CLOYES®
ESTABLISHED IN 1921

Variable Valve Timing (VVT) Phasers and Solenoids

Built on Award-Winning Innovation: Cloyes VVT components deliver precision and performance.

Made with premium-grade materials to ensure durability and longevity. Each part is production tested to ensure quality fit, function, and performance. Engineered for precise fitment, seamless operation, and easy installation. Backed by Cloyes' commitment to quality and reliability.



Why Choose Cloyes VVT Components?

OE Fit, Form & Function: Manufactured using premium-grade materials 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.

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





Cloyes VVT Product Lineup:

Camshaft Phasers (Sprockets) – Restores engine performance and includes necessary fasteners for a complete repair.

VVT Solenoids – Controls oil flow to optimize camshaft timing and improve engine performance.

VVT Sprocket Bolts – Designed for proper torque retention and clamping, ensuring secure installation.

NEED PRODUCT SUPPORT?

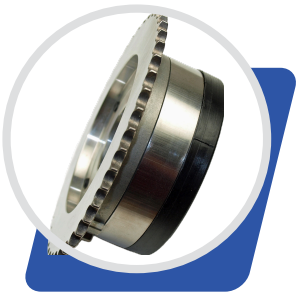
CALL 479-646-1662 EXT. 228 INFO@CLOYES.COM **CLOYES.COM**

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) Phasers

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. Trusted by professionals for over a century and backed by an industry-leading warranty and technical support.





- Designed and manufactured using premium materials.
- 100% tested and measured for function, fitment, and durability to ensure optimal performance. Test parameters include adjustable angle, leakage, locking pin functionality and friction.
- Includes new camshaft phaser torque-to-yield (TTY) attachment bolts including valving bolts to ensure proper installation and phaser function.
- Pro Tip: Cloyes recommends replacing the timing chain, tensioners, sprockets, and guides alongside VVT components to maintain system stability and ensure precise engine timing.

Features & Benefits:

- Precision-tooled tooth form ensures exact camshaft timing and reliable performance
- 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
- Backed by Cloyes Limited Lifetime Warranty and technical support, providing peace of mind on every repair.

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Variable Valve Timing (VVT) Solenoids

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: necessary attachment bolts, gaskets, o-rings, and any other surrounding components that may be impacted during the repair (e.g. leaking housing or sensors) and guaranteed fitment with OEM wiring connectors.

- Designed and manufactured using premium materials.
- 100% tested during production.
- Guaranteed fitment with OEM wiring connectors to ensure proper installation and solenoid function.

Features & Benefits:

- 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 attachment bolts, gaskets, o-rings, and guaranteed fitment with OEM wiring connectors to ensure proper installation and solenoid function
- Supported by Cloyes limited lifetime warranty and technical support, providing peace of mind on every repair.

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