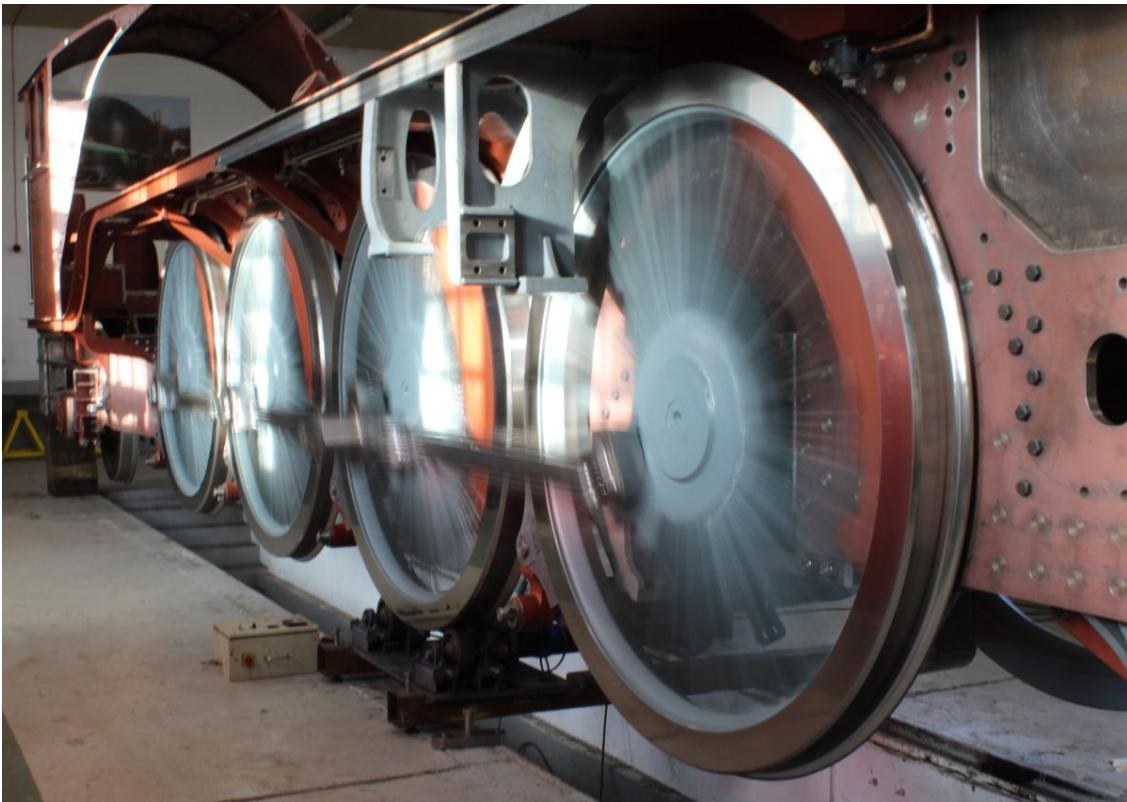


# THE MIKADO MESSENGER



Welcome to edition No. 87 of *The Mikado Messenger*. February has seen a hive of activity at Darlington Locomotive Works as the coupling rods revealed in the last issue of *The Mikado Messenger* have been secured and tested, while work continues to fabricate steam and water pipe fittings.

## P<sup>2</sup>OETRY IN MOTION



Since our update at the beginning of February, work has progressed attaching the coupling rods to the wheels, ready for testing on the rotator. This involved fabricating gradient pins to fasten the rods, and fitting the horn stays beneath the frames to secure the wheels, before the locomotive was jacked up (the jacks then making a hasty journey south to Loughborough to aid *Tornado*'s overhaul!). The brake gear has also been fitted ready for set up. The rotator was then put in place to turn the second pair of driving wheels, with the rods keeping all eight in unison. Follow the link below to see some great footage of the wheels and crank axle turning!

Following the initial engineering tests, the railway press were invited to visit Darlington Locomotive Works to celebrate this milestone with us earlier today and see the spectacle for

themselves. If you would like to witness some of the first rotations of the P2's wheels , please visit DLW on our 5th March open day (details below).

[Video of the Action](#)



Press gather to see the wheels turn on No.2007 *Prince of Wales*.

**MANUFACTURING THE MOTION**



The final motion components are being machined at Stephenson Engineering ready for delivery this month. Follow the link to watch a short video and see sparks fly as they grind the studs for the big end straps.

[Video of Machining](#)

The delivery of these final components completes the motion for the P2, and the hugely successful Motion Club will close on 28th February. To reach our target we need just one more person to join the club. Will you help us do the loco-motion?

[Find out more about The Motion Club](#)

## MONOBLOCK AND MACHINING



In the second week in February, the team visited Howco in Irvine to see the progress on the monoblock cylinder casting. They happily report that everything is on schedule for us to take delivery in the Summer.

Closer to home, our apprentice and skilled volunteers push forward fabricating fittings for steam and water pipes from bronze bar. Components such as these are not available to buy off the shelf and we rely on our machinists and skilled artisans to create them.



## HOW YOU CAN HELP



We say it every time, but it's true - we couldn't do it without you!

You can help us bring the steaming of the P2 ever nearer by increasing your monthly donations  
or by supporting one of our other Clubs:

- [The Cylinder Manufacturing Club](#) • [The Boiler Club](#)
- [The Tender Club](#) • [The P2 Support Coach Appeal](#)
- [The Injectors Club](#) • [The Motion Club](#) (closing 28th February 2022).

Sign up at [p2steam.com](http://p2steam.com), email [enquiries@p2steam.com](mailto:enquiries@p2steam.com) or call 01325 460163.

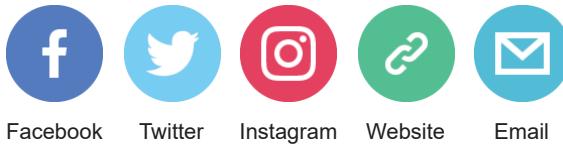
# DARLINGTON LOCOMOTIVE WORKS OPEN DAYS - COME AND SEE OUR P2 PROGRESS



Our Open Days are back to their traditional open-house format on the first and third Saturdays of the month from 11:00hrs until last entry at 16:00hrs. No. 60163 *Tornado* was completed at DLW in 2008 and visitors to the Works can see the spectacular progress that the Trust is making with its second new main line steam locomotive, Gresley class P2 No. 2007 *Prince of Wales*. Pay us a visit to see the newly attached motion in all its splendour!

Please keep an eye on our website and Facebook pages for updates, call 01325 460163 or email [enquiries@p2steam.com](mailto:enquiries@p2steam.com) if you have any questions.

During the working week, the Works remains closed to casual visitors. If you can assist with our DLW Open Days please email [volunteer@p2steam.com](mailto:volunteer@p2steam.com).



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