MARLEYMAN	SD45 'SPSF' LIVERY RE-SKIN PACK

Railsimulator TS2014 | Marleyman

Contents

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SD45 SPSF Pack

EMD SD45-SPSF Livery Pack

The EMD SD45 is a six-axle diesel-electric locomotive built by General Motors Electro-Motive Division between December, 1965, and December, 1971. Power was provided by an EMD 645E3 twenty-cylinder engine which generated 3,600 HP. A total of 1,260 units were built for American railroads. Following this, the SD45-2 was released as its upgraded replacement.

The EMD SD45 was one of the very first modern mainline types of six-axle diesel locomotives to have 20-cylinder engine; modified from the original type of 645-series engine built from EMD being the usual 12 or 16-cylinder type. First ordered by the Great Northern (GN) railroad as part of their "Hustle Muscle" operations fleet; it served as a heavy-duty type of "road switcher" or mainline type of six-axle diesel locomotive operating long heavy trains throughout the various mountain railroad grades on the GN's routes in the Northwestern United States.

This pack contains reskins for the following railroads:
Union Pacific SD45 Loco Add-On Reskins
Southern Pacific SD45 Loco Add-On Reskins

Union Pacific SD45 add on
SD45 SF#5402 Final Livery
SD45 SF#5345 Final Livery
SD45 SP#7564 Final Livery
SD45 SP#7561 Final Livery
SD45 SPSF Kodachrome #7219 Final Livery
SD45 SPSF Kodachrome #7221 Final Livery

Southern Pacific SD45 add on
SD45 Daylight #7399
SD45 SP Kodachrome #7399
SD45 SP Kodachrome #7551 nonstandard noseband scheme

Santa Fe–Southern Pacific merger

The Atchison, Topeka and Santa Fe Railway (SF) and Southern Pacific Transportation Company (SP) attempted a merger. It began with the merger of the holding companies *Santa Fe Industries* and *Southern Pacific Company* on December 23, 1983 to form the Santa Fe Southern Pacific Corporation (SFSP), which held the SP shares in a voting trust.

The Interstate Commerce Commission denied the merger, SFSP sold the SP to Rio Grande Industries on October 13th 1988, and was renamed Santa Fe Pacific Corporation on April 25th 1989. The holding company controlled all the rail and non-rail assets of the former Santa Fe Industries and Southern Pacific Company, and it was intended that the two railroads would be merged. They were confident enough that this would be approved that they began repainting locomotives into a new unified paint scheme, including the letters SP or SF and an adjacent empty space for the other two as SPSF, the reverse order of the holding company.

The merger was opposed by the Justice Department in 1985 and by the Interstate Commerce Commission (ICC) on July 24th 1986, who ruled that such a merger was monopolistic. The Commission also denied SFSP's appeal on June 30th 1987 an ordered the Southern Pacific to be operated at arm's length until sold, it was disposed of on October 13th 1988 to Rio Grande Industries.

The Livery

The locomotive livery featured the *Santa Fe's Yellow bonnet* with a red stripe on the locomotive's nose; the remainder of the locomotive body was painted in *Southern Pacific's scarlet red* (from their Bloody Nose scheme) with a black roof and black extending down to the lower part of the locomotive's radiator grills. The number boards were red with white numbers.

This paint scheme, combining yellow, red and black, came to be called the *Kodachrome paint scheme* due to the colours' resemblance to those on the boxes that Kodak used to package its Kodachrome slide film.

In large block letters within the red portion of the sides was either "SP" (for Southern Pacific-owned locomotives) or "SF" (for Santa Fe-owned locomotives). The lettering was positioned on the locomotive sides so that the other half of the lettering could be added after the merger became official.

SD45 5394 was Santa Fe's first red and yellow unit. It was released from the San Bernardino shops on August 7th 1985. One day later, SP released their first repaint, SD45R 7551. Both units wore the experimental scheme white "SP" or "SF" lettering instead of yellow, four red noseband stripes instead of three, and a black roofline that came to the bottom of the radiators grills instead of just the dynamic brake grill as on the final scheme.

The second Santa Fe repaint, SD45 5401, emerged in early September 1985. The only change from the original scheme was yellow lettering instead of white. SP eventually modified 7551's paint scheme so that it had yellow instead of white initials, so its final paint job was essentially identical 5401's initial scheme with SP lettering instead of SF.

On September 19th 1985, Santa Fe released a third and final version of the SPSF scheme on SD45 5402. In addition to changing the number of noseband stripes from four to three and raising the level of the black area on the long hood, the noseband was lowered slightly so that it passed below the nose-mounted headlights on SP units instead of through them. The lights would have made it difficult to put full SPSF initials on the noseband, as 7551 illustrates.

By the end of September 1985, both ATSF 5394 and 5401 had been repainted once again into the final version of the SPSF scheme. SP's 7551, on the other hand, merely traded its white lettering for yellow and served out the rest of its SPSF days in this nonstandard scheme with four red noseband stripes. The SP7551 was wrecked, still in Kodachrome paint, at San Bernardino, while descending Cajon Pass carrying Trona, SP7551 lost control while descending and derailed on an elevated curve On May 12, 1989

17 SD45R's made it into (SP) Kodachrome paint; http://espee.railfan.net/spsd45r.html

7420	7430	7443	7457	7514	7551	7556	7557	7558	7559,
7560	7561	7562	7563	7564	7565	7566			

Rolling Stock

The following assets have been re-skinned and included in this package; Union Pacific SD45 Loco Add-On and Southern Pacific SD45 Loco Add-On from DigitalTrainModel.

Installation

To use the models re-skin with Train Simulator you will have to read the manual and follow these instructions in order to see the re-skins in the game. This download requires the Union Pacific SD45 Loco Add-On and Southern Pacific SD45 Loco Add-On by DigitalTrainModel, available from the Steam Store.

I do not accept responsibility for any damage to your installation or your PC.

How to Install

Unzip this package to a temporary folder, e.g. C:\Temp and click on *SD45-SPSF Livery Pack.exe*
The installer will open and should display the path of your TrainSimulator folder If not click on the '....' button and navigate to your TrainSimulator folder in Steam. Click the 'Install to TrainSimulator 2014' button and that's it

Re-skin Packs by Marleyman
http://www.railworks.marleyman.co.uk/store

TS2014 in game name
Union Pacific SD45 Loco Add-On Reskins
EMD SD45 SF #5402
EMD SD45 SF #5345
EMD SD45 SP #7564
EMD SD45 SP #7561
EMD SD45 SPSF #7219
EMD SD45 SPSF #7221

Southern Pacific SD45 Loco Add-On Reskins
EMD SD45 SP 7399 'Daylight'
EMD SD45 SP 7399 'Kodachrome'
EMD SD45 SP 7551 'Kodachrome'

SD44r SP 7399 'Daylight' 3,000hp

The following locomotives in this pack have a reduced horsepower rating of 3,000hp.
EMD SD45 SP 7399 'Daylight'
EMD SD45 SP 7399 'Kodachrome'
EMD SD45 SP 7551 'Kodachrome'

The SP; Southern Pacific, SD44R #7399 is a type of rebuild six-axle, 3,000hp EMD diesel locomotive which was rebuilt from an SD45 with SD40-2 components, and is the only one of its kind built in 1981. The locomotive itself is simply a hybrid variant of the SD45R.

SD44R 7399 never actually wore the standard SP "Bloody Nose" paint scheme, but rather an exclusive *Daylight* scheme which was applied to just about every rebuilt or hybrid diesel locomotive until shortly before the failed SPSF merger in 1983; it eventually wore the SPSF "Kodachrome" scheme as one of the only surviving SPSF units on SP's roster until it was retired by 1996.

The unit's original exclusive paint scheme (aside from being a Kodachrome survivor) was one of the only ways of distinguishing the unit from other SD45 units. This unit was rebuilt by SP at their Sacramento, California locomotive facility in October 1981, using an SD40-2 electrical standards and a 3000-horsepower, V16-cylinder diesel engine, and retaining its original SD45 bodywork.

Free Roam Test Scenario

I have included a free roam scenario to quickly check that the reskins appear in your game. You require the 'Donner Pass' route to install this scenario. Use the TS 'Utilities' program (Steam\steamapps\common\RailWorks) to install the *'SD45-SPSF Livery Pack.rwp'* file.

Thanks

A special thank you to 'imnew' at RWA (http://railworksamerica.com) forum for the gift that made this pack possible and to 'PapaXpress' for the 3,000BHP rating files for the Daylight #7399 and #7551 skins and to the others on the forum for the help both in deciding which liveries to add and for keeping me straight on the technical details.

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v1.0 Initial Release

Known Issues None

Credits Original paint and model by DigitalTrainModel - RSC (http://www.railsimulator.com/)

Fonts Peter Willard-railsimstuff.com

Mike Simpson for RWTools. No package is completed without it.

Revised body work paint by Marleyman

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Extracts from wikipedia