



Product Preview

COMPILED BY THOMAS A. DeMAURO

SNOW PERFORMANCE STAGE 2 BOOST COOLER

Water/methanol-injection systems have come a long way since becoming prominent in the '70s for street cars as a way for high-compression engines to survive on lower-octane pump gas. Of course, these systems were also used in forced-induction applications to cool the incoming charge, making it denser and reducing the propensity for detonation.

Snow Performance has released an advanced system for '94-and-later LT1 and LS1 Pontiacs. According to the company, the Stage 2 Boost Cooler™ has improved activation that varies the quantity injected with mass airflow for better mid-range power and improved chemical intercooling. "That sounds great, but what does it mean? It means that supercharged, turbocharged, and even nitrous-injected MAF-equipped Firebirds and GTOs can enjoy more efficient operation in addition to the power that can be made by having a water/methanol system inject a fine mist into the intake tract to ward off detonation, allowing for more boost and a more aggressive tune.

By employing a digital variable controller (DVC), which can be tuned from the driver's seat, the system now works on demand by reading the frequency output of the MAF sensor and injecting the precise amount of water/methanol solution as needed. The DVC is adjustable for start and the full quantity to be injected, so its curve can be dialed into your combination. This equates to better driveability and more power than simple on/off systems.

Snow Performance's Stage 2 Boost Controller can feed 200-1,500hp/15-30-psi applications. Featuring a 150-psi and two-chamber nozzles for proper atomization of the solution, the \$499 kit for LT1/LS1 '94-'04s (PN 20012) comes complete with everything needed for installation, which should take 2-3 hours. For more information, contact Snow Performance, Dept. HPP, 213 Aspen Garden Way, Bldg. 1, Woodland Park, CO 80863; (866) 365-2762; www.snowperformance.de

