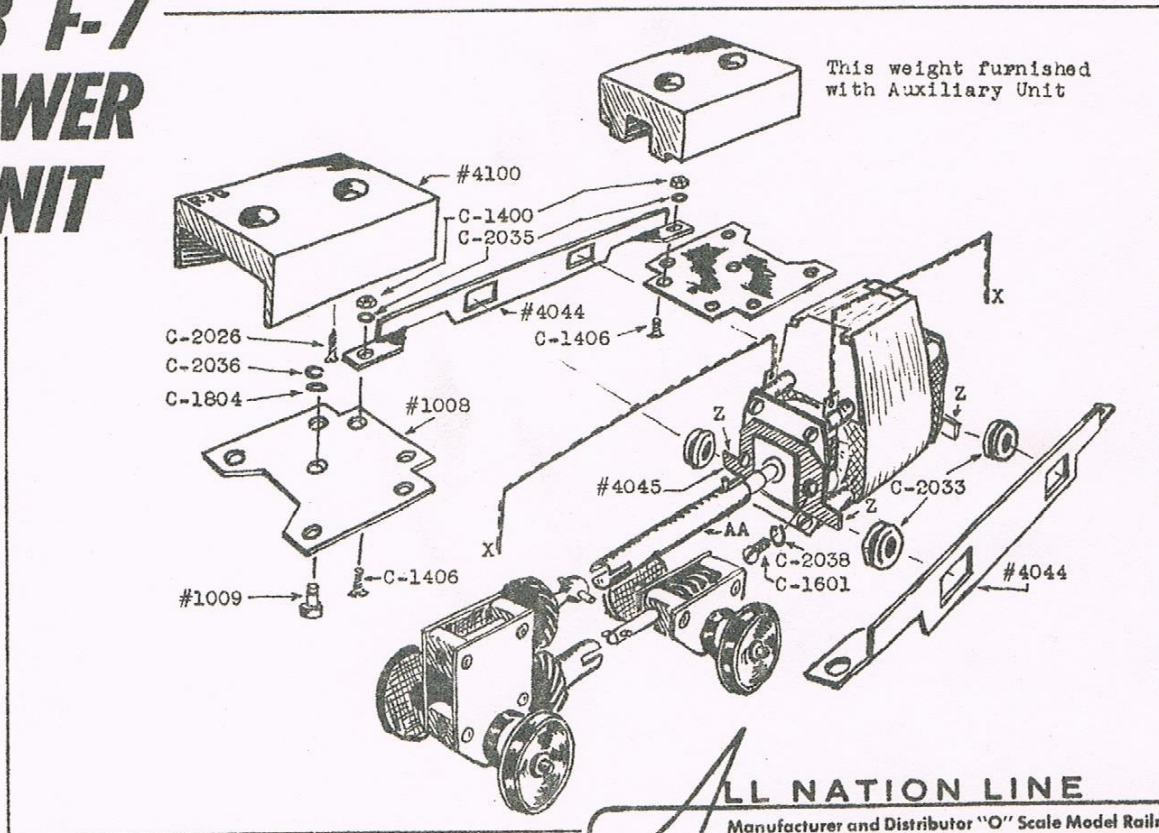


# THE ALL-NATION LINE...

## F-3 F-7 POWER UNIT



### INSTRUCTIONS

Please read **CAREFULLY** before construction

- (1) Assemble the 'Constant Torque' transmission by following the F-3 F-7 GP-7 truck instructions furnished with the Diesel kit, with the following exception. Substituting the transmission in place of the 40" wheels and then following the remainder of the truck assembly as per instruction.
- (2) Mount the motor brackets #4045 to motor, by using screws #C-1601, and lock washers #C-2038.
- (3) Mount rubber grommets #C-2033 into motor frame #4044 and place onto lugs (Z) of motor brackets #4045 as shown.
- (4) Mount the above assembly to the floor plates #1008 with screws #C-1406, lock washers #C-2035 and nuts #1400, in holes as shown in drawing.
- (5) Place your truck assembly into floor plate #1008 (supplied with Diesel kit) temporarily with the kingpin #1009 into hole as shown. Proceed with making the Ball Joint Coupling (AA) as per instruction enclosed with kit. When finished, mount permanently with washer #C-1804 and 'C' washer #C-2036.
- (6) If mounting an Auxiliary power unit, follow instructions #1 and #5.
- (7) Attach wires as shown with the (X) being the 'C' clip #C-2032 on the truck assemblies by soldering. DO NOT solder on transmission.
- (8) Grease the gears, oil the bearings and suggest that you run it in before installing into Diesel body.
- (9) Mount the weights through the roof and screw same with #C-2026 self-tapping screws to the lugs on the inside of the Diesel side. Now mount the roof.
- (10) You may now install the power assembly into the body by using #C-1402 screws, furnished with Diesel kit and as shown in Diesel instructions.

ALL NATION LINE

Manufacturer and Distributor "O" Scale Model Railroad  
23 W 546 ST. CHARLES ROAD  
WHEATON, ILLINOIS 60187

### PARTS LIST

#### POWER UNIT #9025

- 1 Motor (single or double shaft DC)
- 1 'Constant Torque' Transmission
- 2 #4044 Motor frame
  
- 1 #4100 Weight
- 1 #1905 — #20 x 10" wire
- 1 #2486 Accessories
- 1 Instructions

#### #2486 ACCESSORIES

- 4 #C-1400 — 4-40 nuts
- 4 #C-1406 — 4-40 x 3/8" flat head
- 4 #C-1601 — 6-32 x 3/8" round head
- 2 #C-2026 — #4 x 1/4 flat head S.T.
- 4 #C-2033 rubber grommets
- 4 #C-2035 — #6 Internal lockwashers
- 4 #C-2038 — #6 Split lockwashers
- 2 #4045 Motor brackets

#### AUXILIARY UNIT #9026

- 1 'Constant Torque' Transmission
- 1 #4100 Weight
- 1 #4093 Ball Joint Coupling
- 2 #C-2026 — #4 x 1/4 flat head S.T.