Engine Disassembly

Meets ASE Task: (A1-C-2) P-1 Disassemble engine block; clean and prepare components for inspection and reassembly.

Name	Date	Time on Task
Make/Model/Year	VIN	Evaluation: 4 3 2 1
This procedure is for o the factory service info		overhead camshaft engines, consult
1. Remove all c	polant and engine oil from the engin	ne.
2. Clean the eng	ine with degreaser and/or a pressure	e washer.
3. Install the eng	gine on an engine stand.	
4. Remove the 6	exhaust and the intake manifolds.	
5. Remove the c	ylinder head(s) being certain to follo	ow the torque table backwards
starting with	the highest number and working tow	vard the lowest number to help
prevent warp	ing the cylinder head.	
6. Remove the h	narmonic balancer and timing chain	cover.
7. Remove the t	iming chain and camshaft.	
8. Remove the o	oil pan (replace all pan bolts back int	to the block rails to prevent loss if
possible).		
9. Remove the o	oil pickup and pump (if in the oil par	1).
10. Mark the con	necting rods if not already marked f	from the factory or during a previous
service.		
11. Remove the r	idge:	
enouş b. Expa	I the tool into the cylinder and positions threads will be above the tool to ond the tool to the proper bore size. The the cutter blade slightly below the	cut the entire ridge.
** •	y the spring tension to the cutter blace ridge.	de.
f. Stop of the	cutting as soon as the ridge has been bore.	removed to avoid tapering the top
g. Remo	ove the chips from the cylinder.	

_____12. Remove the pistons and the rods (keep the rod caps together).