

AHM (RIVAROSSO)

GE U25C

#38 Coupler conversion

1. Remove body from chassis by removing screws per AHM instructions. Remove sheet metal pilot steps and coupler assemblies from both ends.
2. Using a fine saw, cut .088" off the bottom of chassis at offset, on both pilot ends, as shown in Fig.1. Cut should be straight and level.
3. Assemble 30-Series Coupler, as shown in Fig.1, and install centered over existing mounting hole in bottom end of chassis. Align coupler and place tiny drops of glue on either side of draft gear box to hold in place for final assembly.
4. Make a spacer bushing from 3/32" (.093") thick with a 3/32" (.093") I.D. hole. Place between draft gear box and metal pilot step align assembly and secure with AHM screw. See Fig.1.
5. Modify both ends of the loco shell by cutting out a 5/16" wide centered opening in the dummy coupler pocket to allow for the new couplers. Cut off side tabs flush with face of the pilot as shown Fig.2.
6. Check for correct coupler height, function, and clearance and make any adjustments necessary.

Cut dummy coupler pocket opening 5/16" wide. Cut off side tabs as shown

Secure assembly with AHM screw

Sheet metal pilot step assembly

Spacer bushing 3/32" high with an I.D. of 3/32"

30-Series Coupler with no lid on top and spring on bottom

Fig.2

Cut .088" off the bottom of chassis at offset at both ends as shown here. Cut should be straight and level

Fig.1

#38 Installation

Modified loco chassis