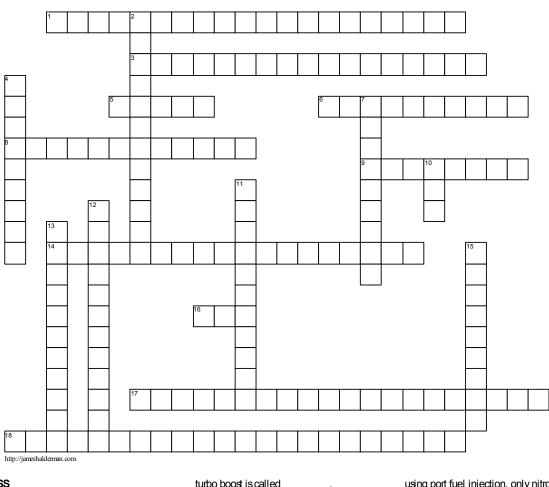
Turbocharging And Supercharging Chapter 12



AC

9 The delay between acceleration and

ACROSS			turbo boost is called		using
		14	An engine that uses atmospheric		oxide
1	The roots-type supercharger is called		pressure for its intake charge is		the F
	adesign,		called a		provi
	because all of the air that enters is		engine.		being
	forced through the unit.	16	A is a type of relief valve that	7	Α
3	The was		routes the pressurized air to the inlet		door
	patented in 1860 as a type of water		side of the turbocharger for reuse and	10	The
	pump to be used in mines.		is quiet during operation.		desig
5	When air is pumped into the cylinder,	17	isa		until
	the combustion chamber receives an		measure of how well an engine	11	Many
	increase of air pressure known as		breathes		are e
	, and can be measured in PSI.	18	use an		that a
6	A is a device or system		air pump to pack a denser air-fuel		into t
	added to an engine, such as a		charge into the cylinders.		the s
	supercharger, turbocharger, or			12	
	nitrous oxide, to increase power.	DO	MN .		nonfl
8	Ais an engine-driven			13	An_
	air pump that supplies more than the	2	Auses the heat of the		radia
	normal amount of air into the intake		exhaust to power a turbine wheel and		throu
	manifold and boosts engine torque		therefore does not directly reduce		heate
	and power.		engine power.	15	The

4 In a ____, such as an engine

	using port fuel injection, only nitrous			
	oxide needs to be injected because			
	the PCM can be commanded to			
	provide more fuel when the N2O is			
	being sprayed.			
7	Ais a valve similar to a			
	door that can open and dose.			
0	The features an adjustable spring			
	design that keeps the valve closed			
	until a sudden release of the throttle.			
1	Many factory installed superchargers			
	are equipped with a			
	that allows intake air to flow directly			
	into the intake manifold, bypassing			
	the supercharger.			
2	is a colorless,			
	nonflammable gas			
3	Anissimilar to a			
	radiator, wherein outside air can pass			
	through, cooling the pressurized			
	heated air.			
5	Theinvolves additional			
fuel being injected.				