



dovetail
GAMES

Class 27 BR Green



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1 Background

1.1 Loco

British Rail's Class 27 comprised 69 diesel locomotives built by the Birmingham Railway Carriage and Wagon Company (BRCW) during 1961 and 1962. Original allocations were D5347 - 5369 to Glasgow Eastfield, D5370 - 5378 to Thornaby and D5379 - 5415 to London Cricklewood for Tilbury Boat trains and Cross-London freight services.

In the period September to December 1963, some of the Cricklewood allocation were transferred to Leicester and in December 1965 the Thornaby allocation was also nominally transferred to Leicester to join them.

For many years they were extensively used on the West Highland Line. Its final working was on 13 August and the loco was officially withdrawn on 19 August 1987. The Class 27s were actually outlived by the older Class 26s, whose less powerful engines were more reliable.

1.2 Design & Specification

Builder	Birmingham Railway Carriage and Wagon Company
Locomotive Weight	72.5 tonnes
Vehicle Length	50 ft 9 in (15.47 m)
Vehicle Width	8 ft 10 in (2.69 m)
Fuel Capacity	823 US Gal
Vehicle Power	1,250 hp (932 kW)
Top Speed	90 mph (145 km/h)
Brake Types	Dual Braked Vacuum/Air
Tractive Effort	Maximum: 42,000 lbf (187 kN)

2 Rolling Stock

2.1 Class 27 BR Green

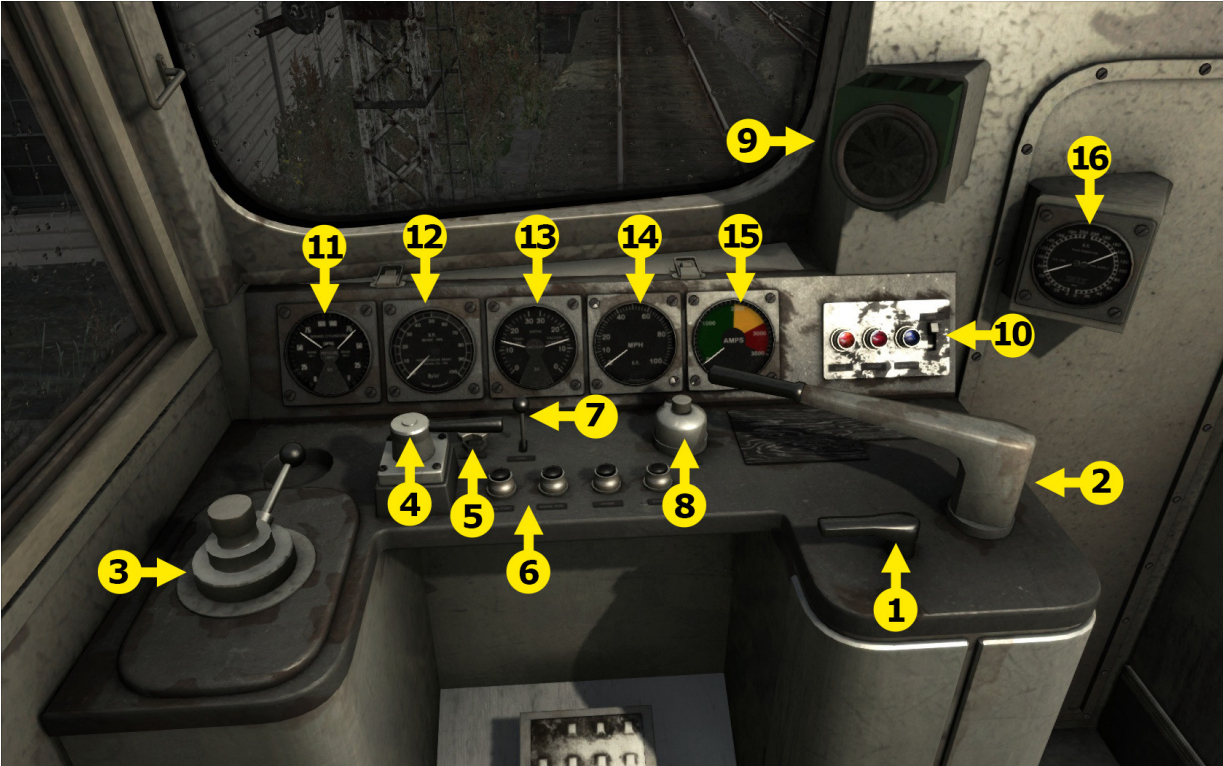


2.2 MK1 Coaches



3 Driving the Class 27

3.1 Cab Controls



- | | | | |
|---|-----------------------|----|------------------------------------|
| 1 | Reverser | 9 | AWS Sunflower |
| 2 | Throttle | 10 | Instrument Lights |
| 3 | Train Brake | 11 | Bogie Brake Cylinder Pressure |
| 4 | Loco Brake | 12 | Brake Pipe Pressure |
| 5 | Wiper Switch | 13 | Vacuum Pipe/Vacuum Reservoir |
| 6 | Engine On/Off Buttons | 14 | Speedometer |
| 7 | Horn | 15 | Ammeter |
| 8 | AWS Reset | 16 | M.R Brake Pipe/M.R Suppy Pressures |

4 Scenarios

4.1 Training: Class 27 Simple Controls

Learn to drive the Class 27 Diesel Locomotive using simple controls.

4.2 Training: Class 27 Expert Controls

Learn to drive the Class 27 Diesel Locomotive using expert controls.

4.3 [27] Carlisle Connection

Following successful tests of the BRCW Type 2 on the eastern stretches of Dumfries and Galloway, the class has been introduced on western services. You will be driving one of these services, between Stranraer Harbour and Carlisle.

- **Duration** **50 minutes**

4.4 [27] Green Days

The all new BRCW Type 2 has started to be introduced on certain Anglo-Scottish services. Today you are in charge of such a service, between Carlisle and Kilmarnock.

- **Duration** **55 minutes**

5 Acknowledgements

Dovetail Games would like to thank the following people for their contribution to the development of the Class 27 in BR Green.

Beta Testing Team

