

BASELINE

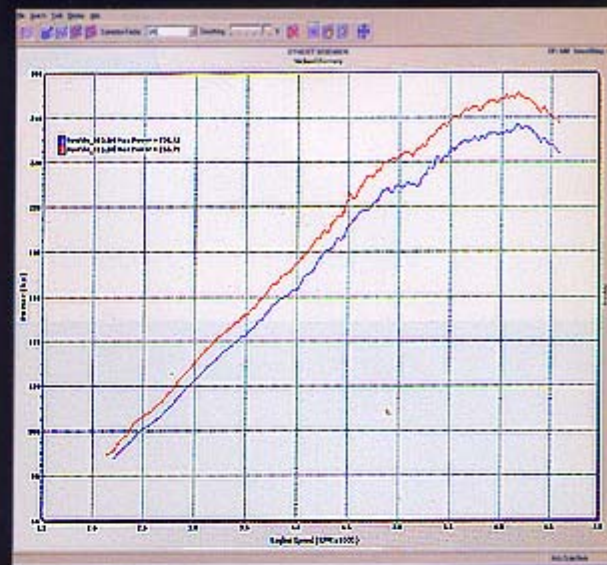
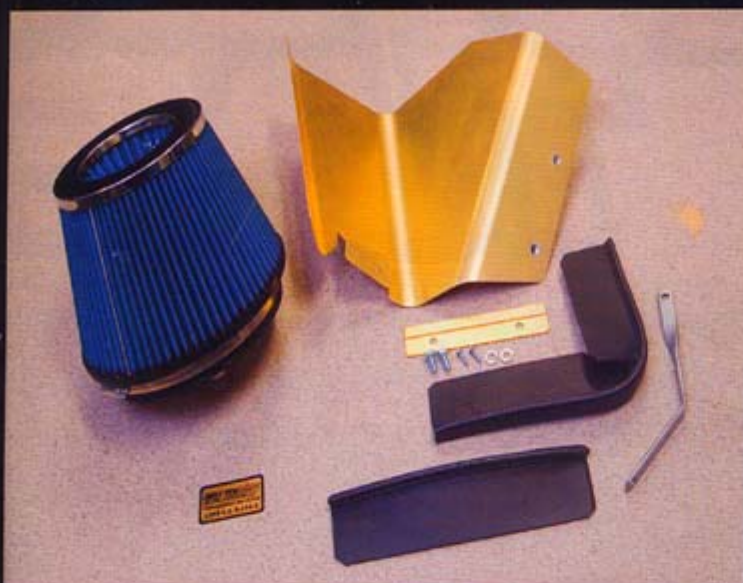
236.42 WHP

224.54 LB-FT TQ

TEST 1 JIM WOLF TECHNOLOGY POP CHARGER

250.79 WHP

238.91 LB-FT TQ



The Pop Charger bumped up peak horsepower by 14.4, with 12-16 horsepower gains realized between 4,500 and 5,200 RPM. Had we baselined the Z33 with a fresh factory filter, we estimate that the peak gains would probably be around 6 horsepower.

The Players

For the air intake system, we turned to Jim Wolf Technologies. Jim Wolf is a Nissan tuning specialist that offers a 50-state legal intake filter with heat shield. The cone-shaped filter element breathes more easily than the stock paper element and can be cleaned and reused. It comes complete with the necessary mounting hardware and mates up to the factory mass-airflow sensor. The included heat shield features insulation that seals to the hood. This design isolates the air filter from the heat generated in the engine bay to provide cooler and denser air.

The first component we tested, the Jim Wolf Technology Pop-Charger intake (p/n P3503-1XCN7) bolted-up to the factory MAF (mass air flow) sensor without a hitch. The included heat shield and brackets also installed seamlessly. After 30 minutes, we fired up the Z33 and began our initial dyno passes. The Pop-Charger enabled the Nissan to produce more horsepower throughout the entire power curve.

We saw gains of five-to-11 horsepower from 2,500 RPM up to 3,900 RPM. The 4,500-to-5,200 RPM range realized horsepower consistently between 12 and 16 horsepower. Peak horsepower figures reached a respectable 250.8 wheel horsepower. Had we baselined the Z33 with a fresh factory filter, we estimate that the peak gains would probably be around 6 horsepower.

THE HOOK UPS

Jim Wolf Technology
212 Millar Ave. Dept. DS53
El Cajon, CA 92020
(619) 442-0680

PARTS LIST:

JIM WOLF TECHNOLOGY POP CHARGER	\$179.00
A'PEXI N1 EXHAUST	\$1089.00
STRUP PERFORMANCE HEADERS	\$631.66
STRUP PERFORMANCE CAT-DELETE	\$190.86

MSRP Total price:

\$2090.52DSport Street Price: **\$1776-\$1881**

THE BOTTOM LINE

	HP LEVEL	HP INCREASE PER STAGE	% INCREASE OVER BASELINE	TOTAL HORSEPOWER INCREASE
BASELINE	236.4			
TEST 1 JIM WOLF POP CHARGER	250.7	+14.37	6.1%	-
TEST 2 A'PEXI N1 EXHAUST	253.3	+2.58	1.1%	+16.95
TEST 3 STRUP HEADERS & CAT DELETE	263.2	+9.84	4.2%	+26.79
FINAL POWER	263.2	-	11.4%	+26.79

TEST & TUNE

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DSport

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ISSUE 53A