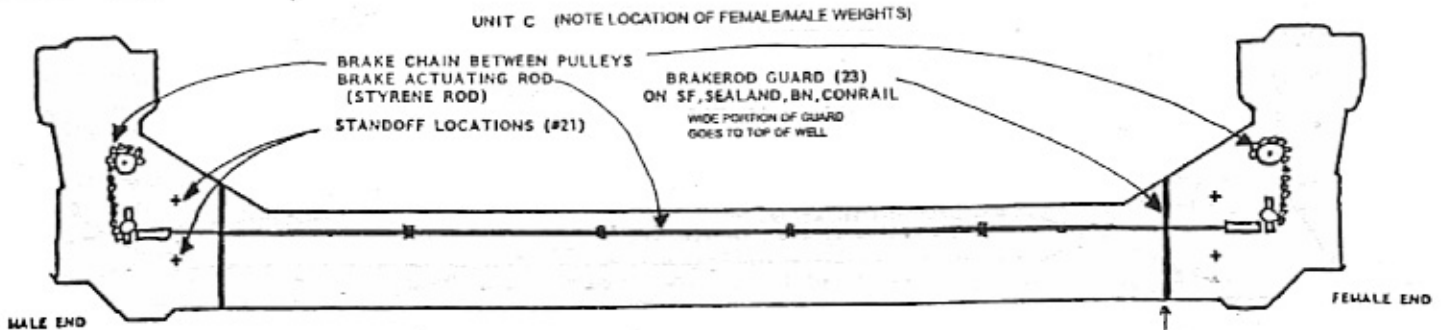
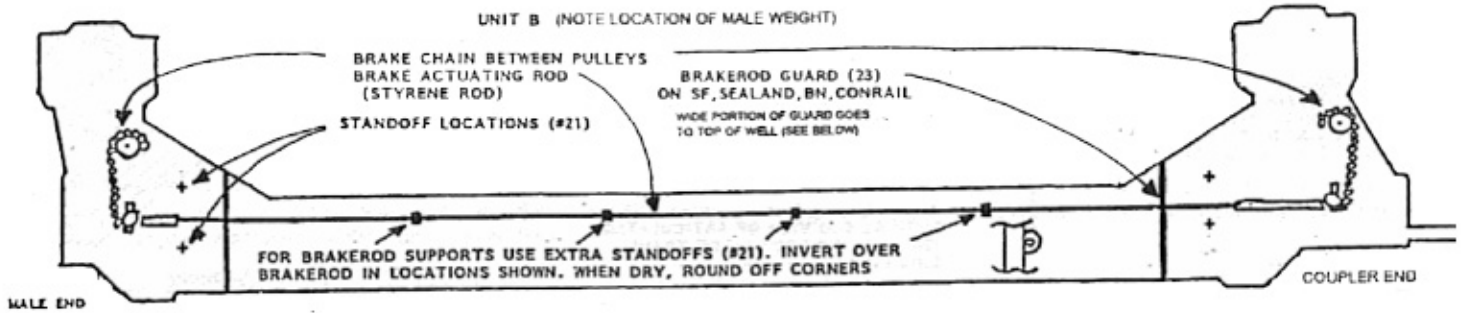
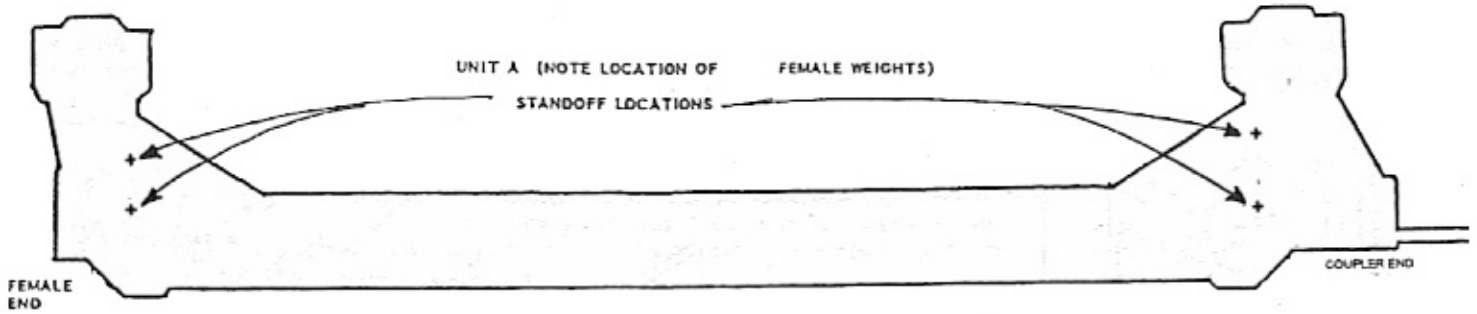
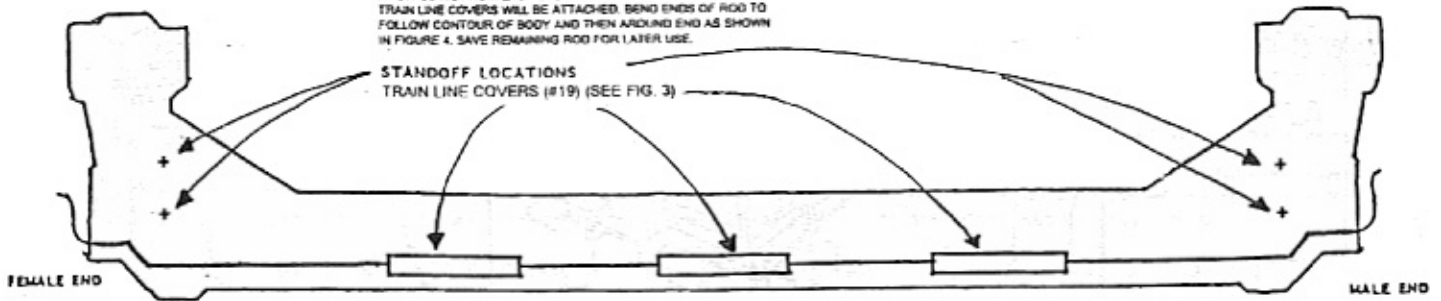
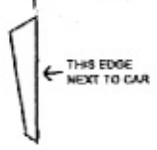


TRAIN LINE PIPING FOR INTERMEDIATE UNITS "C" AND "E"
NOTE LOCATION OF MALE/FEMALE WEIGHTS

CUT ONE 9' PIECE OF ROD. PLACE ON CAR SIDE WITH ONE INCH PROTRUDING FROM EACH END. CEMENT AT LOCATIONS WHERE TRAIN LINE COVERS WILL BE ATTACHED. BEND ENDS OF ROD TO FOLLOW CONTOUR OF BODY AND THEN AROUND END AS SHOWN IN FIGURE 4. SAVE REMAINING ROD FOR LATER USE.



AFTER TRAIN LINE PIPING AND COVERS ARE COMPLETED, IF YOU WISH TO USE THE CAR SIDE DRAWINGS AS TEMPLATES FOR THE FLIPPER ROD STANDOFF (#21) LOCATIONS, MAKE A PHOTOCOPY OF BOTH SIDES OF THIS SHEET AND CUT OUT THE DRAWINGS. BE SURE TO ORIENT EACH CAR TO THE DIAGRAMS USING THE MALE AND FEMALE WEIGHTS AS A GUIDE. CEMENT EIGHT STANDOFFS (#21) TO EACH CAR WITH THE SLOTS VERTICAL. LET DRY THOROUGHLY AND TRIM ANY FLASH. CUT THE REMAINING ROD INTO 20 PIECES (1-1/2" long). BEND FOUR PIECES TO THE SHAPE IN FIGURE 1 AND THE REMAINDER TO THE SHAPE IN FIGURE 2. FIGURE 1 SHAPES GO ON THE SIDES OF UNITS B AND C WHICH HAVE BRAKE CHAIN. FEEL THE TOP OF THE ROD UP THROUGH THE HOLES IN THE FLIPPER AND PULL THROUGH UNTIL UPPER BEND IS AT BOTTOM OF FLIPPER. CEMENT ROD TO STANDOFFS BUT NOT TO FLIPPER. TRIM FLUSH WITH FLIPPER TOP. TRIM BOTTOM TO LEAVE 1/16" OF ROD BELOW THE BOTTOM STANDOFF.



TRUCK ASSEMBLY & TUNE-UP
The trucks supplied with this kit are stock Alheim freight trucks with 33" wheels. If you prefer metal wheelsets we recommend those manufactured by Jay-Bee. Make sure that the wheelset axle points are centered in the bearing cone inside the truck sideframe. Spread-out or squeeze-in the ends of the sideframes until the axle spins freely with a minimum amount of side-to-side or up-and-down play.

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