

General Information – D&RGW C-19 Electric



Thank you for selecting ACCUCRAFT TRAINS for your large scale modeling. Depending on your purchase, your selection is an accurate scale model of the Denver & Rio Grande C-19 2-8-0 locomotive. Your ACCUCRAFT model is crafted in brass and is a precision piece of equipment. As with all fine equipment your locomotive must be properly maintained and cared for.

The “C-19” is one of the most famous narrow gauge locomotives of the Far West. For decades, the highly successful 2-8-0 Consolidation Class was the “standard motive power” of the narrow gauge railroad.

Every version of the “C-19” is built to exact standards from meticulously researched plans and prototype measurements. All models are entirely constructed with brass and stainless steel. A Pittman gearhead motor is used to power this model. Its gears are fabricated from steel. Each “C-19” is meticulously detailed and lettered to a museum-quality finish.

Total production is very limited and each has been labeled with a serial number on the bottom of the locomotive.

Technical Specifications:

Accucraft scale couplers are compatible with Kadee #835 couplers.

Scale/Gauge:	1/20.3, 45 mm Gauge
Total Weight:	7.2 Kg, 17 lbs.
Length:	746 mm, 34 ins.
Width:	118 mm, 6 ins.
Height:	182 mm, 8 ins.
Driver Wheels:	Dia. 45 mm, 1.8 ins.
Minimum Radius:	0.76 M, 48 ins.
Power:	0v-24v DC Pittman Gearhead Motor
Features:	Constant Lighting Sound Ready

The following parts are packaged separately:

- M3 hex head screws
- 3mm hex head screw driver
- Whistle pull cord

Caution!

This model is an accurate replica of the original locomotive. It has sharp moving parts. The locomotive drive rods are stainless steel with sharp edges.

AT ANY TIME, OPERATORS MUST NOT COME IN CONTACT WITH THE MODEL WHILE IT IS POWERED. UNDER NO CIRCUMSTANCES SHALL ACCUCRAFT TRAINS BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING IN REGARD TO ANY ACCUCRAFT PRODUCT.

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Tools you will need for maintenance

- 1.5 mm allen wrench (Included)
- 3 mm hex wrench (Included)
- Flat head screw driver (Not Included)

Lubrication

Lubricants: always use quality lubricants!

Light oil such as Labelle #108 or What Clipper Oil. Heavy lubricant such as Labelle #102 heavy gear oil or Labelle grease.

Prepare the engine for lubrication by placing the model gently on the work surface. To protect the locomotive finish, place the engine on a piece of foam sheet or soft towel. The engine should be placed on its side. Be careful to keep the lubricant off of the painted surfaces, as this can leave a shiny appearance on the area it touches.

1. First lube the bearings on the driver journals with a small amount of light lube oil. The oil is easily applied with a wood toothpick.
2. Next lube the U-Joints with heavy lube oil and tender journals with light machine oil.
3. Next lube the CRANK SHAFT JOURNALS, MAIN ROD BEARINGS AND CROSSHEAD with light machine oil.

4. THE MAIN GEAR BOX IS FULLY LUBRICATED AT THE FACTORY. NO LUBRICATION IS NECESSARY WHEN YOU RECEIVE YOUR MODEL. To lube the main gear box, remove the cover of the gear box carefully (make sure you familiarize yourself with the position of all parts). Place the screws in a small container to prevent losing them. Grease the gearing and shaft bearings generously. Replace the cover exactly the way it was when you started.

It is a good idea to wipe off all excess light oil when you complete the lubrication process.

You have now completed the lubrication of your Accucraft "Consolidation".

THIS LUBRICATION SHOULD BE REPEATED AFTER EVERY 25 HOURS OF OPERATION!



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After following the recommended lubrication procedures, your "C-19" is ready to provide many years of reliable operation. We recommend that you use a D.C power supply with a capacity of 2.5 amps or larger. Always pick your model up by grasping it under the frame on both ends. It is a very heavy model so make sure that you grasp it firmly.

- *Sound Installation*

Phoenix and Sierra provide sound units for this model. Please contact them for installation directions. The C-19 tender has a speaker opening that will fit a 3" speaker.

Sound Installation (not included)

- *General maintenance*

Clean the exterior surfaces of your locomotive with a clean, soft and lint free cloth. To remove stubborn soil or greasy spots from the painted surfaces use alcohol on a soft, lint free cloth.