

CERTIFIED EMISSIONS KITS FOR EMD LOCOMOTIVES



Progress Rail provides emissions solutions for EMD engines and continues to lead the industry in emissions compliance. One of the EPA's guiding principles for the 40 CFR Part 1033 rule was to achieve sizable reductions in emissions as early as possible. Progress Rail's skilled emissions research team met this challenge using extensive analysis and testing to develop the most advanced emissions solutions for locomotive applications for EMD 710 and 645 engines.

Systems Integration

Progress Rail's complete OEM systems knowledge allows for the most reliable and fuel efficient emission kits. Meeting emissions is not a piece-part activity, but a finely-tuned balance between emissions compliance and fuel efficiency for a locomotive system. Reverse engineered parts lack the proven reliability, locomotive systems integration, and support that only Progress Rail as the OEM can provide.

EPA Compliance

EPA 40 CFR Part 1033 requires locomotive engines, including all EMD models originally manufactured in 1973 or later, to meet stringent particulate matter and NOx standards when overhauled. Installing an EPA certified EMD emissions kit ensures full regulatory compliance with Part 1033 requirements throughout a locomotive's useful life.

EMD Emissions Kit Contents

- UL Power Assemblies
- OEM Emissions Specification Fuel Injectors
- Aftercoolers and Plumbing (as needed)
- Software Upgrade (as required)
- Oil Separator and Fittings (as needed)
- Engine Emissions Label
- Locomotive Emissions Label
- Installation Instructions
- Kit Registration Card

EMD Emissions Kit Benefits

- OEM engineered, designed, and tested upgrades, providing particulate matter and NOx reductions throughout the locomotive's useful life
- Significantly cuts lube oil consumption
- Reduces or maintains previous fuel consumption levels
- Application of the kits per the Engineering Test Instructions and Maintenance Instructions achieves full compliance with EPA regulations per 40 CFR Part 1033

EMD Emissions Kit Availability

Kits are available for all EMD Model 710 and 645 locomotive engines.

Progress Rail

A Caterpillar Company

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progressrail.com

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