

Head Gasket Diagnosis

Meets NATEF Task: (A8-A-1) Inspect engine assembly for fuel, oil, coolant, and other leaks; determine necessary action. (P-1)

Name		Date	Time on Task
Make/Model/Year		VIN	Evaluation: 4 3 2
A blown (defective) he defective, perform the	_		e. To verify that a head gasket is
1. Is excessive cold weather		visual at the tail pipe (di	sregard normal steam that occurs in
	ОК	NOT OK	
2. Check for vi head.	sual signs of	f coolant or oil leakage be	tween the block and the cylinder
	ОК	NOT OK	
3. Is the level of indicate a de			than normal coolant level can
(ОК	NOT OK	
4. Does the eng	gine run corr	rectly (a blown head gask	et often causes the engine to miss)?
	OK	NOT OK	
kit to determ involves drav	ine whether wing coolan	exhaust gases are presen	ed and use an exhaust gas analysis t in the coolant. One common test the liquid in it and if it changes color to the coolant.
	OK	NOT OK	
6. Start the eng above the op			check for CO and/or HC emissions
	ОК	NOT OK	
7. Based on the	test results,	, what is the necessary ac	tion?