

F40PH

EMD F40PH Later Phases

Following on the success of our HO scale Amtrak Phase 1 models, Rapido Trains Inc. is pleased to announce the Phase 2 Amtrak F40PH in HO scale. Our model has been scaled from original Amtrak and EMD blueprints and has been designed with the help of F40PH fans and current members of the Amtrak team who are themselves model railroaders. Customers can thus rest assured that the locomotive is dimensionally accurate from nose to tail.

Amtrak's second F40PH order incorporated several changes to the original Phase 1 design. Phase 2a and 2b units (230-279, 280-328) received larger 1800-gallon fuel tanks mounted toward the front of the frame. The air reservoirs were shifted toward the rear and to the engineer's side, while the battery boxes were located on the fireman's side. Newer and wider Nathan K5LA horns were specified, requiring a wider horn notch on the cab roof. Units 280-328 (termed Phase 2b) had four vertical ribs at the rear of each side.

When new EPA regulations took effect in 1980, the radiator fans were replaced by quieter Q-fans creating the Phase 3 version of the F40PH. Phase 3 F40s share other spotting features with the Phase 2b F40. Many Phase 3 units were built for commuter agencies as well, but without dynamic brakes.

Amtrak's F40PH units were eventually fitted with nose ditch lights. Around the same time the cab side steps and door were modified. Several F40PH units were sold to second-hand owners for use in regional and tourist services.

Rapido will offer both versions of the Phase 2b – original and ditch light-equipped with modified cab details – as well as a non-dynamic brake Phase 3 commuter unit.



Prototype photo from collection of Matt Donnelly



Our new HO scale F40PH models continue the unprecedented level of detail offered on our Phase 1 F40PH model.

- Correct body and era-specific details for each model
- Extensive, separate underbody piping, conduit and wire grab irons
- Working head lights, backup light, strobe and marker lights
- Working ditch lights where appropriate
- Separate, factory-applied wire grab irons
- See-through, etched-metal radiator grills and dynamic brake grills
- Full cab interior painted in correct colors
- Scaled from original blueprints to ensure accurate dimensions
- Accurate fuel tank profile and exhaust silencer
- Sound-equipped models feature a custom ESU LokSound V5 decoder
- Will operate smoothly on DC and DCC layouts
- Rapido's improved 5-pole, skew-wound motor and silky-smooth drive

Order Deadline November 16, 2020

Expected Early 2021

F40PH Phase 2b (Original)



Amtrak - Phase II

Road #	DC/Silent	Quantity	DCC/Sound	Quantity
280	83100	<input type="text"/>	83600	<input type="text"/>
284	83101	<input type="text"/>	83601	<input type="text"/>
289	83102	<input type="text"/>	83602	<input type="text"/>



Amtrak - Phase III

Road #	DC/Silent	Quantity	DCC/Sound	Quantity
288	83103	<input type="text"/>	83603	<input type="text"/>
300	83104	<input type="text"/>	83604	<input type="text"/>
309	83105	<input type="text"/>	83605	<input type="text"/>
317	83106	<input type="text"/>	83606	<input type="text"/>



Undecorated (Phase 2b, no Ditch Lights)

Road #	DC/Silent	Quantity	DCC/Sound	Quantity
N/A	83129	<input type="text"/>	83629	<input type="text"/>

DCC/Sound - US \$335.00/ CDN \$360.00

DC/Silent - US \$225.00 / CDN \$250.00



CANADA: 500 ALDEN ROAD • UNIT 21 • MARKHAM • ONTARIO • L3R 5H5
USA: PO BOX 796 • HIGGANUM • CONNECTICUT • 06441
Tel. 905.474.3314. Fax. 905.474.3325. Visit. www.rapidotrains.com

DEALER NAME & NUMBER

F40PH

F40PH Phase 2b (with Ditch Lights)



Amtrak - Phase III w/ Ditch Lights

Road #	DC/Silent	Quantity	DCC/Sound	Quantity
291	83107	<input type="text"/>	83607	<input type="text"/>
310	83108	<input type="text"/>	83608	<input type="text"/>
322	83109	<input type="text"/>	83609	<input type="text"/>
323	83110	<input type="text"/>	83610	<input type="text"/>



Montreal AMT

Road #	DC/Silent	Quantity	DCC/Sound	Quantity
271	83116	<input type="text"/>	83616	<input type="text"/>
274	83117	<input type="text"/>	83617	<input type="text"/>
310	83118	<input type="text"/>	83618	<input type="text"/>



Rio Grande Ski Train

Road #	DC/Silent	Quantity	DCC/Sound	Quantity
242	83111	<input type="text"/>	83611	<input type="text"/>
283	83112	<input type="text"/>	83612	<input type="text"/>
289	83113	<input type="text"/>	83613	<input type="text"/>



Agawa Canyon Tour Train (Algoma Central)

Road #	DC/Silent	Quantity	DCC/Sound	Quantity
105	83114	<input type="text"/>	83614	<input type="text"/>
106	83115	<input type="text"/>	83615	<input type="text"/>

Virginia Railway Express

Road #	DC/Silent	Quantity	DCC/Sound	Quantity
V35	83121	<input type="text"/>	83621	<input type="text"/>
V36	83122	<input type="text"/>	83622	<input type="text"/>

Undecorated (Phase 2b w/ Ditch Lights)

Road #	DC/Silent	Quantity	DCC/Sound	Quantity
N/A	83130	<input type="text"/>	83630	<input type="text"/>

Commuter F40PH Phase 3 (without Dynamic Brakes)



Massachusetts Bay Transit Authority

Road #	DC/Silent	Quantity	DCC/Sound	Quantity
1013	83123	<input type="text"/>	83623	<input type="text"/>
1014	83124	<input type="text"/>	83624	<input type="text"/>
1016	83125	<input type="text"/>	83625	<input type="text"/>

New Jersey Transit*

Road #	DC/Silent	Quantity	DCC/Sound	Quantity
4113	83126	<input type="text"/>	83626	<input type="text"/>
4120	83127	<input type="text"/>	83627	<input type="text"/>
4121	83128	<input type="text"/>	83638	<input type="text"/>

Undecorated (Phase 3, no DB)

Road #	DC/Silent	Quantity	DCC/Sound	Quantity
N/A	83131	<input type="text"/>	83631	<input type="text"/>

*Subject to NJ TRANSIT licence agreement. Graphics and artwork may change depending on NJ TRANSIT feedback

Order Deadline November 15, 2020