

Component Procedures: Variable Valve Timing

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Component Procedures: Variable Valve Timing

Parts and Labor (itype_189)

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Variable Valve Timing > Actuator, R&R > Left ?	B	6.7	4.3
Remove & Replace	Variable Valve Timing > Actuator, R&R > Left ?	B	6.7	4.3
Remove & Replace	Variable Valve Timing > Actuator, R&R > Right?	B	6.4	4.1
Remove & Replace	Variable Valve Timing > Actuator, R&R > Right?	B	6.4	4.1
Remove & Replace	Variable Valve Timing > Solenoid, R&R > One	B	0.5	0.4

Camshaft Position Actuator Removal and Installation Warning (Article 13036)

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Warning:

Do not push or pull on the reluctor wheel of the camshaft position (CMP) actuator during removal or installation. The reluctor wheel is retained to the front of the CMP actuator by 3 roll pins. Pushing or pulling on the wheel may dislodge the wheel from the front of the actuator. The actuator return spring is under tension and may rotate the dislodged reluctor wheel, causing personal injury.