

# THUNDER MAX EFI Throttle Body

## Building A Performance Big-Inch EFI Engine?

Zipper's ThunderMax EFI Throttle Body, Manifold and High Flow Air Cleaner assemblies provide the big airflow required for larger performance engines. These oversize CNC-machined castings replace the factory designs used on Delphi®-equipped 2001 and later models, and are designed to accept the factory electronic components so assembly is a snap. Our ThunderMax High Flow Air Cleaner includes a beautifully CNC-machined billet backplate, 2-3/4" deep high flow filter, breather plumbing and heavy-duty support brackets. Fits all years of ThunderMax throttle bodies.

**2001-2005 Models** – Throttle body and manifold are sold separately but must be used together. Throttle bodies available in 50 and 54mm; high flow design requires ThunderMax air filter with spread bolt pattern. Manifolds are available for most popular engine kits from 95" up to 124", with standard (1.625" ID) and oversize (1.780" ID) intake port options.

**2006-UP Models** – Throttle body and manifold are 1-piece, unit construction. Available in 54 and 60mm; high flow design requires ThunderMax air filter with spread bolt pattern. Manifold width available for most popular engine kits from 95" up to 124", with oversize (1.780" ID) intake port opening.



2006-Up 1-PC Throttle Body/Manifold

### 2006-UP 1-PC THROTTLE BODY/MANIFOLD

### PART NO.

2006-up 54mm TB/Manifold, std length	# 109-654
2006-up 54mm f/4.980" long cylinders	# 109-655
2006-up 54mm f/5.013"-5.016" long cylinders	# 109-656
2006-up 54mm f/5.037" long cylinders	# 109-658
2006-up 60mm TB/Manifold, std length	# 109-660
2006-up 60mm f/5.013"-5.016" long cylinders	# 109-662
2006-up 60mm f/5.037" long cylinders	# 109-664
2006-up 60mm f/5.100" long cylinders	# 109-666
2006-up 60mm Max length, for cyls longer than 5.100"; machine to fit	# 109-700

### 2001-2005 THUNDERMAX THROTTLE BODIES

### PART NO.

2001-2005 50mm EFI Throttle Body only	# 109-150
2001-2005 54mm EFI Throttle Body only	# 109-154

### 2001-2005 THUNDERMAX MANIFOLDS

### STD PORT

### OVERSIZE PORT

Manifold seals included with new manifolds.

For stock length (4.937") cylinders.

Fits Zipper's 95 & 107"

H-D,1 88, 95, 96, 103, 110, 113"

# 109-609

# 109-709

JIMS-SE H-D@ 120

For 4.975"-4.980" long cylinders.

N/A

# 109-713

For 5.013"-5.016" long cylinders.

N/A

# 109-716

For 5.037" long cylinders.

N/A

# 109-718

For 5.100" long cylinders.

N/A

# 109-723

Max length, for cyls longer than

5.100"; machine to fit.

N/A

# 109-700

### REPLACEMENT MANIFOLD SEALS

Standard port manifolds use standard seals; oversize manifolds require special seals. Sold Each.

# 198-036

# 198-035



2001-2005 ThunderMax Throttle Body



2001-2005 ThunderMax Manifold w/ Seals