

AHM (RIVAROSSO)

No. 5® OR #28 FRONT-BODY MOUNTED COUPLER AND #28 REAR-BODY MOUNTED COUPLER CONVERSION

1. Remove existing couplers.
2. On rear truck, cut off coupler mounting strap flush with end of truck frame.
3. Make a special shim with an offset lip for rear mount from 1/8" by 5/16" wide by 7/16" long styrene. Cut or file to shape shown in Fig.1.
4. Glue shim in place on loco centerline as shown in Fig.2. The front of the shim should be 5/16" from rear end of the loco floor.
5. After glue is dry, drill and tap a 2-56 hole, 1/4" from edge of lip. Drill through shim and floor of the loco body. Install and secure a No. 5® or #28 assembled coupler.
6. Glue a 3/32" thick by 5/16" wide by 1/2" long styrene shim to front coupler pocket. Glue with front ledge under shim and rear ledge over shim and make sure that shim is flat and level. Bottom of shim should be flush with bottom of coupler pocket frame.
7. After glue is dry, drill and tap a 2-56 threaded hole on centerline and 1/4" from front edge of shim. Install and secure assembled #28 Coupler as shown in Fig.3 using a 2-56 x 1/4" screw.
8. Check for correct coupler height, function, and clearance and make any adjustments necessary.

KRAUSS MAFFI

Make shim from 1/8" thick styrene. Cut out 5/32" by 5/64" area at front of shim. Drill and tap 2-56 hole 1/4" from front of shim.

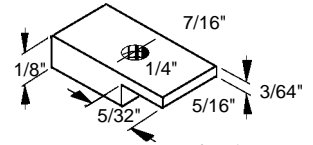
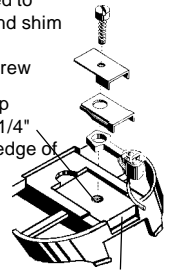


Fig.1

Shim Detail

#28 Coupler mounted to truck and shim with 2-56 screw

Drill and tap 2-56 hole, 1/4" from front edge of shim



Glue 3/32" by 5/16" wide by 1/2" long shim in place

Fig.3

Secure No. 5® or #28 coupler to rear of loco body and special shim with 2-56x 3/8" screw

See Fig.1 for special shim detail, glue shim exactly on centerline

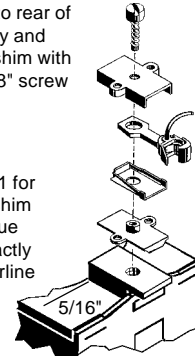


Fig.2

Rear Installation

Front Installation