Diesel Engine Operation And Diagnosis Chapter 19

AC	ROSS					ſ	1																				
1	Urea is called	6																									_
		2				Щ																					
	in	3										-								la	_		_				
	North America and					Щ															4			15			
	AdBlue in Europe.					-														_	\dashv			-	4	6	7
2	Ford 7.3 and 6.0 liter	[7	7		1 1						8		1	1							\dashv					+	
	diesels use	L				Щ														+	\dashv			+		+	
	a system called a					-		9	7												\dashv			ŀ	_		-
		[1	10	11	12	1														H	\exists			ŀ	_	_	
		13																						ľ			
3	system.		'										-											Ī			
	is a method used to	1													14												
	reduce NOx				-									15						4	_			ļ	_		
	emissions by injecting	-			-																			}	_		
	urea into the exhaust	-			+ -	1		16					Т	1				$\overline{}$	1		_		Т			1	
7	stream.	ŀ			┨																						
		ŀ			+	1						17	Т					Т			Т		Т	+		T	
	are used in				1	†	18					L															
	all light-duty]	1		ļ		19																	
	diesel vehicles,] [•	•	•					•	•		•						
13	since 2007. The																										
	has	http://jameshalo	derman com																								
	two pressure sample	usually				particulate							the lif	:+ n. m	n n			nt oo									
14	lines.	drawn from the fuel tank by a 17 In an				particulate matter is			are used in all light-duty diesel			the lift pump is a		•	percentage of light that				40 Incoming on								
'	is a heating					19		:								:	is blocked by the			12 Incoming air is			-				
	element that uses 12	separate pump, c		lled refers to tin		 s to tiny	engines, since 2007.				6 is used as nitrogen			exhaust smoke.				compressed until its									
	volts from the battery	a diesel and delivers engine, fuel		paticles of solid or				4 A diesel engine uses a fuel system with			fertilizer. 8 A is a device used			10 lna			_	temperature reaches about 1,000°F									
	and aids in the starting	the fuel to is injected the injection into a small pump. prechamber, 16 Newer diesel which is			semisolid material								is a			diesel engine, fuel											
	of a cold engine by				hamber,	suspe in the		ended		a precisionand individual fuel				for checking a diesel			is injected directly into			(540°C) and is called							
	providing	oviding engines use conn at to help a fuel the c e fuel to delivery by a		nected to		atmosphere.							inject	njector		the cylinder.			er.	is called							
	the fuel to			the cylinder by a narrow				DO					prop		ozzle for roper spray		11 The process of purging										
	ignite. The diesel	system referred		oper 18 Anot		1					ctors. ween tl	ne	9	patte	m. 			soot t		;							
	fuel is	as a		nam	efor					fue	l tank a	and		mean	is the			descr	ribed	as							