

1. Record Nr.	UNINA9910438318703321
Autore	Khair Magdi K
Titolo	Diesel Emissions and Their Control
Pubbl/distr/stampa	Warrendale : , : SAE International, , 2006 ©2006
Edizione	[1st ed.]
Descrizione fisica	1 online resource (583 pages)
Altri autori (Persone)	MajewskyW. Addy
Disciplina	629.25/28
Soggetti	Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Diesel engine basics -- The case for the diesel engine -- Engine fundamental and design parameters -- Air induction for diesel engines -- Diesel fuel injection -- Combustion in diesel engines -- Emissions formation in diesel engines -- Diesel emissions -- Characterization of emissions -- Health and environmental effects -- Measurement of emissions -- Emission regulations -- Diesel fuels -- Petroleum Diesel Fuel -- Alternative Diesel Fuels -- Emission control through engine design -- Emerging technologies and the modern diesel engine -- Water assition to diesel combustion -- Exhaust gas recirculation in diesel engines -- Controls for modern diesel engines -- Exhaust gas aftertreatment -- Emission control catalysts -- Diesel catalysts -- Diesel particulate filters -- Diesel filter materials -- Diesel filters systems -- Plasma exhaust treatment.