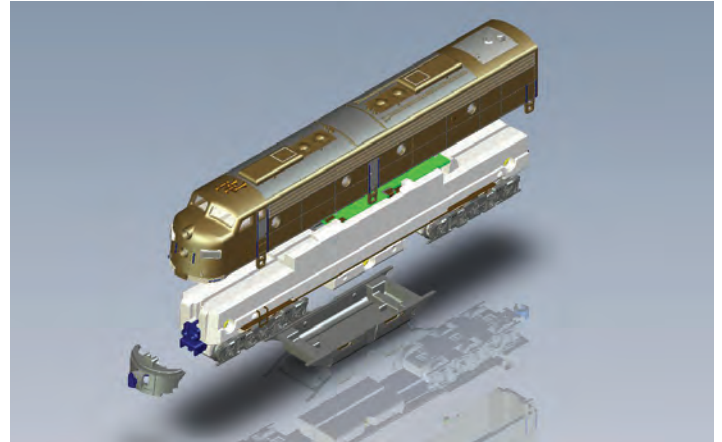


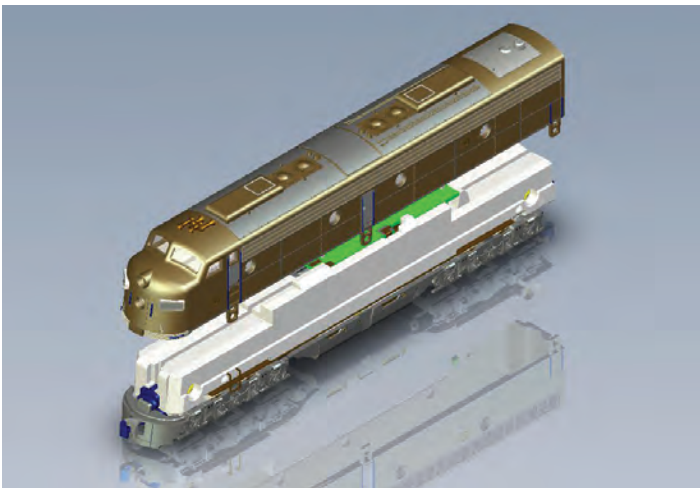
Installing Optional Front Truck In AZL E8/E9s

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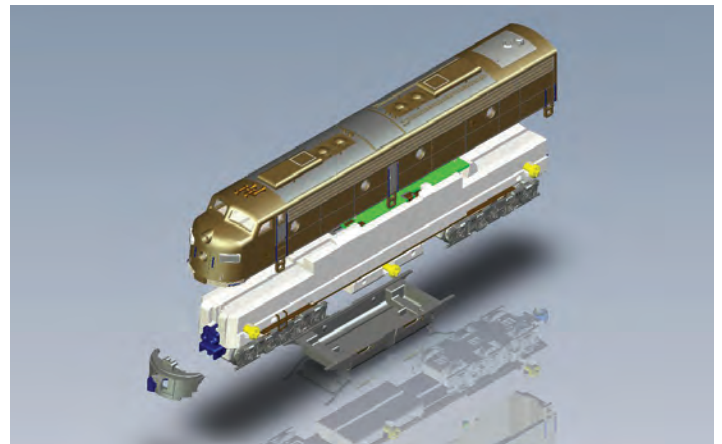
American Z Line's 2015 release of EMD E8 and E9s locomotives offer customers an option to install a truck mounted front coupler. The locomotive comes equipped with the front pilot installed. The pilot has a dummy coupler. Cosmetically, this polished look is ideal for the lead locomotive. But if you want to double head and run cars behind the cab of the locomotive, AZL is recommending replacing the truck with one that had the coupler installed. Each AZL E8/E9 comes with this optional coupler. The coupler is under the plastic insert in the AZL packaging. To install the truck, please follow the steps outlined below.



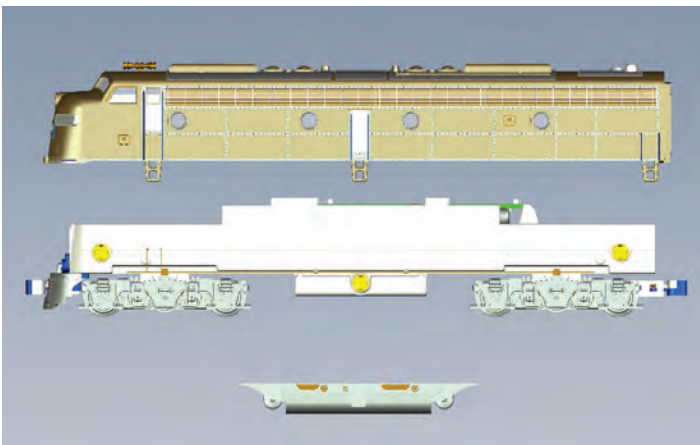
Step 3: Remove plow and coupler. The plow is held in place by two pins. Pull straight out to remove.



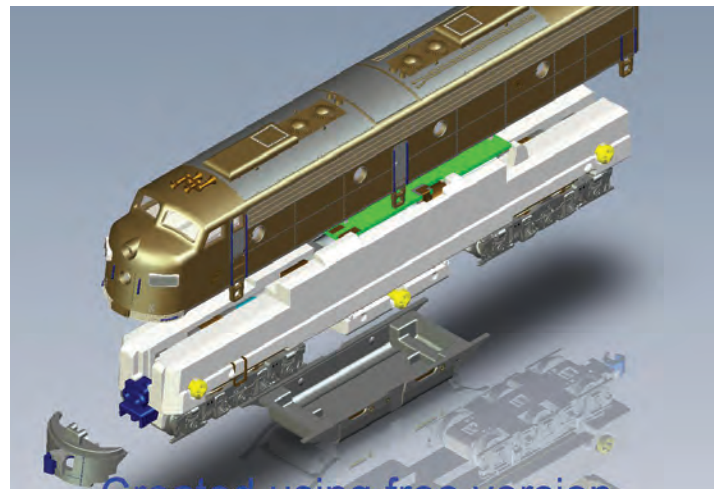
Step 1: Remove the shell. Inserting a small flat head screwdriver between the rear of the shell and chassis and prying up will make shell removal much easier. The shell is simply pressure fit on.



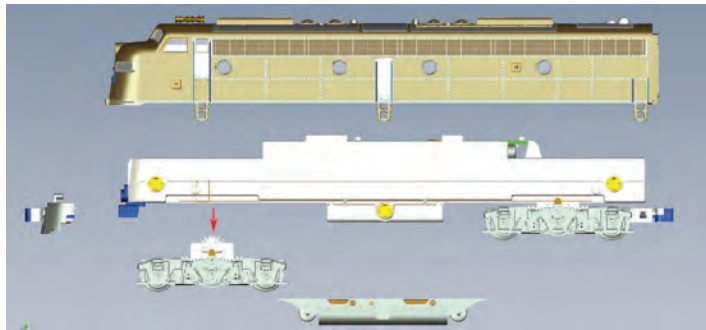
Step 4: Loosen the three screws that hold the chassis in place. Keep the screws in place.



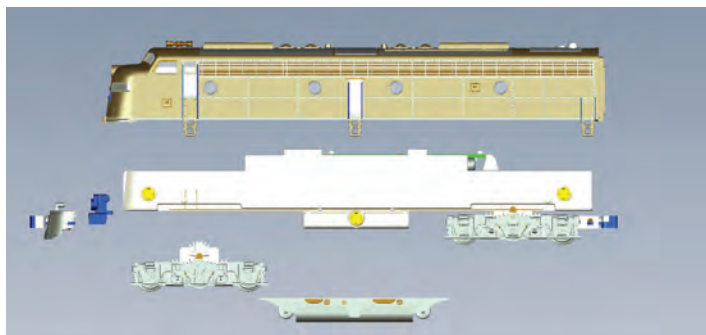
Step 2: Remove the fuel tank. The tank is pressure fit on. Pull down to remove.



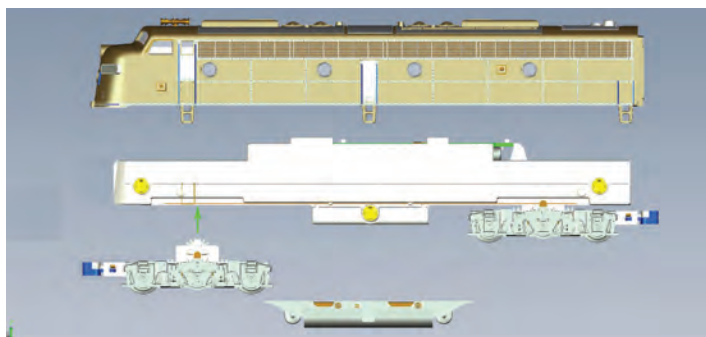
Step 5: Slightly separate the split frame. There is no need to separate completely. The goal is to unclamp the trucks from the chassis.



Step 6: With the chassis separated, remove the front truck.



Step 7: Optional step - remove pilot mount (shown in blue). This is not necessary can be left in place.



Step 8: Instal new truck with truck mounted couplers.

Step 9: Tighten three screws. Verify truck is swinging freely. Make sure not to overtighten the screws.

Step 10: Install the fuel tank. Press to instal on the chassis.

Step 11: Place the shell back on the locomotive.

Step 12: Test run to verify locomotive is running properly.

Installing DCC

The AZL EMD E8/E9 comes equipped with AZL's standard PCB. The Digitrax DZ123Z0 and TCS AZL4 are drop in boards designed to replace the AZL PCB.

To install, perform steps 1 through 4 to slightly sererate the chassis. With the chassis separated, remove the current PCB. The solder tabs on the DZ123Z0 may need filed down slightly in order to fit under the tabs on the chassis. Test fit and adjust accordingly. Once the fit is good, install the decoder, then tighten screws on the chassis, install the fuel tank, pilot and shell. Test run to verify good operations.



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