

On Track Models - Sprinter Rail Car

The Sprinter is a light diesel rail passenger vehicle, manufactured specifically to transport passengers on non-electrified lines. Twenty-two single-car railcars were ordered from A Goninan & Co, Broadmeadow NSW. Construction commenced in March 1993 with the final unit supplied in January 1995 with a driver's cab at each end it allows the vehicle to travel in either direction and may operate individually or in multiple unit sets of up to eight vehicles. Each Sprinter is powered by two air-cooled Deutz BF8L513C turbocharged V8 diesel engines. Power is transferred via a Voith T211RZ hydraulic transmission.

Packaging

Care should be taken when removing and reinserting your model so as not to damage the air horns and/or the coupler assembly on the front of the model.

Maintenance

All models are lubricated in the factory and they do not require any further lubrication when initially purchased. Lubrication of the gears should be carried out at approximately 6 month intervals, or after every 100 hours running. Only small amounts of lubricant are required as too much may cause damage to the mechanism. Lubrication requires some disassembly of the gear boxes. It is strongly recommended that only advanced modellers attempt to do so. Consult your local hobby shop for lubrication advice.

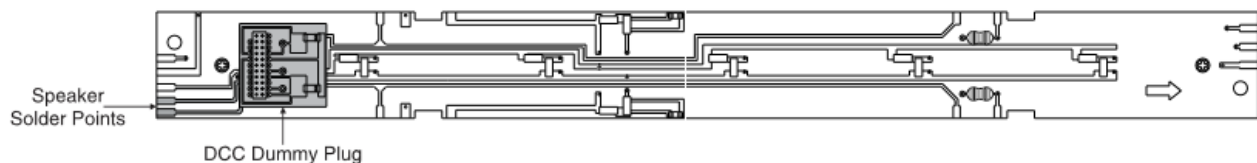
Warranty

12 months warranty against manufacturing faults and defects from the date of purchase. This warranty does not cover damage caused by mishandling, damage due to modification, or damage to any electrical parts caused by fitting a DCC decoder and running on layout without approved electronic protection.

Note - This Sprinter Rail Car does not support DC running on DCC.

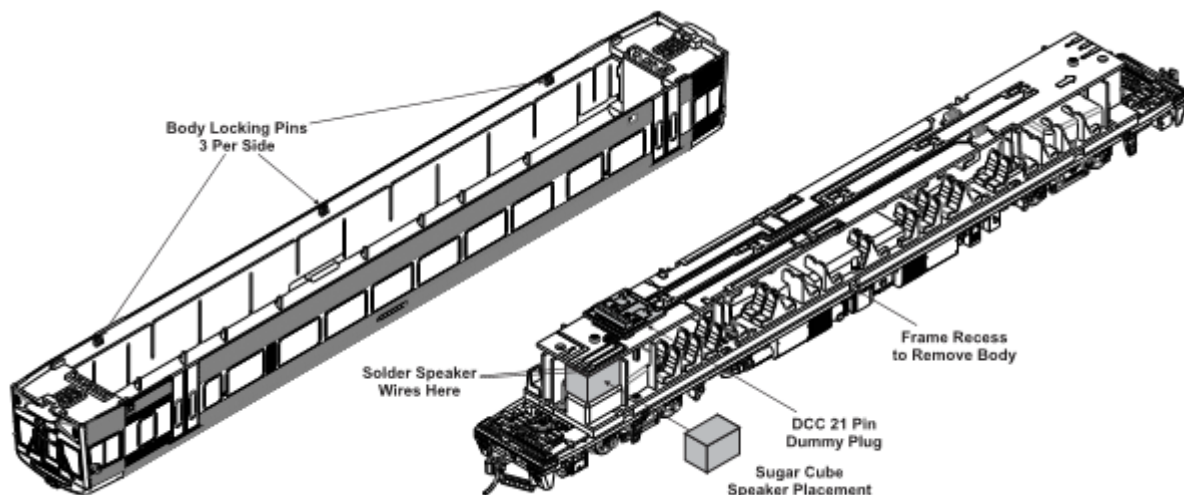
Installing DCC

Your model comes equipped with a standard 21 pin DCC socket which can be accessed by removing the body from the underframe. Gently lever the body from the small recess located in the centre of the underframe. Remove the 21 pin dummy plug and replace it with a decoder of your choice (ESU LocPilot or V4 recommended). Ensure when decoder is inserted that pins are flush.



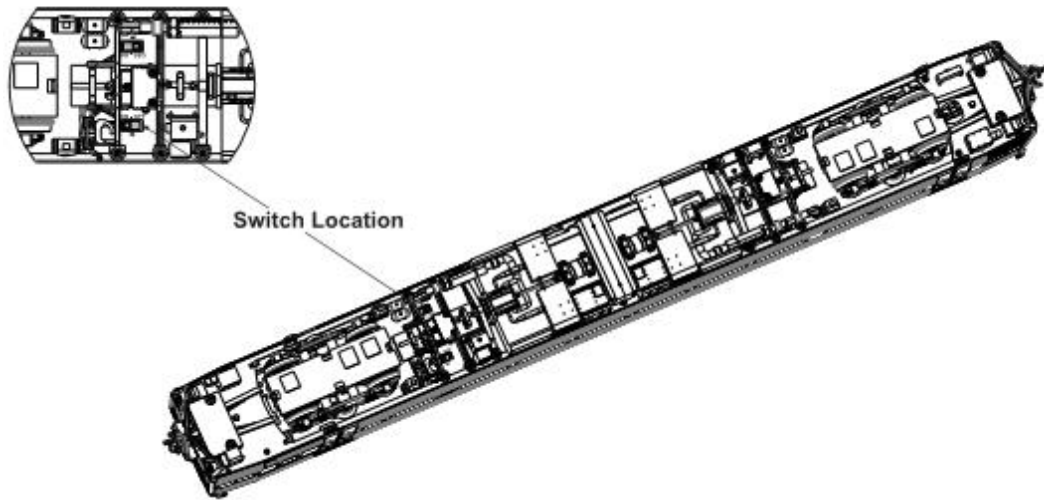
Speaker Installation

To install your choice of "sugar cube" speaker, the speaker recess is located at the 'toilet end' of the body as shown in the attached diagram. Install speaker with the wires connected to the PCB Board as shown.



Lighting Switches

Your model comes with directional lighting when operating in DC. On the underframe there are 2 switches to turn off the lighting at either end. When selected to off, all external marker, ditch, number box and headlight will extinguish for the end selected. The arrow points to the end which the switch operates. When DCC is installed you can alter the lighting function from your controller.



Changing coupler

The Sprinter model is fitted with a non-functioning Scharfenberg coupler. Genuine Kadee No.5 Couplers can be fitted to couple multiple cars together. Exchanging these couplers is easy to do and just requires a small phillips head screw driver.

