



F-7 LOCOMOTIVE CONVERSION INSTRUCTIONS

These supplemental instructions are for modelers who purchased a Micro-Trains® F-7 locomotive originally equipped with Marklin® type couplers, and now wish to convert to Magne-Matic® couplers.

There are two ways to convert your Z Scale F-7 locomotives from Marklin® type couplers to Micro-Trains® Magne-Matic® couplers. First is with our **004 02 051** Conversion Kit where you simply replace the existing truck sideframes with the new **004 02 051** truck sideframes which has Magne-Matic® couplers already installed. The second method is to convert with our **002 02 020** Magne-Matic® Coupler Kit. To use this method, review the **002 02 020** instruction sheet and carefully follow the steps below.

INSTRUCTIONS

1) Remove loco shell by slipping thumb nail or small screwdriver between loco shell and chassis. Carefully snake front coupler out of pilot hole and remove loco shell. This operation is easier if locomotive is upside down. Be especially careful not to break lower pilot bar of loco shell. **2)** Holding locomotive upside down, remove two screws on bottom of truck sideframe and remove entire frame (**Fig. 1**). **3)** Remove coupler screw, draft gear lid, and Marklin® type coupler. Using Micro-Trains® **Coupler Tweezers**, install the assembled Micro-Trains® **002 02 020** Magne-Matic® knuckle and lip shank (**Fig. 1**). Using a knife blade wedged between the end coils, insert centering spring in the slot between draft gear center post and coupler ends (**Fig. 2**). Being careful not to

dislodge the spring, replace original cover and screw (**Fig. 1**). Check coupler action. If the coupler fails to snap back to center, remove cover plate and make certain centering spring didn't slip during assembly. If coupler is working properly, reinstall truck sideframe. **4)** Repeat Step 2 & 3 on second truck sideframe. **5)** Carefully fit the Magne-Matic® coupler through pilot hole in front of body shell and replace entire shell back onto chassis making sure it's properly aligned over tabs. **6)** Your F-7 locomotive is now ready to run with the finest coupler in the N and Z Scale model railroading industry—the Micro-Trains® Magne-Matic®.

