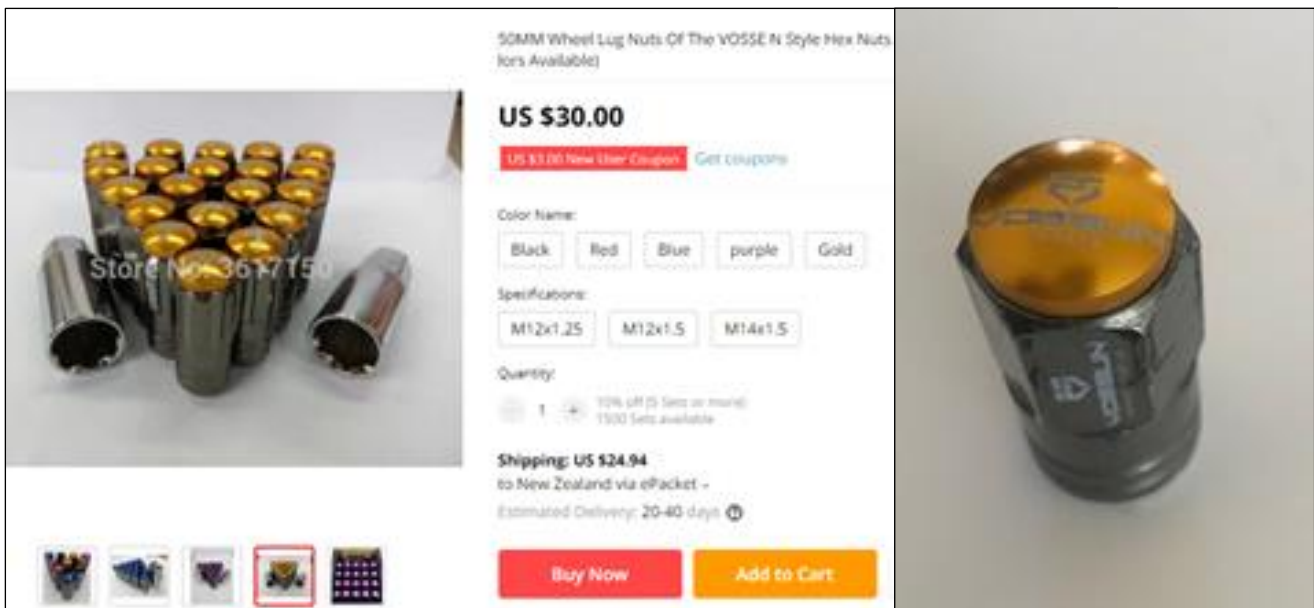


Helping New Zealanders Build & Modify Safe Vehicles



UNSAFE AFTERMARKET WHEEL NUTS

An LVV Certifier recently discovered a set of poor-quality and unsafe aftermarket wheel nuts fitted to a vehicle he was inspecting for LVV certification. The (brand new) wheel nuts had significant play in the threads when wound onto the wheel studs. The branding marked on the poor-quality wheel nuts was ‘VOSSUN’, which is a very similar name to the well-known and reputable ‘VOSEN’ brand.



► Technical Issues

The poorly-formed threads on these wheel nuts resulted in improper thread contact, which increases the likelihood of the threads being stripped or the wheel nuts coming loose. The video [‘LVVTA Safety Alert – VOSSUN aftermarket wheel nuts’](#) on LVVTA’s YouTube channel shows the extent of play caused.

These were branded as ‘VOSSUN’ and are available to purchase online via AliExpress. They can also be found listed under other variants of the name (for example ‘Vosse N’). It is important to distinguish that although these wheel nuts and their branding look very similar to the ‘VOSEN’ branded wheel nuts (a more widely-known and reputable wheel manufacturer), they are not manufactured by VOSEN.

For more information on unsafe aftermarket wheel nuts, please refer to LVVTA *Safety Alert # 03-2018 – Aluminium Wheel Nuts*, and for LVV certification requirements for wheel nuts refer to LVV Standard 205-00 (Wheels & Tyres).

► Guidance for Vehicle Owners and LVV Certifiers

LVVTA advises LVV Certifiers, modifiers, and vehicle owners to avoid purchasing or using poor-quality aftermarket wheel nuts, which can be achieved by ensuring that wheel nuts come directly from a reputable manufacturer or supplier. If the source of wheel nuts is unknown, the risk can be reduced by carefully inspecting the threads of the wheel nuts, and ensuring that the threads of the wheel nuts engage correctly with the corresponding wheel studs.

 FOR FURTHER INFORMATION PLEASE CONTACT YOUR LVV CERTIFIER, OR LVVTA.