

Chapter	Subject	Level	Module	Title	Description
1	1	Initiation	1164	Engine mechanical components	Which components make up an engine block?
1	1	Initiation	1166	Cylinder head	What is the name of the housing for the valve mechanism?
1	1	Initiation	1168	Camshaft	What are the function, location and shape of a camshaft?
1	1	Mastery	1170	Valves	What opens and closes the exhaust channel?
1	1	Initiation	1172	Pistons	What component converts the combustion force into movement?
1	1	Initiation	1389	Diesel engine introduction	In which type of engine will diesel fuel and air be converted to power?
1	1	Mastery	1399	Crankshaft	Which component converts the upward and downward movement of the piston into a rotating movement?
1	1	Mastery	1580	Connecting rod	Which component connects the piston to the crankshaft?
1	1	Initiation	1626	Engine Block	In which component can you find the cylinders?
1	1	Initiation	1793	Piston movement	What influence does the crank-connecting rod mechanism have on the movement of the piston?
1	1	Initiation	2640	Engine mechanical components quiz	With this quiz you can test your knowledge on this subject.
1	1	Initiation	2641	Cylinder head quiz	With this quiz you can test your knowledge on this subject.
1	1	Mastery	2642	Camshaft quiz	With this quiz you can test your knowledge on this subject.
1	1	Mastery	2644	Valves quiz	With this quiz you can test your knowledge on this subject.
1	1	Initiation	2646	Pistons quiz	With this quiz you can test your knowledge on this subject.
1	1	Mastery	2739	Connecting rod quiz	With this quiz you can test your knowledge on this subject.
1	1	Initiation	2745	Engine Block quiz	With this quiz you can test your knowledge on this subject.
1	1	Mastery	2754	Crankshaft quiz	With this quiz you can test your knowledge on this subject.
1	1	Initiation	2781	Diesel engine introduction quiz	With this quiz you can test your knowledge on this subject.
1	1	Initiation	2845	Piston movement quiz	With this quiz you can test your knowledge on this subject.
1	1	Initiation	200001168	Camshaft - basics	What are the function, location and shape of a camshaft?
1	1	Initiation	200001169	Valve operation - basics	What system enables the valves to open and close?
1	1	Initiation	200001170	Valves - basics	What opens and closes the exhaust channel?
1	1	Initiation	200001399	Crankshaft - basics	Which component converts the upward and downward movement of the piston into a rotating movement?
1	1	Initiation	200001580	Connecting rod - basics	Which component connects the piston to the crankshaft?
1	1	Initiation	200001792	Crank-connecting rod mechanism - basics	What is the crank-connecting rod ratio and what forces work on this mechanism?
1	1	Initiation	200002642	Camshaft quiz - basics	With this quiz you can test your knowledge on this subject.
1	1	Initiation	200002643	Valve operation quiz - basics	With this quiz you can test your knowledge on this subject.
1	1	Initiation	200002739	Connecting rod quiz - basics	With this quiz you can test your knowledge on this subject.
1	1	Initiation	200002754	Crankshaft quiz - basics	With this quiz you can test your knowledge on this subject.
1	1	Initiation	200002844	Crank-connecting rod mechanism quiz - basics	With this quiz you can test your knowledge on this subject.
1	2	Initiation	443	Mechanical coolant pump	How does a mechanical coolant pump work?
1	2	Initiation	1973	Lubrication	What role does a lubricant play and why is it used?
1	2	Initiation	1976	Oil pump	Which component of the lubrication system ensures the supply of oil at sufficient oil pressure?
1	2	Initiation	1990	Lubrication system oil seals	How to prevent oil leakage in a lubrication system?
1	2	Initiation	2010	Oil change	How to change the engine oil?
1	2	Initiation	2475	Lubrication quiz	With this quiz you can test your knowledge on this subject.
1	2	Initiation	2477	Oil pump quiz	With this quiz you can test your knowledge on this subject.
1	2	Initiation	2490	Lubrication system oil seals quiz	With this quiz you can test your knowledge on this subject.
1	2	Initiation	2492	Oil change quiz	With this quiz you can test your knowledge on this subject.
1	2	Initiation	2507	Mechanical coolant pump quiz	With this quiz you can test your knowledge on this subject.
1	2	Initiation	200001976	Oil pump - basics	Which component of the lubrication system ensures the supply of oil at sufficient oil pressure?
1	3	Initiation	265	EDC: Characteristics	What are the characteristics of the EDC system?
1	3	Initiation	401	EDC: Fuel Circuit	What route does the fuel take through the EDC system before ending up in the combustion chamber?
1	3	Initiation	402	EDC: Overview	Which components make up the EDC system?
1	3	Initiation	403	EDC: Operating conditions	How does an EDC diesel system work under different
1	3	Initiation	1798	In-line plunger pump	How do you ensure that a diesel engine is injecting the correct quantity of fuel? How can you recognise a in-line plunger pump system?
1	3	Mastery	1806	Mechanical Injector	How is a precise quantity of fuel injected into the engine?
1	3	Initiation	1807	Pump injector: overview	What components make up the pump injector system?
1	3	Initiation	1921	In-line plunger pump: Primer pump	How do you transport fuel from the fuel tank to the in-line plunger pump?
1	3	Initiation	2681	EDC: Characteristics quiz	With this quiz you can test your knowledge on this subject.
1	3	Initiation	2704	EDC: Fuel Circuit quiz	With this quiz you can test your knowledge on this subject.
1	3	Initiation	2705	EDC: Overview quiz	With this quiz you can test your knowledge on this subject.
1	3	Initiation	2706	EDC: Operating conditions quiz	With this quiz you can test your knowledge on this subject.
1	3	Initiation	2864	In-line plunger pump: Primer pump quiz	With this quiz you can test your knowledge on this subject.
1	3	Initiation	3011	In-line plunger pump quiz	This is the quiz to the lesson In-line plunger pump.
1	3	Mastery	3019	Mechanical Injector quiz	This is the quiz to the lesson Mechanical Injector.
1	3	Initiation	3020	Pump injector: overview quiz	This is the quiz to the lesson Pump injector: overview.
1	3	Initiation	200000265	EDC: Characteristics - basics	What are the characteristics of the EDC system?
1	3	Initiation	200000294	CRD: injector - basics	How do you inject an electronically specified quantity of diesel into the intake air?
1	3	Initiation	200000396	CRD: fuel circuit - basics	What route does the fuel take through a CRD system before arriving in the combustion chamber?
1	3	Initiation	200001630	DI: injector - basics	How do you add an electronically determined amount of highly atomised petrol to the intake air flow?
1	3	Initiation	200001808	Pump injector - basics	How is a precise quantity of fuel injected into the diesel engine under high pressure?
1	3	Initiation	200002689	CRD: injector quiz - basics	With this quiz you can test your knowledge on this subject.
1	3	Initiation	200002696	Multipoint injector quiz - basics	With this quiz you can test your knowledge on this subject.
1	3	Initiation	200002701	CRD: fuel circuit quiz - basics	With this quiz you can test your knowledge on this subject.