

Currently Verified Level 3 Devices for Off-road Diesel Vehicles

Passive Retrofits	Retrofit Name	Engine Applicability	Comments
	Caterpillar DPF	175-600 HP 1996-2008 Models	<u>Verified: 3/7/2008</u> Exhaust Temp must meet required duty-cycle.
	Cleaire Allmetal	150-600 HP 1996-2010 Models	<u>Verified: 12/21/2009</u> Exhaust Temp must meet required duty-cycle.
	Cleaire Lonestar	150-350 HP Engines 1996-2009 Models	<u>Verified: 12/23/2008</u> Exhaust Temp must meet required duty-cycle.
	DCL Mine-X Sootfilter	100-1000 HP Engines 1996-2009 Models	<u>Verified: 1/24/2008</u> Exhaust Temp must meet required duty-cycle.
	ECS Purifilter	50-750 HP Engines 1996-2007 Models	<u>Verified: 10/20/2008</u> Exhaust Temp must meet required duty-cycle.
Active Retrofits (may require additional infrastructure)	Cleaire Horizon	Up to 15L Engine Through 2007 Models	<u>Verified: 1/26/2007</u> As of 1/27/2010, Cleaire Horizon installations suspended by ARB
	Cleaire Phoenix	Up to 12L Engine 1996-2007 Models	<u>Verified 4/20/2009</u>
	ECS Combifilter	Up to 12L Engine Through 2007 Models	Verified: 12/13/2004 Infrastructure needed. Only Tier 2 Engines to 25 HP/all other Tiers \geq 175 HP
	ESW ThermaCat	175-350 HP Engines 1996-2009 Models	<u>Verified: 9/17/2009</u> Engine must be minimum 5 Liter/Displacement.
	Huss MK	Not restricted by engine size or age, but not verified for EGR engines.	<u>Verified: 11/13/2006</u>

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