

REAL Torque

July 2020

Contact maintenance for any questions on 0800 80 80 69



It's been **5**
YEARS since our
first issue!

July 2020 marks 5 years since
TR Group started **REAL TORQUE**.

Initially intended to raise awareness with our team around not only the maintenance issues we see but, also cover off topics that would be good to have a better understanding of, such as technology and compliance changes. You will find Real Torque in the lunchrooms of not only our own branches but also our suppliers and customers. You can even find Real Torque online at MY TR.

Since July 2015, Real Torque has been published 61 times.

Topics, while trying to be relevant to maintenance, have varied from our first edition on batteries, to such topics as:

- Cooling Systems
- EWP's
- Service Schedules
- ORS and HMPV Permits

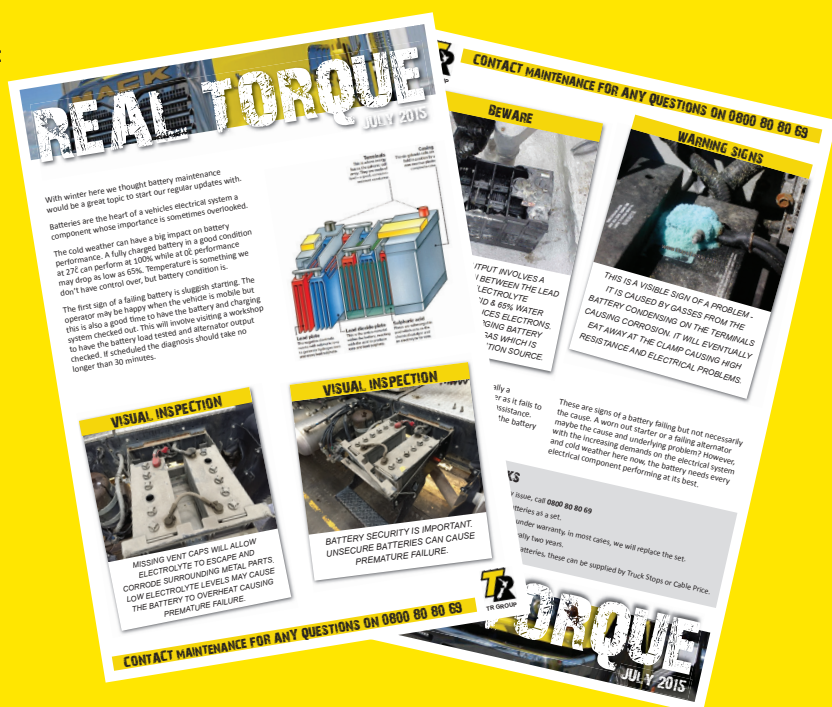
This month, we will cover batteries on page 2, a topic we have covered twice before.

Before we get into this month's topic on batteries, check out this copy of the first edition of Real Torque from 2015!

We need your help this month.

We are looking for some feedback, so tell us:

- What do you like? What don't you like?
- What would you want to see more of?
- Any topics you want published let us know?
- Email me at Scott.Donnelly@trgroup.co.nz



Batteries

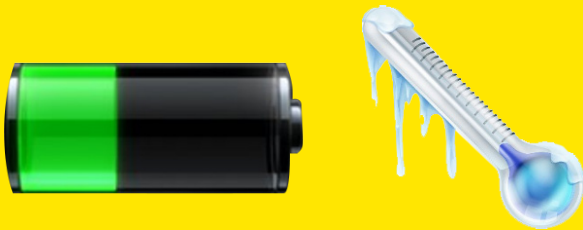
With a few months ahead of winter to go, we thought it was relevant to cover off batteries.

Did you know that during winter, we see a marked increase in the number of jump starts and battery replacements taking place. If a battery is going to fail, then winter tends to be the time that it will.



Low temperatures not only increase the amount of electrical resistance required to start a truck, it also thickens engine oil making the batteries have to work even harder. Its not uncommon in winter for your starting system to require twice the amount of electric current needed to start your truck as it does in summer.

Did you know that at 0°C a typical battery's strength is reduced by over a 1/3 compared to 20°C?



Batteries are dangerous!

During charging and discharging, highly explosives gases are produced. It is important that only trained people are involved in jump starting or replacing batteries.



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What to look for with your batteries.

- 1 Make sure that your batteries are secure and any clamps are tight. An unsecured battery is unsafe and can lead to damage. If your truck has a battery cover, make sure it's in place.
- 2 Ensure that all vent caps are in place.
- 3 All cables are secure and clean of corrosion.
- 4 Make sure the battery surface is clean with no sign of damage to the outer casing or wiring.



Tips and Tricks

- ▶ If your battery is flat and you need a jump start, call 0800 80 80 69
- ▶ A battery deteriorates with time. If you suspect your battery is getting weak and needs to be checked, you can ask your workshop to test the battery and the vehicle's charging system.
- ▶ A typical battery will last between 2-3 years but requires regular maintenance to ensure a long life.
- ▶ If a battery needs to be replaced, we will generally replace them as a set rather than just the one.
- ▶ Did you know that most American trucks still have a 12V system rather than the conventional 24V system seen in most Japanese and European trucks? This is why it's important that only trained people are involved in jump starting.

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