



omrg39496 - 2.9 L OEM Diesel Engines (Final Tier 4/Stage IV/Stage V Platform) -: (Worldwide Edition) - Removing Engine from Long-Term Storage

NOTE:

The following storage removal procedure is used for long-term engine storage up to one year. After that, the engine should be started, warmed up, and retreated for an extended storage period.

Refer to the appropriate section for detailed services listed below or have an authorized servicing dealer or engine distributor perform unfamiliar services.

1. Remove all protective coverings from engine. Unseal all openings in engine and remove covering from electrical systems.
2. Remove grease from all exposed metal surfaces.
3. Remove the batteries from storage. Install batteries (fully charged) and connect the terminals.
4. Install fan and alternator poly-vee belt, if removed.
5. Fill fuel tank.
6. Perform all appropriate prestarting checks. See *Daily Prestarting Checks* in the *Lubrication & Maintenance — Daily Section* for more information.

7.

IMPORTANT:

DO NOT operate starter more than 30 seconds at a time. Wait at least 2 minutes for starter to cool before trying again.

Crank engine for 20 seconds with starter. Do not allow the engine to start. Wait 2 minutes and crank engine an additional 20 seconds to assure bearing surfaces are adequately lubricated.

See your authorized dealer for the proper procedure for your application.

8. Start engine and run at low idle and no load for 15 minutes.
9. Shut engine off. Change engine oil and replace filter.
10. Warm up engine and check all gauges before placing engine under load.

11. On the first day of operation after storage, check overall engine for leaks and check all gauges for correct operation.

NOTE:

If using BioDiesel blends after long-term storage, frequency of fuel filter plugging can increase initially.

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