



Regional Railways BR Class 142 'Pacer' DMU



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Whilst we do our utmost to reproduce sounds that are accurate and true-to-life, sometimes these sounds may not completely tally with the user's expectation. Due to the nature of the simulation, it is often not possible to reproduce a completely accurate soundscape for a variety of reasons such as limitations with our current technology and occasional inability to gain meaningful access to the locomotives being created. You should therefore regard the audio reproduction for our locomotives as authentic interpretations rather than perfect recreations.

1 Background

BR Class 142 'Pacer' DMU

The British Rail Class 142 is a class of Pacer diesel multiple-unit passenger trains used in England and Wales. 96 units were built by British Rail Engineering Limited's Derby Litchurch Lane Works between 1985 and 1987. They were a development of the earlier Class 141 which were introduced in 1984.

The unit's body is based on that of the original Leyland National bus, and many fixtures and fittings of the bus can be found on the units. Each unit has a seating capacity of any number between 102 and 121 passengers per two-car set. In theory, there should be 106 or 121 seats per unit. The same engines and mechanical transmissions were used as on Class 141. Each car has a fuel capacity of 125 gallons.

2 Rolling Stock

BR Class 142 'Pacer' DMU in Regional Railways Livery

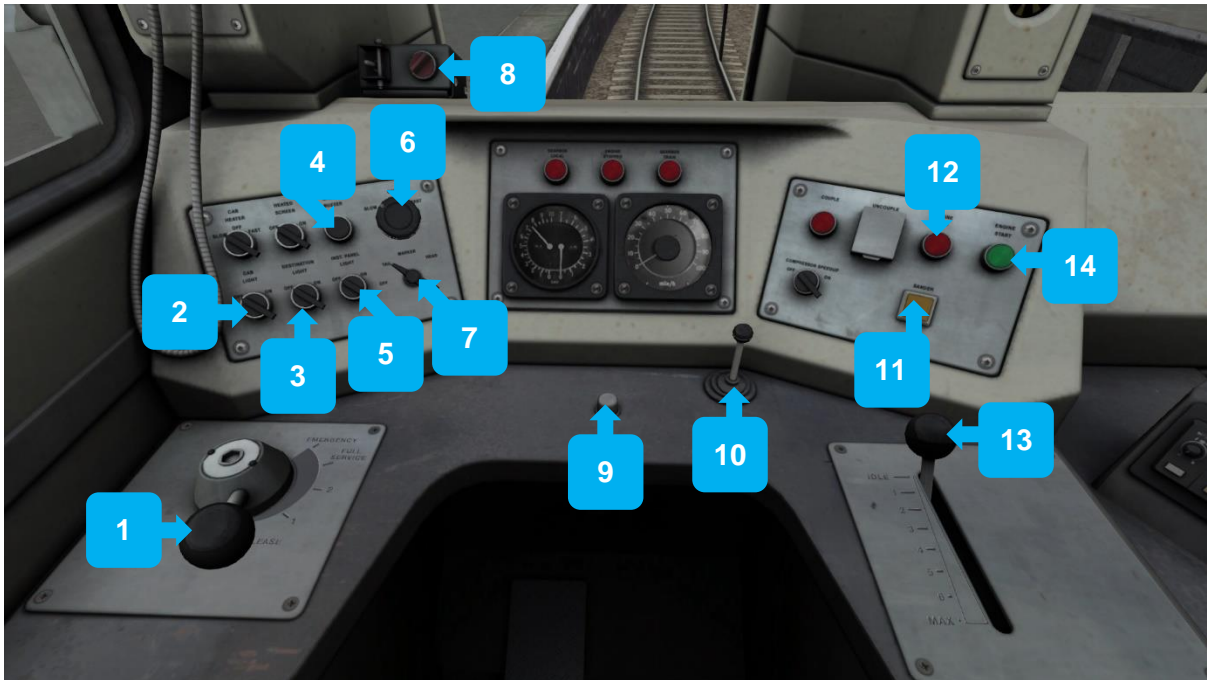


BR Class 142 'Pacer' DMU in Provincial Livery



3 Driving the Class 142

Cab Controls



1	Train Brake	8	DRA
2	Cab Lights	9	AWS Reset
3	Destination Lights	10	Horn
4	Guard's Buzzer	11	Sander
5	Instrument Lights	12	Engine Stop
6	Wiper Switch	13	Throttle
7	Exterior Lights	14	Engine Start



15	Reverser
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Key Layout

Function	Key	Key
Increase or Decrease Power.	A	D
Move reverser control Forward or Backward.	W	S
Load/Unload passengers.		T
Headlights. Repeatedly pressing will cycle through headlight states where appropriate.		H
(Expert) Engine Stop/Start. By default engines will already be running at the start of a scenario. Press this button to stop and then again to restart the engine.		Z
(Expert) Alerter. The Alerter is a system used on some trains to ensure that the driver has seen a signal. If the Alerter sounds (a black/yellow striped symbol is shown on the Driver's display), this must be acknowledged by pressing the Alerter button or the emergency brakes will be applied.		Q
(Expert) Sander. Causes sand to be laid on the rails next to the wheels to assist with adhesion. Press and hold to activate sander, let go to stop.		X
Cab Light. Toggle the Cab light on and off.		L
Instrument Light. Toggle the Instrument Light on and off.		I
Horn. Sound the horn's low tone.		Space
Horn. Sound the horn's high tone.		B
Handbrake. Toggle the train Handbrake on and off.		/
Couple manually.		Ctrl + Shift + C

4 Scenarios

Career Scenarios

Route: Liverpool to Manchester Piccadilly via Warrington Central

- [142] 1. The Last Provincial
- [142] 2. Evening Drive
- [142] 3. Working Together

5 Acknowledgements

Dovetail Games would like to thank the following people for their contribution to the development of Regional Railways BR Class 142 'Pacer' DMU:

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Artwork, Audio Implementation & Scripting

Dovetail Games Beta Testing Team

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