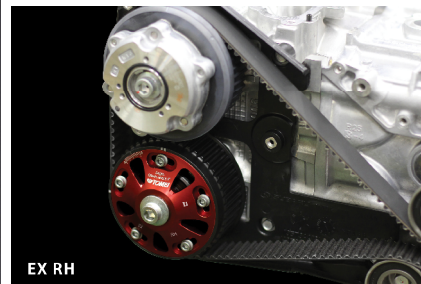
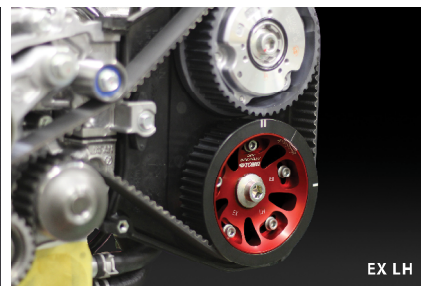




NEW  
RELEASE  
INFORMATION  
Vol.239 12.11

# ADJUSTABLE CAM GEAR for EJ Single AVCS

**Ultra Light,  
Highly Durable**



**The Exhaust Side Valve Timing Can Be Adjusted,  
The Intakes AVCS System Can Be Optimized.**

### SUPER LIGHTWEIGHT DURALUMIN

Duralumin was used for both the outer gear and the inner pulley section; we were able to significantly drop the weight whilst increasing durability.

### PRECISION

Both the pulley and the inner plate have been milled to perfection. This ensures it's functionality for timing accuracy and maximum durability.

### ULTRA DURABLE

The hard anodizing surface treatment of the pulley increases the products surface durability substantially. This also decreases the wear rate on the gears teeth contact areas.

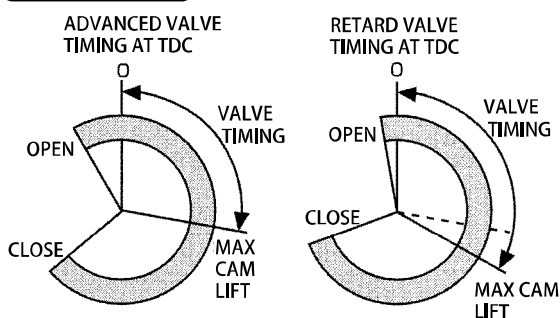
### SIMPLE SCALES FOR ADJUSTMENTS

A simple scale was designed to help aid tuners anywhere are able to setup the settings on the scale to aid with easy setup process.

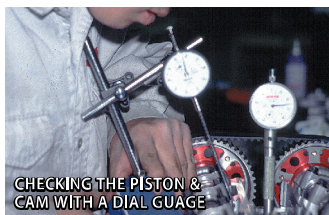
### PERFORMANCE USE & SHOWROOM FINISH

The Duralumin material with the hard anodized surface treatment gives it better operational reliability and will enhance the look of your engine bay for that showroom finish.

### SLIDE DESIGN



You can change the engines characteristics by making adjustments to the intake side with the adjustable cam pulley. When advancing the valve timing on the intake side, (i.e.: 120° → 110°) the low end power band will increase. When retarding the valve timing on the intake side, (i.e.: 110° → 120°) the high end power band will increase. The fixed position of the rock pin has been pre-set for the ideal valve timing by us. So during installation, you'll still need to verify the valve timing. This can be done with the use of a degree wheel and a dial gauge.



CHECKING THE PISTON & CAM WITH A DIAL GAUGE

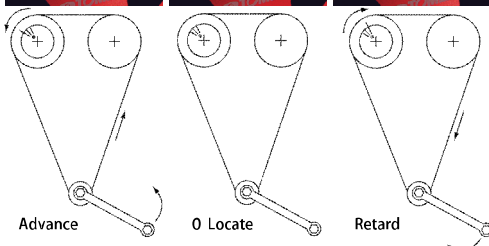


SCALE TO MEASURE THE CRANK ANGLE

### CHANGING PONCAMS VALVE TIMING



Does the PONCAM require valve timing adjustments? The PONCAM has been designed from the results of various tests, so we had pre-set the valve timing centerline to 110 degrees. This is the best base initial timing for both drivability and performance. It is easy and safe to fine tune to suit your needs from this start point. In this case, the dial gauge is not required. The PONCAMS have gained popularity because of this and often, the PONCAMS are the best choice for most users out there for its functionality.



	PART NUMBER	APPLICATION	TYPE	INNER PLATE MATERIAL	OUTER GEAR MATERIAL	WEIGHT (g)
EX RH	152013	EJ SINGLE	SLIDE	DURALUMIN	DURALUMIN	500
EX LH	152014	AVCS				480

APPLICATION: JDM GC8 / GDA A-G / GDB A-G  
USDM WRX '01 Onwards / STI '04-'07

**MSRP \$190.00 (USD)**

**TOMEI POWERED USA INC.**

13 ORCHARD SUITE 107, LAKE FOREST, CA 92630 USA

TEL : +1-949-855-6577 FAX : +1-949-855-6525 <http://www.tomeiusa.com>

Prices are subjected to changes without prior notice The images are for illustration purposes only & the color may differ from the actual product due to printing and publication errors.