

Correct as at 26th April 2026. It may be superseded at any time.

Extract taken from: Heavy vehicle specialist certification > Technical bulletins > Heavy vehicle power pack upgrades to meet emissions requirements

17 Heavy vehicle power pack upgrades to meet emissions requirements

This technical bulletin replaces memo 59.

A heavy vehicle entering (or re-entering) service may be repowered to meet the requirements of the [Land Transport Rule: Vehicle Exhaust Emissions 2007](#) by replacing its non-compliant heavy vehicle power pack (Note 1).

Requirements for a repower

- The repower must meet the applicable emissions standard, and
- The repower and its installation must be to the specifications and instructions of the manufacturer of the power pack for the application or be an alternative approved by the vehicle manufacturer, and
- Where final drive or other installation conditions are specified by the manufacturer, they must be met and noted in the final certification, and
- The repower is to be certified by an HVSC with the chassis (HVEC) category, confirming that it meets all the above requirements, and
- Supporting documentation from the power pack or vehicle manufacturer must be available.

Note 1

Power pack means the engine, its radiator/cooling pack, induction and exhaust systems (including layout), and any accessories or emissions control equipment (such as *add blue*) specified by the manufacturer.

Note 2

In-service repowers, whether considered modifications or repairs, are not affected by [Land Transport Rule: Vehicle Exhaust Emissions 2007](#).

Note 3

If an engine or power pack is replaced by a unit by the same manufacturer, part number, specification and emission standard then it is considered a repair and not a modification and is not affected by the requirements of the Rule.