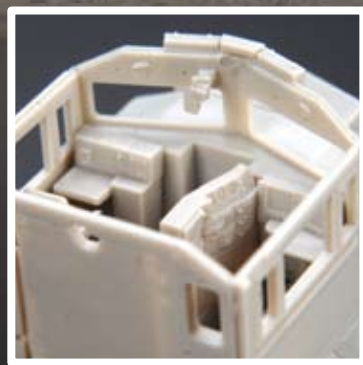


# The Ultimate SD70ACe



CAB VIDEO CAMERA



FULL CAB INTERIOR



SEE-THROUGH GRILLES



FUEL TANKS WITH SINGLE OR DUAL FILLERS



MU HOSES, COUPLER LIFT BARS AND TRAIN LINE AIR HOSES



PRIME OR SALEM AIR FILTERS



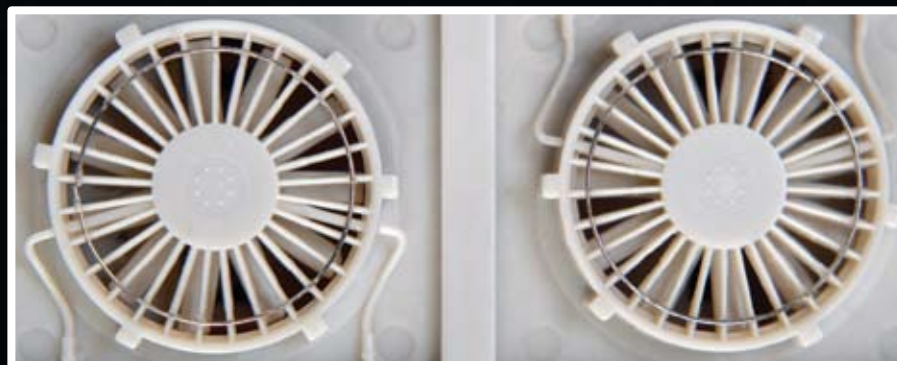
LATE BRAKEWHEEL AND HOUSING



EARLY BRAKEWHEEL AND HOUSING



ACCURATELY SCALED LIGHTED DITCH LIGHTS



ACCURATE FAN DETAIL



DYNAMIC BRAKE DETAIL

## CONTEMPORARY CLASSIC TO SHOWSTOPPING MODEL

In order to meet the stricter diesel locomotive standards imposed by the EPA Tier II regulations, EMD modified the SD70MAC and created the SD70ACe. The SD70ACe is powered by a 16 cylinder, 710G3C-T2 diesel engine, producing 4,300 horsepower. The engine drives an alternator producing AC current that is rectified to DC current and then "chopped" back into AC to power the traction motors. The engine and electrical system are similar to the SD70MAC, but updated with newer technology. Much of the external design is based on the SD90 series locomotives. Some of these features include the full height nose door and rectangular windshields, the large flared radiators with two fans, and the positioning of the dynamic brake equipment at the rear of the long hood. In addition, the inverters were moved from inside the long hood to a box on the walkway behind the cab. Four demonstrator locomotives were built in 2003, followed by 20 pre-production units for CSX in 2004. Full production started in 2005 and through 2009, 820 SD70ACe's have been built for the US and Mexico. Nine more were exported to Venezuela and 46 built for BHP Billiton's iron ore operation in Pilbara, Australia. In addition 10 units from BNSF's 2008 order were diverted to BHP. Union Pacific painted six units in paint schemes commemorating the six railroads that were merged into UP in the 1980's and 1990's and renumbered them for the year of the mergers.

ROAD	NUMBERS	QTY	ORDER NUMBER	BUILD DATES	ROAD	NUMBERS	QTY	ORDER NUMBER	BUILD DATES
EMD	GM70-GM73*	4	20026404	4/04-5/03	UP	8521-8620	100	20056753	2/07-7/07
CSXT	4831-4850	20	20036520	4/04-9/04	BNSF	9330-9369	40	20056766	8/06-10/06
UP	8309-8423	115	20046610	1/05-7/05	KCS	4030-4059	30	20066856	8/07-9/07
KCS	4000-4029	30	20046620	11/05-1/06	KCSM	4060-4099	40	20066886	
MRL	4300-4315	16	20046621	5/05-7/05	BNSF	9130-9329	200	20066862	11/07-9/08
FXE	4000-4014	15	20048602	5/06-6/06	KCS	4100-4129	30	20066887	1/08-4/08
UP	8424-8523	100	20056723	5/06-8/06	UP	8621-8670	50	20066888	5/08-9/08
BNSF	9370-9399	30	20056729	2/06-4/06					

\*GM70, GM72, and GM73 were sold to KCS as 3997-3999.

To replicate all of the details of the full-scale unit into a 1/87-scale model, Genesis invested thousands of hours of research, design and care into creating the model you can't live without. Some of those features are a fully detailed cab interior, front and rear anticlimbers, operating scale ditch lights, safety tread on the walkways, see-through grilles on the radiator and dynamics with fine-etched stainless steel screen. On the end of the long hood, we used a pair of etched grilles to replicate the auxiliary air intakes on the rear entry door. We even crafted a corrugated etched screen to replicate the grille covering the air compressor intake on the conductor's side of the long hood rear. And our angled radiator intakes aren't see-through to match the prototype. We also included all-new HTCR-4 Radial and HTSC-2 truck sideframes with finely-rendered bearing cap detail, separate brake cylinders, separate shock absorbers, and fine wireform brake cylinder piping. In addition you get the latest in sound and DCC control technology with Tsunami from SoundTraxx.

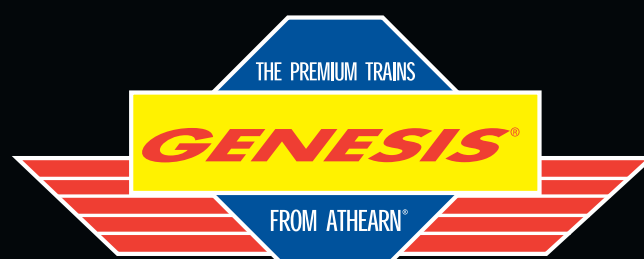
### SD70ACe WITHOUT SOUND

G68500	SD70ACe Undec FXE 4000-14, UP 1982, 1983, 1988, 4141, 8309-8422
G68501	SD70ACe Undec BNSF 9130-9329
G68502	SD70ACe Undec BNSF 9370-9399, CSX 4381-4850, KCS 4030-4059
G68511	SD70ACe MP #1982 Heritage
G68512	SD70ACe BNSF #9131
G68513	SD70ACe BNSF #9210
G68514	SD70ACe BNSF #9271
G68515	SD70ACe BNSF #9303
G68516	SD70ACe KCS Southern Belle #4037
G68517	SD70ACe KCS Southern Belle #4042
G68518	SD70ACe KCS Southern Belle #4046
G68519	SD70ACe KCS Southern Belle #4501
G68520	SD70ACe UP (yellow sill stripe) #8334*
G68521	SD70ACe UP (yellow sill stripe) #8365*
G68522	SD70ACe UP (yellow sill stripe) #8402*
G68523	SD70ACe UP (yellow sill stripe) #8419*

### SD70ACe WITH SOUND

G68600	SD70ACe Undec FXE 4000-14, UP 1982, 1983, 1988, 4141, 8309-8422
G68601	SD70ACe Undec BNSF 9130-9329
G68602	SD70ACe Undec BNSF 9370-9399, CSX 4381-4850, KCS 4030-4059
G68611	SD70ACe MP #1982 Heritage
G68612	SD70ACe BNSF #9131
G68613	SD70ACe BNSF #9210
G68614	SD70ACe BNSF #9271
G68615	SD70ACe BNSF #9303
G68616	SD70ACe KCS Southern Belle #4037
G68617	SD70ACe KCS Southern Belle #4042
G68618	SD70ACe KCS Southern Belle #4046
G68619	SD70ACe KCS Southern Belle #4501
G68620	SD70ACe UP (yellow sill stripe) #8334*
G68621	SD70ACe UP (yellow sill stripe) #8365*
G68622	SD70ACe UP (yellow sill stripe) #8402*
G68623	SD70ACe UP (yellow sill stripe) #8419*

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