CLOYES®
ESTABLISHED IN 1921

Variable Valve Timing (VVT) Kits Camshaft Phasers and Solenoids



Built on Award-Winning Innovation: Your go-to solution for restoring engine performance with confidence.

Cloyes, a leader in timing systems since 1921, provides technicians with superior repair solutions with a kit that includes everything a technician needs: phasers, solenoids, chains, tensioners, guides, and sprockets, all in one package.

Why Choose Cloyes VVT Kits?

Complete Repair Solution: All necessary components included for a full, professional repair, reducing the risk of comebacks.

OE-Quality Materials: Manufactured using premium-grade materials to meet or exceed OE specifications ensuring durability and long-lasting performance

Rigorous Testing: Production Tested for individual part performance and system fit, reducing the risk of installation issues or comebacks.

Limited Lifetime Warranty: Backed by Limited Lifetime Warranty and century-long reputation offering unmatched repair confidence in every component.



What's in the Kit?

VVT Phasers – Restore engine performance with precision-engineered components.
VVT Solenoids - Optimize camshaft timing for smoother operation.
Complete Timing Chain System - All timing system chains, guides, tensioners & sprockets.

NEED PRODUCT SUPPORT?

CALL 479-646-1662 EXT. 228 INFO@CLOYES.COM **CLOYES.COM**

Cloyes, based in Fort Smith, Ark., is the North American leader and global designer, developer, manufacturer, and distributor of timing drive systems and components for original equipment manufacturers and the automotive aftermarket. Its products are mission critical components for engine performance and function and are used in high-performance and replacement applications. Cloyes serves a broad customer base, including wholesale distributors, national and local retailers, re-packagers, and production engine rebuilders, and sells its products under the Cloyes® brand worldwide and the Dynagear® and CY-LENT® brands throughout North America.

Variable Valve Timing (VVT) Kits
Camshaft Phasers and Solenoids

Variable Valve Timing (VVT) Phasers





VVT camshaft sprockets, also known as camshaft phasers, offer technicians a repair solution for higher mileage vehicles and include all necessary components for a complete repair.

- Precision-tooled tooth form ensures exact camshaft timing and reliable performance.
- High-quality materials for long-lasting durability under extreme heat, pressure, and wear.
- 100% production-tested for adjustable angle, leakage, locking pin function, and friction to guarantee precise fit and function.
- Includes torque-to-yield attachment bolts including valving bolts for proper installation, reducing the risk of failures or comebacks.
- Seamlessly integrates with existing timing systems, helping technicians restore engine efficiency with confidence.

Variable Valve Timing (VVT) Solenoids





VVT solenoids offer technicians a repair solution for higher mileage vehicles and include all necessary parts for a complete repair and guaranteed fitment with OEM wiring connectors.

- Built with premium materials and OEM-matching connectors for plug-and-play compatibility, simplifying installation.
- Designed for consistent oil flow control to optimize camshaft timing, improving engine response and fuel efficiency.
- 100% production-tested for fitment, leakage, maximum oil flow, and duty cycle, ensuring reliable performance under all conditions.
- Includes necessary components for a full repair and guaranteed fitment with OEM wiring connectors to ensure proper installation and solenoid function.

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Variable Valve Timing (VVT) Kits
9-0511SVVT



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VVT Solenoids - Optimize camshaft timing for smoother operation.
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Variable Valve Timing (VVT) Kits
9-0511SVVT

V6 3.6L
2011 - 2020



VARIABLE VALVE TIMING (VVT) KIT
Part No: 9-0511SVVT

APPLICATIONS			
2011-2017	Chrysler	200	V6 3.6L
2011-2020	Chrysler	300	V6 3.6L
2011-2016	Chrysler	Town & Country	V6 3.6L
2011-2014	Dodge	Avenger	V6 3.6L
2011-2020	Dodge	Challenger, Charger	V6 3.6L
2011-2015	Dodge	Durango	V6 3.6L
2011-2020	Dodge	Grand Caravan	V6 3.6L
2011-2019	Dodge	Journey	V6 3.6L
2014-2020	Jeep	Cherokee	V6 3.6L
2011-2015	Jeep	Grand Cherokee	V6 3.6L
2012-2017	Jeep	Wrangler	V6 3.6L
2018	Jeep	Wrangler JK	V6 3.6L
2013-2020	RAM	1500	V6 3.6L
2019-2020	RAM	1500 Classic	V6 3.6L
2012-2015	RAM	C/V	V6 3.6L
2014-2020	RAM	Promaster 2500, 3500	V6 3.6L

NEED PRODUCT SUPPORT OR HAVE INSTALLATION QUESTIONS?
BEFORE, DURING OR AFTER THE REPAIR. CALL US WITH ANY QUESTIONS.
CALL 479-646-1662 EXT. 228 | TECHSUPPORT@CLOYES.COM

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Variable Valve Timing (VVT) Kits
9-0738SVVT1



Built on Award-Winning Innovation: Your go-to solution for restoring engine performance with confidence.

Cloyes, a leader in timing systems since 1921, provides technicians with superior repair solutions with a kit that includes everything a technician needs: phasers, solenoids, chains, tensioners, guides, and sprockets, all in one package.

Why Choose Cloyes VVT Kits?

Complete Repair Solution: All necessary components included for a full, professional repair, reducing the risk of comebacks.

OE-Quality Materials: Manufactured using premium-grade materials to meet or exceed OE specifications ensuring durability and long-lasting performance

Rigorous Testing: Production Tested for individual part performance and system fit, reducing the risk of installation issues or comebacks.

Limited Lifetime Warranty: Backed by Limited Lifetime Warranty and century-long reputation offering unmatched repair confidence in every component.



What's in the Kit?

VVT Phasers – Restore engine performance with precision-engineered components.
VVT Solenoids - Optimize camshaft timing for smoother operation.
Complete Timing Chain System - All timing system chains, guides, tensioners & sprockets

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Variable Valve Timing (VVT) Kits
9-0738SVVT1

V6 3.5L, 3.7L
2011 - 2019



VARIABLE VALVE TIMING (VVT) KIT
Part No: 9-0738SVVT1

APPLICATIONS			
2011-2014	Ford	Edge	V6 3.7L
2011-2016	Ford	Edge	V6 3.5L
2011-2017	Ford	Explorer	V6 3.5L
2011-2012	Ford	F-150	V6 3.7L
2015-2016	Ford	F-150	V6 3.5L
2013-2016	Ford	Flex	V6 3.5L
2011-2017	Ford	Mustang	V6 3.7L
2013-2019	Ford	Police Interceptor Sedan	V6 3.7L
2013-2016	Ford	Police Interceptor Sedan	V6 3.7L
2013-2017	Ford	Police Interceptor Utility	V6 3.7L
2013-2019	Ford	Taurus	V6 3.5L
2015-2016	Ford	Transit 150, 250, 350, 350HD,	V6 3.7L
2013-2016	Lincoln	MKS, MKZ	V6 3.7L
2011-2016	Lincoln	MKX	V6 3.7L

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Variable Valve Timing (VVT) Kits
GM High Feature V6 Engine
9-0753SVVT



Built on Award-Winning Innovation: Your go-to solution for restoring engine performance with confidence.

For General Motors (GM) 2.8L, 3.0L, and 3.6L V6 engines, or HFV6, Cloyes has developed a complete VVT Timing Chain Kit providing coverage for more than 5.4 Million vehicles in operation. Designed for the replacement of timing chains, tensioners, sprockets, guides, VVT solenoids, and VVT actuators or cam phasers.

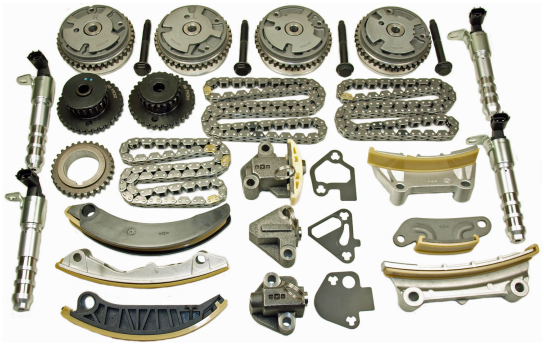
Why Choose Cloyes VVT Kits?

Complete Repair Solution: All necessary components included for a full, professional repair, reducing the risk of comebacks.

OE-Quality Materials: Manufactured using premium-grade materials to meet or exceed OE specifications ensuring durability and long-lasting performance

Rigorous Testing: Production Tested for individual part performance and system fit, reducing the risk of installation issues or comebacks.

Limited Lifetime Warranty: Backed by Limited Lifetime Warranty and century-long reputation offering unmatched repair confidence in every component.



What's in the Kit?

VVT Phasers – Restore engine performance with precision-engineered components.
VVT Solenoids - Optimize camshaft timing for smoother operation.
Complete Timing Chain System - All timing system chains, guides, tensioners & sprockets.

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Variable Valve Timing (VVT) Kits with Water Pump: 9-4201SB2K3



Built on Award-Winning Innovation: Your go-to solution for restoring engine performance with confidence.

Cloyes, a leader in timing systems since 1921, provides technicians with superior repair solutions. Our award-winning Variable Valve Timing (VVT) Kits, including camshaft phasers (sprockets), solenoids and timing components with a Water Pump are engineered for precision, durability, and optimal engine performance.

Why Choose Cloyes VVT Kits?

Complete Repair Solution: All necessary components included for a full, professional repair, reducing the risk of comebacks.

OE-Quality Materials: Manufactured using premium-grade materials to meet or exceed OE specifications ensuring durability and long-lasting performance

Rigorous Testing: Production Tested for individual part performance and system fit, reducing the risk of installation issues or comebacks.

Limited Lifetime Warranty: Backed by Limited Lifetime Warranty and century-long reputation offering unmatched repair confidence in every component.



What's in the Kit?

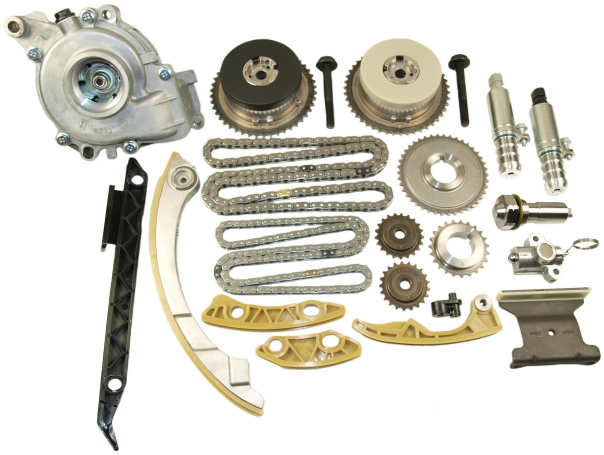
VVT Phasers – Restore engine performance with precision-engineered components.
VVT Solenoids - Optimize camshaft timing for smoother operation.
Complete Timing Chain System - All timing system chains, guides, tensioners & sprockets
Water Pump - 100% pneumatic leakage tested in full operational range with eight different test parameters: torque, flow, outlet pressure, temperature, inlet pressure, axis power, efficiency, and lift

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Variable Valve Timing (VVT) Kits with Water Pump: 9-4201SB2K3

L4 2.4L
2010



VARIABLE VALVE TIMING (VVT) KIT with WATER PUMP
Part No: 9-4201SB2K3

APPLICATIONS			
2010	Buick	Allure	L4 2.4L
2010	Buick	LaCrosse	L4 2.4L
2010	Chevrolet	Equinox	L4 2.4L
2010	GMC	Terrain	L4 2.4L