

## Vulcan Productions Preserved Deltic Pack



# Vulcan Productions



### Introduction

Hello and thank you for purchasing our first piece of DLC for Dovetail Games Train Simulator series.

This pack sets out to heavily modify and enhance the visual appearance, simulation and add extra controls and features in order to provide an enhanced user experience for the Class 55 Deltic loco in the Train Simulator series. This loco was seen at launch of Kuju's Rail Simulator in 2007 and since then computers, tools and the simulator itself have received a lot of changes and we seek to build upon the base model and bring it up to a more modern standard.

In this pack there are various representations of the six preserved members of the Class 55/Deltic locomotives that escaped the cutter's torch after withdrawal from front line duties in 1982. Read on to discover in detail more about these six survivors and the changes and customisation made to the models themselves.



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## 1. The locomotives

In 1982, after 20-21 years service the withdrawn locos were moved to a stored pool at Doncaster where some were quickly sold to preservation. Details of the 6 survivors and the 3 that did not is produced with kind permission of Chronicles of Napier website - <http://www.napier-chronicles.co.uk/>

### 1. D9000/55022 'Royal Scots Grey'

D9000 entered service on 28<sup>th</sup> February 1961 allocated to Haymarket shed, being preceded by D9001 by five days. In June of 1962 the loco received nameplates whilst in St. Rollox Works, Glasgow. In September 1983 she was sold for preservation for £14,900.

### 2. D9002/55002 'The King's Own Yorkshire Light Infantry'

D9002 entered service on 9<sup>th</sup> March 1961 allocated to Gateshead shed. In 1963 she was named at York and in October 1966 became the first Deltic to receive BR's corporate blue livery.

### 3. D9008/55008 'The Green Howards'

D9008 entered service on 7<sup>th</sup> July 1961 and allocated to Gateshead shed. On 30<sup>th</sup> September 1963 the loco was named at Darlington with ceremony (name previously carried by LMS 'Royal Scot' No. 46133). On 31<sup>st</sup> December 1981 the loco was allocated to work 14:03 King's Cross - York, however, failed at Finsbury Park with Flat Batteries and was withdrawn.

### 4. D9009/55009 'Alycidon'

D9009 entered service on 21<sup>st</sup> July 1961 having already received nameplates without ceremony at Doncaster Works and allocated to Finsbury Park shed. In 1982 the loco was sold to the Deltic Preservation Society (DPS) for £16,550.09 and moved to the North Yorkshire Moors Railway (NYMR) with a preservation debut on 22<sup>nd</sup> August of 1982.

### 5. D9010/55010 'The King's Own Scottish Borderer'

D9010 entered service on 21<sup>st</sup> July 1961 and allocated to Haymarket shed. On 8<sup>th</sup> May 1965 the loco was named at Dumfries with ceremony (name previously carried by LMS 'Royal Scot' No. 46104). On 23<sup>rd</sup> December 1981 the loco was working 1L22 23:00 King's Cross - Bradford, as far as Doncaster, however, it failed at Corby Glen with a split oil pipe and was withdrawn on what was now 24<sup>th</sup> December 1981.



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### 6. D9014/55014 'The Duke of Wellington's Regiment'

D9010 entered service on 29<sup>th</sup> September 1961 and allocated to Gateshead shed. On 20<sup>th</sup> May 1965 the loco was named at Darlington with ceremony (the name 'The Duke of Wellington's Regt (West Riding)' previously carried by LMS 'Royal Scot' No. 46145). On 10<sup>th</sup> November 1981 the loco was working 1S14 08:10 Newcastle - Edinburgh, and suffered engine failure at Cramlington. The loco was withdrawn on what was now 22<sup>nd</sup> November 1981.

### 7. D9015/55015 'Tulyar'

D9015 entered service on 13<sup>th</sup> October 1961 having already received nameplates without ceremony at Doncaster Works and allocated to Finsbury Park shed. Along with D9000, Tulyar was featured on the farewell railtour of 2<sup>nd</sup> February 1982. Initially sold as a private sale in January 1984, in 1987 it joined the DPS for £12,000.

### 8. D9016/55016 'Gordon Highlander'

D9016 entered service on 27<sup>th</sup> October 1961 allocated to Haymarket shed. In 1964 she was named at Aberdeen with a ceremony. Withdrawn in 1981, the D9000 Fund Ltd purchased the loco for scrap value of £7,500 and the loco went to the Nene Valley Railway (NVR) just a stones throw from where she had plied her high-speed trade for twenty years.

### 9. D9019/55019 'Royal Highland Fusilier'

D9019 entered service on 11<sup>th</sup> December 1961 allocated to Haymarket shed. Her name was recieved in 1965 at a ceremony at Glasgow Central station. In 1982 she was sold to the DPS for £16,550.19 and moved to the NYMR with a preservation debut on 22<sup>nd</sup> August 1982



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## 2. The locos in game

### D9000/55022



D9000/55022 appears in three forms.

1. Green with small yellow panel as in 1998
2. BR Blue with silver detailing as in 2011
3. BR Blue with white windows and numbered 55007 'Pinza' as in 2014.

### D9002/55002



D9002/55002 appears in two forms.

1. BR Blue with sealed marker panel as in 2011
2. Green with small yellow panel as in 2016



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## D9008/55008



D9008 appears in one form

1. BR Blue as in 1980

## D9009/55009



D9009 appears in two forms

1. BR Blue with white windows as in 1981
2. Green with small yellow panel as in 1999
3. BR Blue with train reporting number as in 2016



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### D9010/55010



D9010 appears in one form

1. BR Blue with small yellow panel as in 1999

### D9014/55014



D9014 appears in one form

1. Green with full yellow panel as in 1967



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### D9015/55015



D9015 appears in two forms

1. BR Blue with sealed yellow marker as in 1986
2. Full Green with nameplates as in 2011

### D9016/55016



D9016 appears in five forms

1. BR Blue with NSE branding as in 1987
2. BR Blue as in 1988
3. Porterbrook livery with WIPAC headlights as in 1999
4. Green with small yellow panel with WIPAC headlights as in 2004
5. Green with full yellow front as in 2011





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D9019/55019



D9019 appears in three forms

1. Full Green unnamed replica 'as built' condition as in 1994
2. BR Blue as in 1999
3. BR Blue as in 2013

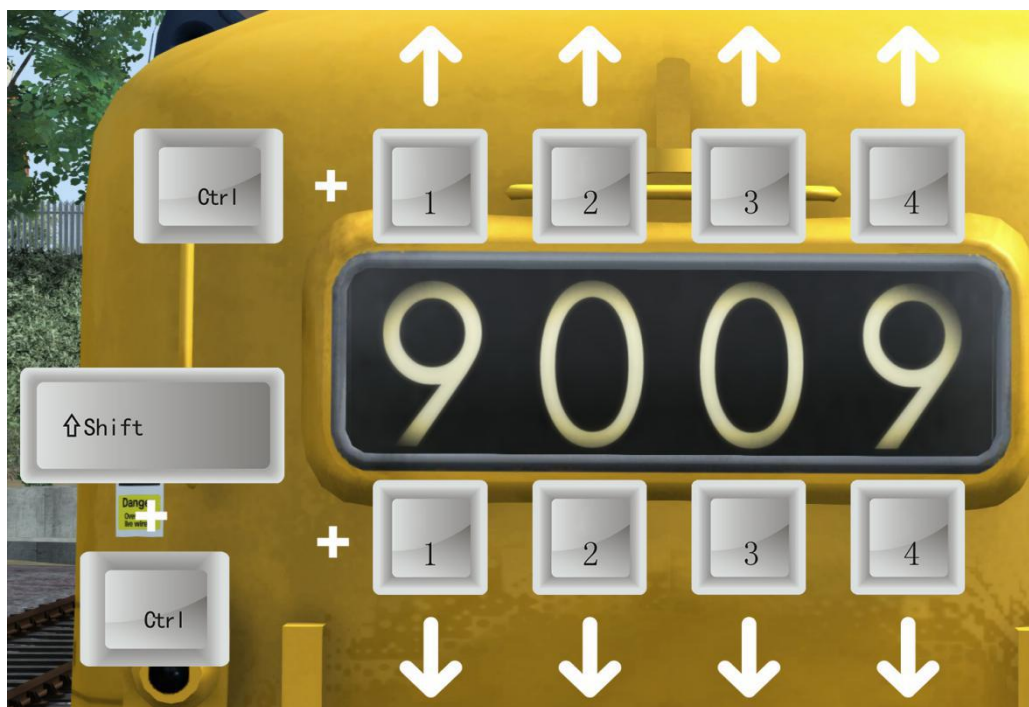


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### 3. New features and controls

There are a number of new features and associated controls that have been added to the loco to accompany improved visual elements of extended functionality, which we shall outline and illustrate as necessary.

#### 1. Train reporting number, or headcode.



Above is an image of the No.1 end of the loco with the headcode object fitted. This can be set as the first 4 digits of the loco running number when in the Scenario Editor (changes both ends) or it can be changed in the game with the controls as shown.

For the headcode at the No.2 end this can be controlled independently by changing the keys you are using from numbers 1-4 to numbers 5-8.

For realism the headcode controls will be locked if the train is in motion.

Due to a limitation in how Train Simulator handles controls, when you edit the headcode as part of the loco running number in the Scenario Editor it will not update live in the editor, but once you play the scenario it will change to what you have chosen.

The list of characters you can choose in the headcode are:-

0-9, A-Z, a white dot and a blank space. In the loco running number you need to input '!' for the white dot and '#' for the blank space, the rest are intuitive.

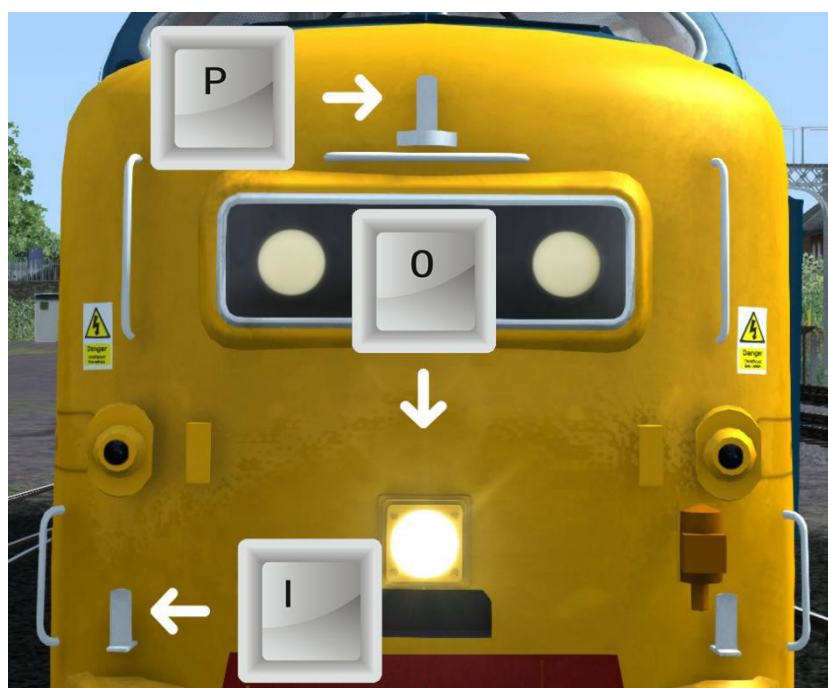


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## 2. Headboards



As illustrated, there are a total of 16 headboards for you to choose from in three different positions on the noses of the loco. Below the controls for each are explained.



The above image shows the No.1 end of the loco. The headboards are off by default, and pressing the letter shown will cycle up through each one and back to blank. If you want to cycle down through the headboards then press the 'Shift' key along with the corresponding letter.

For the No.2 end of the loco you need to use the 'Ctrl' key along with the letter shown to cycle up, and 'Shift'+ 'Ctrl' along with the letter shown to cycle down.

Upon coupling to any vehicle all headboard controls at that end are reset and the headboard(s) is/are removed automatically.



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It is possible to make the headboards preset for the use of player or AI trains so that a scenario can start with the loco already prepared. In order to do this we have provided an additional 6 digits at the end of the locomotive running number. The first 3 control each headboard position on the No.1 end and the second 3 control the headboard position on the No. 2 end. By default the numbers will be set to '000000' when a loco is placed and you change each character to be between 1 and 5 in place of each 0 that you want to alter. Below is an example number explained in full.

9000D9000A105000

**Orange** - Sets the train reporting number/headcode

**Green** - Sets the loco running number (This is for reference only on most locos in this pack)

**Blue** - Sets the nameplate used

**Red** - Controls the headboards on the No.1 End

**Purple** - Controls the headboards on the No.2 End

So, in our example above we have the headcode displaying '9000' the loco number is 'D9000' and the name is, as should be, 'Royal Scots Grey'. On the number one end the top lamp iron is set to the winged thistle and the bottom lamp iron has the Vulcan Productions anniversary headboard on.

Where applicable we have set up all of our scenarios so that the trains have the headboards set to their real-life examples.

For realism the headboard controls will be locked if the train is in motion, so in order to affect any changes the train must be stationary.



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### New locomotive lighting

As part of the overall upgrade it has been necessary to develop several new lights across the whole pack. These work off the default keyboard headlight control of 'H' or 'Shift'+ 'H' or via pressing the corresponding headlight button on the HUD within the game. If you change the cab of the loco that you are driving the current headlight setup will also change ends of the locomotive with you, which makes shunting less control intensive.

Type 1 is standard BR lights without the addition of a sealed beam for later mainline use. This control has 3 positions:-



1. Taillights all round (default)
2. Headcode/marker at driven end
3. Headcode/marker at non-driven end

Type 2 is standard BR lights with the addition of a sealed beam for later mainline use. This control has 5 positions.



1. Taillights all round (default)
2. Headcode/marker at driven end
3. Headcode/marker at driven end plus sealed beam light
4. Headcode/marker at non-driven end
5. Headcode/marker at non-driven end plus sealed beam light



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Type 3 is the WIPAC headlights fitted to D9016 during heavy overhaul in 1999. This control has 9 positions.



1. Taillights all round (default)
2. Headcode at driven end
3. Headcode and markers at driven end
4. Headcode, markers and RHS high-beam at driven end
5. Headcode, markers and LHS high-beam at driven end
6. Headcode at non-driven end
7. Headcode and markers at non-driven end
8. Headcode, markers and RHS high-beam at non-driven end
9. Headcode, markers and LHS high-beam at non-driven end

### \*Note for all types of headlight\*

Similar to the headboards, if you couple either end of a loco to any vehicle then the lights will be automatically extinguished irrespective of which position you have the headlight control in. Once the vehicle is uncoupled the lighting will be restored corresponding to which position you have the headlight control in.

### 4. Cab lighting

We have provided cab lighting for the locomotives in this pack with separate controls to allow them to be used independently.

To cycle the cab light on and off at the No.1 end of the loco use the 'C' key.

To cycle the cab light on and off at the No.2 end of the loco use the 'Shift'+ 'C' keys.



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## 5. Realistic reverser with AWS self-test

By default the Deltic locomotive comes with the standard setup of reverser with 0% in the centre, 100% for forwards and -100% for reverse.

This isn't realistic to the the control handle's physical movement so we have changed the positions and also added HUD labels to the reverser display as a guide. By default the reverser will be in the 'OFF' position at the very bottom of the control handle's physical movement. Moving upwards via the standard reverser controls you will next encounter 'REVERSE' and then 'ENGINE ONLY' and finally 'FORWARD'.

Another prototypical feature we have added is that the first time you move the reverser from 'OFF' to 'ENGINE ONLY' you will get an AWS self-test that you will need to acknowledge before the train can be driven.

## 6. Changes to the throttle control

Although we have not yet changed the loco simulation to fully reflect the changes (a subsequent patch for advanced simulation shall be released at a later stage) we have included an initial section of 15% throttle where the locomotive would be getting traction via the current generated at idle RPM only. Until the advanced simulation is included this means there is no traction to be had at all from the engines until RPM is increased between the ON and FULL POWER settings on the throttle control. A delay between moving the throttle control and the action physically taking place has been included for enhanced realistic simulation of how the locomotive operates.

## 7. Changes to the brake control

The brake control has been modified to have a sprung back release position, and it will return to 15% as normal. Like the throttle, we have added a realistic time delay to the physical operation of the train brakes a short time after the action has been initiated by changing the control position.



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## 8. Visible locomotive nose in Deltic cabview



Due to the position chosen for the camera and the original Kuju model not containing the nose as part of the cabview we have retro-fitted them. As shown above, we have utilised part of the cabview provided with the BR Blue Diesel Pack to enable all of the locos to have the nose of the locomotive visible when driving in the cab. In order to use this feature in your scenarios you must ensure that you enable the DTG>BRBluePack01 option in the asset window as shown below.

### 1. Scenario mode

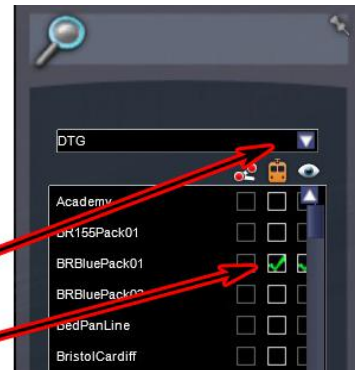


### 2. Click object set filter



### 3. Select DTG

### 4. Tick BRBluePack01





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## 4. Quick Drive consists

For reasons of space we are not going to list every quick drive consist available in this pack as the total is over 1,400.



The image above shows the easiest way to find the Quick Drive consists. This will give you the list of the 42 (21 single engine and 21 twin engine) versions of the locos available. Within each of these loco subsets you have a choice of 34 different Quick Drive consists to choose from. These feature Mk1, pressure vent Mk2, air-con Mk2 and Pullman consists. Below is a list of the required DLC for each of them.

**Mk1 sets:**

BR Blue Pack 01 - <http://store.steampowered.com/app/325977>

**Mk2 pressure vent sets:**

Euro Asset Pack - <http://store.steampowered.com/app/208300>

AP Mk2D-F pack - <https://www.armstrongpowerhouse.com/>

**Mk2 air-con sets:**

AP Mk2D-F pack - <https://www.armstrongpowerhouse.com/>

**British Pullman sets:**

Brighton Belle - [http://uktrainsim.com/filelib-info.php?form\\_fileid=29327](http://uktrainsim.com/filelib-info.php?form_fileid=29327)

BR Blue Pack 01 - <http://store.steampowered.com/app/325977>

We hope that these will provide you with a lot of fun for those wanting to quickly jump into a Deltic and go without any timetables involved.



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### 5. Using the locos and carriage reskins in scenarios

Whether you are wanting to make your own scenarios in Train Simulator or switch the locos into existing ones, you will need to know the names as they appear in the Object List. First you need to enable the Kuju>RailSimulator section in the Object Set Filter menu. Below is a table containing all of the unique names used. Remember that you will also have to enable DTG>BRBluePack01 in the Object Set Filter menu for the nose in the cabview to be visible.

(VP-PD) D9014 1967 Green FY Single Engine	(VP-PD) 55007 (D9000) Blue FP Single Engine
(VP-PD) D9014 1967 Green FY Twin Engine	(VP-PD) 55007 (D9000) Blue FP Twin Engine
(VP-PD) 55008 1980 BR Blue Single Engine	(VP-PD) D9016 2011 Green FY Single Engine
(VP-PD) 55008 1980 BR Blue Twin Engine	(VP-PD) D9016 2011 Green FY Twin Engine
(VP-PD) 55010 1981 BR Blue Single Engine	(VP-PD) D9016 2011 Green FY Single Engine
(VP-PD) 55010 1981 BR Blue Twin Engine	(VP-PD) D9016 2011 Green FY Twin Engine
(VP-PD) 55016 1987 BR Blue Single Engine	(VP-PD) D9000 1998 Green SY Single Engine
(VP-PD) 55016 1987 BR Blue Twin Engine	(VP-PD) D9000 1998 Green SY Twin Engine
(VP-PD) 55019 2013 BR Blue Single Engine	(VP-PD) D9016 2004 Green WIPAC Single Engine
(VP-PD) 55019 2013 BR Blue Twin Engine	(VP-PD) D9016 2004 Green WIPAC Twin Engine
(VP-PD) 55019 1999 BR Blue Single Engine	(VP-PD) D9016 1999 Porterbrook WIPAC Single Engine
(VP-PD) 55019 1999 BR Blue Twin Engine	(VP-PD) D9016 1999 Porterbrook WIPAC Twin Engine
(VP-PD) 55002 2013 BR Blue Single Engine	(VP-PD) 55016 1988 BR Blue Single Engine
(VP-PD) 55002 2013 BR Blue Twin Engine	(VP-PD) 55016 1988 BR Blue Twin Engine
(VP-PD) 55009 1981 Blue FP Single Engine	(VP-PD) D9009 2016 BR Blue Single Engine
(VP-PD) 55009 1981 Blue FP Twin Engine	(VP-PD) D9009 2016 BR Blue Twin Engine
(VP-PD) D9019 1994 Full Green Single Engine	(VP-PD) 55015 1986 Blue FP Single Engine
(VP-PD) D9019 1994 Full Green Twin Engine	(VP-PD) 55015 1986 Blue FP Twin Engine
(VP-PD) D9015 2011 Full Green Single Engine	(VP-PD) 55022 2011 BR Blue Single Engine
(VP-PD) D9015 2011 Full Green Twin Engine	(VP-PD) 55022 2011 BR Blue Twin Engine
(VP-PD) D9009 1999 Green SY Single Engine	(VP-PD) D9002 2016 Green SY Single Engine
(VP-PD) D9009 1999 Green SY Twin Engine	(VP-PD) D9002 2016 Green SY Twin Engine

If you want to use the five sets of reskins provided for the Mk1 carriages in the BR Blue Pack first you need to enable the DTG>BRBluePack01 section in the Object Set Filter menu, then below is a list of the names for all of the carriages.

Name
(VP-BRB) BR Mk1 Brake Carmine_Cream
(VP-BRB) BR Mk1 Brake Choc_Cream
(VP-BRB) BR Mk1 Brake Green
(VP-BRB) BR Mk1 Brake Maroon
(VP-BRB) BR Mk1 Brake NSE
(VP-BRB) BR Mk1 First Carmine_Cream
(VP-BRB) BR Mk1 First Choc_Cream
(VP-BRB) BR Mk1 First Green
(VP-BRB) BR Mk1 First Maroon
(VP-BRB) BR Mk1 First NSE
(VP-BRB) BR Mk1 Second Carmine_Cream
(VP-BRB) BR Mk1 Second Choc_Cream
(VP-BRB) BR Mk1 Second Green
(VP-BRB) BR Mk1 Second Maroon
(VP-BRB) BR Mk1 Second NSE



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## 6. Scenarios

We felt it was important to provide a wide-range of engaging and exciting scenarios taking in all 3 countries of the UK mainland. Whilst we have strived towards accuracy, the availability of Working Timetables and not wanting a huge DLC list gave us a challenge of striking a balance. In instances where you don't have a piece of DLC we always recommend the usage of RW Tools to substitute out missing stock to enable you to play the scenarios. We have included a total of 22 scenarios as a little nod to the 22 production Deltics, without which this pack wouldn't exist.

### Creative Rail BR ECML (All parts)

#### 1A31 18:10 York-Kings Cross (55008,1981)

It's 21st April 1981 and the Deltics are on borrowed time, recreate the actual events as you drive 55008 'The Green Howards' from York to Peterborough with one of the 'Semi Fast' trains that the locos became regulars on in their later careers.

#### DLC requirements:

Creative Rail BR ECML (All parts): <http://www.creativerail.co.uk/home>

BRB Pack 02: <http://store.steampowered.com/app/376950/>

AP Class 43 (Valenta)/Mk3 Enhancement Pack:

[https://www.armstrongpowerhouse.com/index.php?route=product/product&path=36\\_89&product\\_id=169](https://www.armstrongpowerhouse.com/index.php?route=product/product&path=36_89&product_id=169)

AP MK2 Pack:

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=166](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=166)

Fastline Simulation TEA Pack:

### DPS East Coast Mainline North East

#### The Royal Scots Grey Part 2:

Drive 55022 from York to Newcastle on 'The Royal Scots Grey' on 5th March 2011.

#### DLC requirements:

ECML London to Peterborough:

<http://store.steampowered.com/app/222618>

Just Trains Voyager Advanced:

<https://www.justtrains.net/product/voyager-advanced-download>

Class 91: <http://store.steampowered.com/app/222625>

AP Class 91 Enhancement Pack:

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=165](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=165)

Waggonz Class 142:

[https://www.armstrongpowerhouse.com/index.php?route=product/product&path=45\\_84&product\\_id=111](https://www.armstrongpowerhouse.com/index.php?route=product/product&path=45_84&product_id=111)



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Railtour Class 57: <http://store.steampowered.com/app/208295>

### ECML London – Peterborough

#### First DPS Tour – 60 mins

Drive D9009 from Kings Cross to Peterborough on the first Deltic hauled train out of Kings Cross since the final day on 2nd January 1982!

#### First DPS Tour Part 2 – 55 mins

Drive 55019 on the final leg of the DPS 'Train 1', from Peterborough to Kings Cross on evening of 22nd May 1999.

#### The Hull Executive – 60 mins

Drive D9009 'Alycidon' from Peterborough to Kings Cross with 'The Hull Executive' on Saturday 6th May 2017.

#### The Royal Scots Grey Part 1 – 75 mins

Drive 55022 on 'The Royal Scots Grey' from Kings Cross to Peterborough on 5th March 2011.

### DLC requirements:

Class 91: <http://store.steampowered.com/app/222625>

### AP Class 91 Enhancement Pack:

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=165](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=165)

### AP Class 90:

[https://www.armstrongpowerhouse.com/index.php?route=product/product&path=45\\_84&product\\_id=131](https://www.armstrongpowerhouse.com/index.php?route=product/product&path=45_84&product_id=131)

Railtour Class 57: <http://store.steampowered.com/app/208295>

### Just Trains – Newcastle to Edinburgh

#### The Royal Scots Grey Part 3 – 120 mins

Drive 55022 from Newcastle to Edinburgh on 'The Royal Scots Grey'. 5th March 2011.

#### The Royal Scots Grey Part 4 – 100 mins

Drive 'The Royal Scots Grey' on the first part of it's return journey on 5th March 2011. A non-stop run from Edinburgh to Newcastle!

### DLC requirements:

Railtour Class 57: <http://store.steampowered.com/app/208295>

Class 91: <http://store.steampowered.com/app/222625>

### AP Class 91 Enhancement Pack:

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=165](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=165)

### Just Trains Voyager:

<https://www.justtrains.net/product/voyager-advanced-download>



## Vulcan Productions Preserved Deltic Pack

**Waggonz/AP Class 142:**

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=111](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=111)

**ECML London to Peterborough:**

<http://store.steampowered.com/app/222618>

**Class 380:** <http://store.steampowered.com/sub/18882/>

### Just Trains – The Kyle Line

#### **The Freedom of Scotland Part 4 – 140 mins**

Drive 55019 from Dingwall to Kyle on 'The DPS Freedom of Scotland' on 23rd June 2003.

#### **The Freedom of Scotland Part 5 – 170 mins**

Drive D9009 from Kyle of Lochalsh to Rose Street, Inverness with 'The Freedom of Scotland' charter in June 2003.

### North London, Goblin and Chatham Main Line 2016

#### **1099 Birmingham-Ramsgate – 50 mins**

Drive D9000 'Royal Scots Grey' from Kensington Olympia to Gillingham in part one of this scenario recreating the Summer Saturday workings for VXC to Ramsgate

**DLC requirements:**

**Class 423:** <http://store.steampowered.com/app/65256/>

**South London Network:**

[http://store.steampowered.com/app/222638/Train\\_Simulator\\_South\\_London\\_Network\\_Route\\_AddOn/](http://store.steampowered.com/app/222638/Train_Simulator_South_London_Network_Route_AddOn/)

**AP MK2 Pack:**

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=166](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=166)

### Riviera Line

#### **The Torbay and Dart Explorer – 40 mins**

Drive D9009 'Alycidon' from Paignton to Exeter on 'The Torbay and Dart Explorer', return on 4th July 2015.

**DLC requirements:**

**Just Trains Voyager:**

<https://www.justtrains.net/product/voyager-advanced-download>

**Thomson Class 150:** <http://store.steampowered.com/app/222567/>



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### South Wales Coastal - Bristol to Swansea

#### The Welsh Central Liner – 75 mins

Drive D9009 from Severn Tunnel Junction to Port Talbot Parkway with “The Welsh Central Liner” on 17th June 2017.

DLC requirements:

AP MTU Enhancement Pack:

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=168](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=168)

Thomson Class 150: <http://store.steampowered.com/app/222567/>

Class 170: <http://store.steampowered.com/app/208364/>

### WCML North

#### The Freedom of Scotland Part 6 – 115 mins

Drive D9009 from Coatbridge to Carlisle with the returning 'DPS Freedom of Scotland' on 26th June 2003.

DLC requirements:

Class 156: <http://store.steampowered.com/app/65217/>

Class 67 (DTG): <http://store.steampowered.com/app/208369/>

AP Class 321:

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=137](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=137)

AP Class 90:

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=131](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=131)

Just Trains Voyager:

<https://www.justtrains.net/product/voyager-advanced-download>

### WCML Over Shap

#### The Freedom of Scotland Part 7 – 80 mins

Drive D9009 from Carlisle to Preston on the final leg of the marathon 'DPS Freedom of Scotland' tour!

DLC requirements:

AP Class 90:

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=131](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=131)

Just Trains Voyager:

<https://www.justtrains.net/product/voyager-advanced-download>

Class 67 (DTG): <http://store.steampowered.com/app/208369/>

Class 390: <http://store.steampowered.com/app/208343/>

Settle to Carlisle: <http://store.steampowered.com/app/65255/>



## Vulcan Productions Preserved Deltic Pack

JT Cargowaggon:

<https://www.justtrains.net/product/cargowaggon-iwb-pluspak>

### Weardale and Teesdale Rail Network

**1A33 11:30 Newcastle - Kings Cross - 100 mins**

Drive D9014 from Durham to Darlington via Bishop Auckland in 1967 in a semi-fictional scenario.

**DLC requirements:**

**Weardale and Teesdale Rail Network:**

<http://store.steampowered.com/app/277777/>

### West Highland Line - Extension

**The Freedom of Scotland Part 2 - 100 mins**

Drive D9009 from Fort William to Mallaig, with D9019 on the rear of this (Very!) early morning working to Mallaig!

**The Freedom of Scotland Part 3 - 104 mins**

Drive 55019 from Mallaig to Fort William Junction on Wednesday 25th June 2003.

**DLC requirements:**

**Class 156:** <http://store.steampowered.com/app/65217/>

### West Highland Line - South

**The Freedom of Scotland Part 1 - 210 mins**

Drive 55019 from Garelohead to Fort William with the 'DPS Freedom of Scotland' tour on 24-25th June 2003.

**6E45 Fort William-Mossend Alcan - 230 mins**

Drive 55022 'Royal Scots Grey' from Fort William to Garelohead with 6E45 Fort William-Mossend Alcan tanks on afternoon of 30th May 2011, a once in a lifetime opportunity to witness a Deltic on the Alcan train over the WHL

**DLC requirements:**

**AP MK2 Pack:**

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=166](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=166)

**Class 156:** <http://store.steampowered.com/app/65217/>

**Settle to Carlisle:** <http://store.steampowered.com/app/65255/>



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### Western Mainlines

#### **The Mazey Day Cornishman – 75 mins**

Drive 55022 from Exeter to Plymouth on 'The Mazey Day Cornishman' on 23rd June 2012.

#### **The Mazey Day Cornishman 2 – 150 mins**

Drive D9009 'Alycidon' from Plymouth to Bristol on the returning 'Mazey Day Cornishman' from Penzance to Tame Bridge on 29th June 2013.

#### **DLC requirements:**

#### **AP MTU Enhancement Pack:**

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=168](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=168)

**Thomson Class 150:** <http://store.steampowered.com/app/222567/>

#### **Just Trains Voyager:**

<https://www.justtrains.net/product/voyager-advanced-download>

### Wherry Lines

#### **1G22 Liverpool St-Great Yarmouth – 30 mins**

Drive D9000 from Norwich (Avoider) to Great Yarmouth (Via Reedham) with 1G22 Liverpool St-Great Yarmouth on Monday 31st August 1998.

#### **1G55 Great Yarmouth-Liverpool St – 25 mins**

Drive D9000 from Great Yarmouth to Wensum Curve (Norwich) with 1G55 15:10 Great Yarmouth-London Liverpool Street on Bank Holiday Monday, 31st August 1998.

#### **DLC requirements:**

#### **AP MK2 Pack:**

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=166](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=166)

**Thomson Class 150:** <http://store.steampowered.com/app/222567/>

#### **AP DBSO:**

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=144](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=144)

#### **AP Class 90:**

[https://www.armstrongpowerhouse.com/index.php?route=product/product&product\\_id=13](https://www.armstrongpowerhouse.com/index.php?route=product/product&product_id=13)





# Vulcan Productions Preserved Deltic Pack

## 7. Credits

There are many people that we would like to thank and credit, some from within our own ranks to give recognition for their work and assistance.

### Vulcan Productions

Chris Barnes - Script, physics, particles and testing

Mark Walker - Scenarios and testing

Cameron Burgess - Website, sales and testing

Ashley Burgess - Carriage skin bases and testing

Ewan Rutledge - Carriage reskins and testing

Ben Yates - Carriage reskins and testing

Richard Fletcher - Various reskins and testing

### Thomson Interactive Ltd

Alan Thomson for permitting the inclusion of scenarios on their WHLE route within this product package. You can purchase the route through Steam at <http://store.steampowered.com/app/277748/>

### Armstrong Powerhouse

We are extremely grateful for being permitted to make changes and alterations to a few files from within the AP Class 55 Pro Soundpack which, along with other high quality enhancements, you can purchase at - <https://www.armstrongpowerhouse.com/>

### Additional testing

Thomas Harrison

Carl Westwood

Chris Harrison

Barry Sutcliffe

We would also like to thank James Littlewood of Forge Simulation for his help and assistance with sound changes and working on engine simulation elements. You can see Forge Simulation work on their Facebook page at <https://www.facebook.com/forgesimulation/> or via their homepage at [www.forgesimulation.com](http://www.forgesimulation.com)

We would like to give thanks to the Deltic Preservation Society for their hospitality and knowledge that the dedicated team of volunteers shared with us when we visited their base at Barrow Hill Roundhouse - for all of the latest information on any of the projects they are working on please visit - <http://thedps.co.uk/>



## Vulcan Productions Preserved Deltic Pack

And last but not least we would like to thank all of you for following us on this long journey to reach the completed package. It has been a labour of love and dedication through my love of the class to make the locos that I think other fans of the class deserve to have in Train Simulator. All of us at Vulcan Productions sincerely hope that you get as much enjoyment out of the package as we have producing it for you.

Any problems, contact us via our email account at  
[vulcanproductionsuk@gmail.com](mailto:vulcanproductionsuk@gmail.com)

We would also like to thank DJ Topshelf for providing the soundtrack to our trailer video - you can find more of his work at the following link  
<https://soundcloud.com/djtopshelf>

### Disclaimer

We do not accept any responsibility for any damage to your installation or your PC, as an alleged result of the download and/or installation of this package.

### Requirements

In order for the locomotives in this pack to work correctly you must ensure you own the Euro Asset Pack -

<http://store.steampowered.com/app/208300/>

If you wish to have a visible nose in the locomotive cabview and have five sets of Mk1 reskins with Quick Drive consists included then you must ensure you own the BR Blue Loco Pack -

<http://store.steampowered.com/app/325977/>

For sounds to work properly you must also own the Armstrong Powerhouse Class 55 Sound Pack (Pro) - found on their website, [www.armstrongpowerhouse.com](http://www.armstrongpowerhouse.com)

In order to play the included scenarios there are additionally listed items, these have been collated on a per route basis, see pages 16-20 for those details.

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