

Engine Disassembly
Meets NATEF Task: (A1-C-1) Disassemble engine block; clean and prepare components for inspection and reassembly. (P-1)

Name	Date	Time on Task
Make/Model/Year	VIN	Evaluation: 4 3 2
This procedure is for overheather the factory service information		verhead camshaft engines, consult
1. Remove all coolant	and engine oil from the engine	e.
2. Clean the engine with	th degreaser and/or a pressure	washer.
3. Install the engine on	an engine stand.	
4. Remove the exhaust	and the intake manifolds.	
5. Remove the cylinder	r head(s) being certain to follo	ow the torque table backwards
starting with the high	hest number and working tow	ard the lowest number to help
prevent warping the	cylinder head.	
6. Remove the harmon	ic balancer and timing chain o	cover.
7. Remove the timing of	chain and camshaft.	
8. Remove the oil pan	(replace all pan bolts back int	o the block rails to prevent loss if
possible).		
9. Remove the oil pick	up and pump (if in the oil pan	n).
10. Mark the connecting	grods if not already marked fr	rom the factory or during a previous
service.		
11. Remove the ridge:		
enough threa b. Expand the a c. Locate the c d. Apply the sp e. Cut the ridge f. Stop cutting of the bore.	ads will be above the tool to cotool to the proper bore size. utter blade slightly below the pring tension to the cutter blade.	ridge and tighten the lock screw.
12. Remove the pistons	and the rods (keep the rod cap	os together).