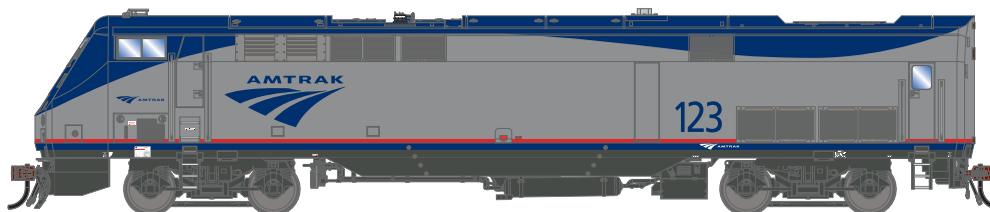


## Amtrak



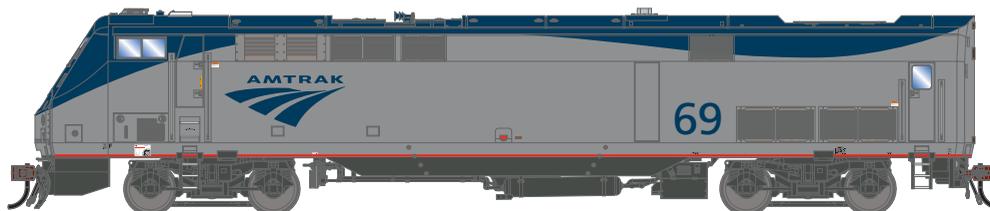
Era: Early 2000s+

P42DC, AMTK Phase V 'Low Wave' #123  
 P42DC, AMTK Phase V 'Low Wave' #141  
 P42DC, AMTK Phase V 'Low Wave' #162

<b>without Sound</b>	<b>with Sound</b>
ATHG-1675	ATHG-1693
ATHG-1676	ATHG-1694
ATHG-1677	ATHG-1695

**AMTK FEATURES:**

- Phase V "Low Wave" scheme - First time in Genesis! First time available in over 20 years!
- Correct lighter shade of blue as used on these units
- Large and small Sinclair antennas
- As-built air dryer guards



Era: Mid-2010s+

P42DC, AMTK Phase V #69  
 P42DC, AMTK Phase V #142  
 P42DC, AMTK Phase V #144  
 P42DC, AMTK Phase V #201

<b>without Sound</b>	<b>with Sound</b>
ATHG-1678	ATHG-1696
ATHG-1679	ATHG-1697
ATHG-1680	ATHG-1698
ATHG-1681	ATHG-1699

**AMTK FEATURES:**

- Back by customer request - Phase V scheme with a variety of antenna configurations
- Angled air dryer guards

Phase V was the standard paint scheme for Amtrak Locomotives from 2000 until 2022, when it was replaced by Phase VII. Early repaints had a lighter shade of blue, as well as a blue sill stripe and small Travelmark logos on the cab and sill.

**ROAD NUMBER SPECIFIC FEATURES:**

- #69 PTC antenna farm with "box" platform
- #123 As-built antenna configuration
- #141 As-built antenna configuration
- #142 PTC antenna farm
- #144 PTC antenna farm
- #162 As-built antenna configuration
- #201 PTC antenna farm, alternate number board color

"Check out the Athearn website for images of each road number."



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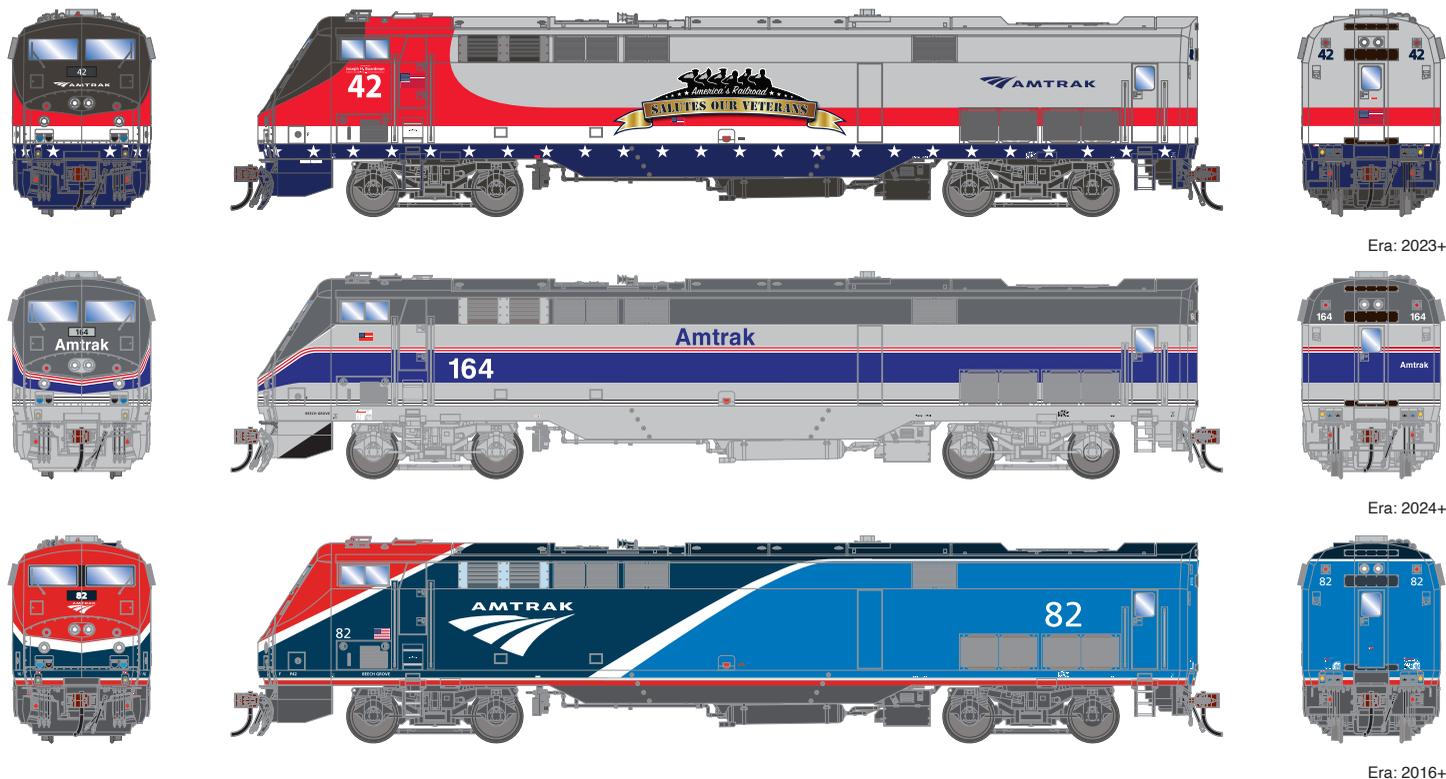
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## Amtrak



Era: 2023+

Era: 2024+

Era: 2016+

P42DC, AMTK 'Veterans' #42

P42DC, AMTK Phase IV 'Heritage' #164

P42DC, AMTK Phase VII #82

P42DC, AMTK Phase VII #174

**without Sound**

ATHG-1666

ATHG-1674

ATHG-1682

ATHG-1683

**with Sound**

ATHG-1684

ATHG-1692

ATHG-1700

ATHG-1701

**AMTK FEATURES:**

- First time for Phase IV heritage #164 in Genesis
- First time in HO! Phase VII units #82 and #174
- Return of the popular #42 veterans unit

Amtrak has painted several special locomotives over the years to commemorate its 40th and 50th anniversaries, as well as saluting America's veterans.

Amtrak recently started painting P42s into the Phase VII scheme; 82 and 174 are the only two units that have been painted as of this writing, although more units will get this scheme eventually.

**ROAD NUMBER SPECIFIC FEATURES:**

- **#164** Phase IV heritage
- **#82** Phase VII
- **#174** Phase VII
- **#42** Veterans (Campaign ribbons are being omitted because of Trademark)

"Check out the Athearn website for images of each road number."



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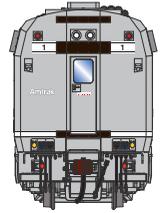
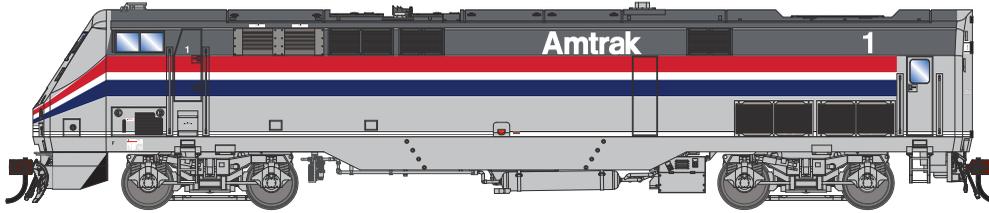
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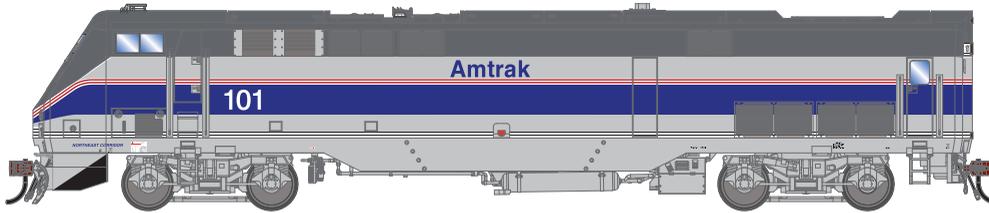


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## Amtrak



Era: Mid-1990s+



Era: Late-1990s+

	without Sound	with Sound
P42DC, AMTK Phase III #1	ATHG-1667	ATHG-1685
P42DC, AMTK Phase III #9	ATHG-1668	ATHG-1686
P42DC, AMTK Phase III #23	ATHG-1669	ATHG-1687
P42DC, AMTK Phase III #78	ATHG-1670	ATHG-1688
P42DC, AMTK Phase IV 'NEC' #101	ATHG-1671	ATHG-1689
P42DC, AMTK Phase IV 'NEC' #105	ATHG-1672	ATHG-1690
P42DC, AMTK Phase IV 'NEC' #111	ATHG-1673	ATHG-1691

### AMTK FEATURES:

- As-built nose configuration
- 5-Chime forward facing horn
- Antenna arrangement per road number
- Front and rear marker lights
- Amtrak approved artwork

By 1996, production of the P40DC was replaced by the P42DC. Amtrak took delivery of over 200 units and placed them in service to ultimately replace the aging and tired EMD F40 fleet. Horsepower was increased from 4000 to 4250. Many P40DC's were upgraded to P42DC standards by the late 2000's. Several units were painted in a special version of the Phase IV scheme with a dark grey roof, and assigned to service on the Northeast Corridor.

### ROAD NUMBER SPECIFIC FEATURES:

- #1 As-delivered Phase III scheme
- #9 As-delivered Phase III scheme
- #23 As-delivered Phase III scheme
- #78 As-delivered Phase III scheme
- #101 Phase IV Northeast Corridor scheme
- #105 Phase IV Northeast Corridor scheme
- #111 Phase IV Northeast Corridor scheme

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## All Road Names

### SOUND-EQUIPPED MODELS ALSO FEATURE

- Onboard DCC decoder with SoundTraxx Tsunami2 sound
- Equipped with dual round speakers
- Sound units operate in both DC and DCC
- Full DCC functions available when operated in DCC mode
- Engine, horn, and bell sounds work in DC
- All functions NMRA compatible in DCC mode
- Precision slow speed control
- Program a multiple unit (MU) lashup with lead unit only horn, bell, and lights
- Many functions can be altered via Configuration Value (CV) changes
- CV chart included in the box

### PROTOTYPE SPECIFIC INFORMATION

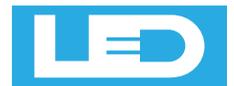
The General Electric P40DC/P42DC, also known as the Genesis, is the current primary passenger locomotive of Amtrak. The original P40DC's produced 4000 HP and their upgraded successor the P42DC were rated for 4250 HP while both having a top speed of 100 mph, these units are seen nationwide on short and long-distance trains. The originally delivered P40DC units were equipped with two unique features; an additional rear window, known as a "hostler's window" allowed the locomotive to be operated from the rear of the locomotive, and a light package on the nose, above the front window, which included two Xenon strobes and a central red light that would illuminate when the train went into "emergency." Both the light package and hostler's window were removed as these units were shopped during their life and subsequent orders did not include these features. Flashing ditch lights replaced the Xenon strobes on later units, but on the strobe equipped units, the ditch lights did not flash. Equipped with marker lights on each end, the units are also seen in service on push-pull trains. Amtrak originally rostered 208 of the units, numbered from 1-207.

These highly-detailed models will finally answer one of our top customer requests for a Genesis Genesis. Highlights include a detailed cab interior complete with all of the appropriate controls and seats. A wealth of underbody detail includes piping, air filters, air dryer, and complete pilot detail. The models also feature prototype-specific details for Amtrak and Via Rail Canada. Amtrak units are available with either the as-built or the rebuilt (bolted-on) nose. They also feature several different styles of antenna arrays, ranging from the simple as-built appearance to the complex arrangement of the Illinois service units. Via Rail units feature the unique nose-mounted spotlight as well as prototypical standard and emergency horn sets.

All versions feature the operational, light, and sound features that have come to be expected from Genesis. Under the hood, the proven Genesis motor and a massive die-case frame combine to provide ample tractive effort. LED headlights, ditch lights, and marker lights are all provided. On the DCC/sound equipped versions, the ditch lights will alternate when the horn is activated, and the marker lights are independently-controlled and directional. Finally, A Soundtraxx Tsunami2 sound decoder and dual speakers provide our model with high-quality sound.

### P40DC/P42DC SERIES LOCOMOTIVE FEATURES:

- Officially licensed product of Amtrak® (Amtrak-painted units)
- 4 different nose variations: Amtrak as-built with strobes, Amtrak as-built without strobes, Amtrak rebuilt, and Via
- Operating marker lights front and rear on Tsunami2 equipped models
- Rear marker lights installed, but not connected on DCC Ready models
- Newly-tooled lit number boards
- Flashing strobe light and "Big-Hole" emergency light on equipped Amtrak units (Operational on DCC only)
- Flexible rubber MU hoses
- Flexible rubber trainline hose
- Separately applied wire handrails
- Exhaust stack
- Photo-etched metal radiator fan grille
- Highly-detailed underframe including air tanks with air lines, air filter, and air dryer with two different types of rock shields
- McHenry® scale knuckle couplers - Kadee® compatible
- DCC-ready features Quick Plug™ plug-and-play technology with 21-pin NEM connector
- Genesis driveline with 5-pole skew wound motor, precision machined flywheels, and multi-link drivetrain
- All-wheel drive with precision gears for smooth & quiet operation
- All-wheel electrical pickup provides reliable current flow
- Wheels with RP25 contours operate on all popular brands of track
- LED lighting including operating ditch lights and red marker lights
- Completely-redesigned die-cast frame for superior tractive effort
- Scaled from prototype resources including drawings, field measurements, photographs, and more
- Accurately-painted and -printed paint schemes
- Fully-assembled and ready-to-run
- Packaging securely holds model for safe storage
- Minimum radius: 18" — Recommended radius: 22"



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