

# 142 INTAKE MANIFOLDS - Chevy Small Block V8

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SUPERCHARGER CARBURETORS  
RACE CARBURETORS  
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## Chevrolet Small Block V8



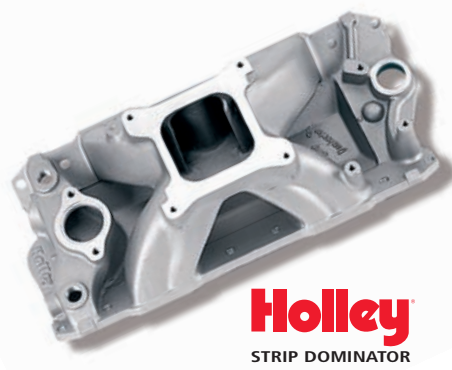
Competition motors built for circle track and drag racing with 23° standard port heads . . . . . **Part # 300-110<sup>(c)</sup>**

### Features

- Exclusive Keith Dorton one-piece design
- 4500-8500 RPM power band
- Holley model 4150 carburetor mounting flange
- Ideal for classes running cast iron heads with un-ported manifolds, per class rules
- Single plenum is designed to provide a highly efficient fuel charge with maximum velocity at the ports so as to maintain crisp throttle response

**CARBURETOR RECOMMENDATIONS:**  
0-80507-2 (390 CFM);  
0-80785 (830 CFM),

**SPECIFICATIONS:**  
Height- frt. 6.13"; rr 6.13"  
Port size: 2.00" height;  
1.20" width



1957-86; 262, 283, 305, 327, 350, 400V8  
1987-Later w/Aluminum Heads . . . . . **Part # 300-25<sup>(B)</sup>**

### Features

- 4500-7600 RPM power band
- Single plane/open deep plenum design
- Square flange carburetor mounting
- No exhaust heat crossover provision
- Ideal for drag cars with automatic transmission

**CARBURETOR RECOMMENDATIONS:**  
750 - 850 CFM Holley HP

**SPECIFICATIONS:**  
Height - frt. 5.11", rr. 5.97".  
Port size: 2.05" height; 1.22" width



1957-86; 262, 283, 305, 327, 350, 400V8  
1987-Later w/Aluminum Heads. . . . . **Part # 9901-101-1<sup>(B)</sup>**

### Features

- 2000-6000 RPM power band
- Designed for port fuel injection systems
- Accepts 1000 CFM Holley 4-bbl throttle body - P/N 9900-171
- Single plane manifold design

**INSTALLATION:**  
Fuel Rail Kit available. Order Holley P/N 9900-172 Performance Fuel Injector Kits available.

**SPECIFICATIONS:**  
Height - frt. 5.5", rr. 5.5".  
Port size: 1.89" height; 1.12" width



350 V8 with Gen 1, Vortec cylinder heads . . . . . **Part # 9901-107<sup>(B)</sup>**

### Features

- 2000-6000 RPM power band
- Designed for port fuel injection systems
- Accepts 1000 CFM Holley 4-bbl throttle body P/N 9900-171
- Single plane manifold design

**INSTALLATION:**  
Fuel Rail Kit available. Order Holley P/N 9900-172 Performance Fuel Injector Kits available.

**SPECIFICATIONS:**  
Height - frt. 5.75", rr. 5.75"  
Port size: 2.09" height; 1.10" width

**Chevrolet Small Block V8**



1957-86; 262, 283, 305, 327, 350, 400V8  
 1987-Later w/Aluminum Heads.....

**Part # 7540<sup>(C)</sup>** ③  
 (satin finish)

**Part # 7540P<sup>(C)</sup>** ③  
 (polished finish)

**Features**

- 23° Standard port heads
- Idle - 6,500 RPM power band
- Two-piece design features short individual runners and large upper plenum
- D-shaped manifold ports promote high flow rates without turbulence
- Excellent replacement for TPI engines (requires P/N 90748 angled bolt spacers)

**INSTALLATION:**

Great for Street Rods or Early Muscle Cars with ample hood clearance. Use Holley 2x58mm - P/N 112-503 throttle body or stock Chevrolet LT1 throttle body (not included) Requires use of small cap distributor

**SPECIFICATIONS:**

Height (w/ Plenum)  
 - frt. 10.25", rr. 10.25"  
 Port size: 1.92" height; 1.18" width



262-400 SB using 1996 & later  
 Vortec (L31) iron heads.....

**Part # 7542<sup>(C)</sup>** ③  
 (satin finish)

**Part # 7542P<sup>(C)</sup>** ③  
 (polished finish)

**Features**

- Great for street machines, street rods, trucks and muscle cars with ample hood clearance
- Two-piece design features individual D shaped runners optimized for a broad power range and a large plenum area for less reversion than traditional manifolds
- Can be used for blow-through superchargers and turbochargers in custom applications
- Available in satin or polished
- Fully CNC machined for a perfect fit
- No exhaust crossover

**SPECIFICATIONS:**

- Power band: Idle to 6500RPM
- Overall Height - frt. 10.25", rr. 10.25"
- Weight is 25 lbs.
- 7542 port size: 2.10" height; 1.12" width

**INSTALLATION NOTES:**

- Use Holley 2x58mm billet throttle body (p/n 112-503 or 112-507) or stock TPI throttle body
- Requires use of small cap distributor
- Manifold features universal mounting bolt design engineered to accommodate both straight and angled center manifold bolts (requires P/N 90748 Weiland bolt kit for 1987 & later cast iron)
- Accepts stock or Lokar® TPI kickdown brackets
- May require additional sealing modifications for high boost blow through applications
- Recommended Fel-Pro gasket number: (7542) MS90131-2 (plastic body w/ o-ring seals) or MS98000T (Permadry, highly recommended)

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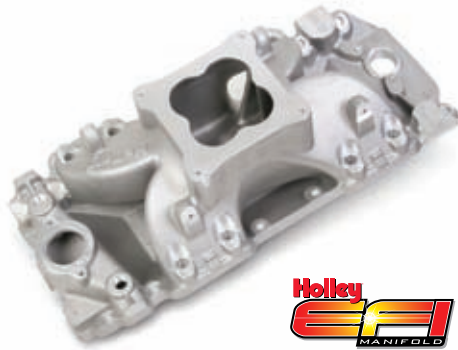
(C) Not legal for street use with a 4-barrel in California on vehicles equipped with a 2 barrel carb, for which there was no 4-barrel option

① ② or ③ See page 223 for symbol explanation.

144 INTAKE MANIFOLDS - Chevy Big Block V8

Chevrolet Big Block V8

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396, 402, 427, 454, 502 V8 Oval port heads . . . . . Part # 9901-209<sup>(B)</sup> 3

Features

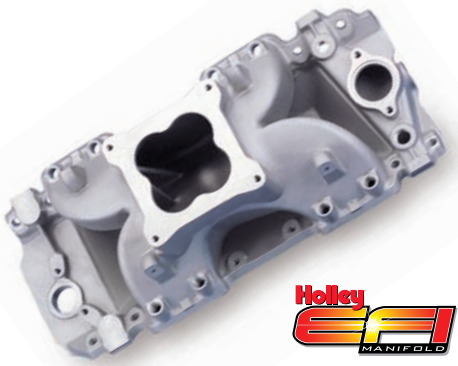
- 2500-6000 RPM power band
- Standard deck blocks
- Single plane manifold design
- Designed for port fuel injection systems
- Accepts 1000 CFM Holley 4-bbl throttle body - P/N 9900-171

INSTALLATION:

Will fit tall blocks with use of WEIAND manifold spacer plate kit, P/N 8206.  
 Fuel rail kit available. Order Holley P/N 9900-173.  
 Performance fuel injection kits available.

SPECIFICATIONS:

Height - frt. 7.25", rr. 7.25".  
 Port size: 1.57" height; 1.60" width



396, 402, 427, 454, 502 V8 Rectangular port heads . . . . . Part # 9901-201<sup>(B)</sup> 3

Features

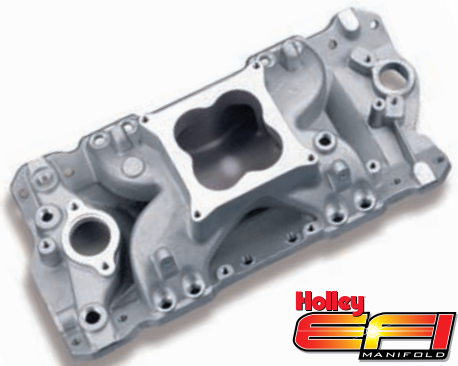
- Machined for standard deck blocks
- 2500-6000 RPM power band
- Single plane manifold design
- Designed for port fuel injection systems
- Accepts 1000 CFM Holley 4-bbl throttle body - P/N 9900-171

INSTALLATION:

Fuel rail kit available. Order Holley P/N 9900-173.  
 Performance fuel injection kits available.

SPECIFICATIONS:

Height - frt. 7.13", rr. 7.13".  
 Port size: 2.30" height; 1.60" width



396, 402, 427, 454, 502 V8 Rectangular port heads . . . . . Part # 9901-202<sup>(B)</sup> 3

Features

- Machined for standard deck blocks
- 3000-6500 RPM power band
- Designed for port fuel injection systems
- Accepts 2000 CFM Holley 4-bbl throttle body - P/N 112-538
- Single plane manifold design

INSTALLATION:

Fuel rail kit available. Order Holley P/N 9900-173.  
 Performance fuel injection kits available.

SPECIFICATIONS:

Height - frt. 7.13", rr. 7.13"  
 Port size: 2.30" height; 1.60" width



396, 402, 427, 454, 502 Rectangular Port V8 . . . . . Part # 9901-203<sup>(B)</sup> 3

Features

- Machined for tall deck blocks
- 2500-6000 RPM power band using stock lifters
- Designed for port fuel injection systems
- Accepts 1000 CFM Holley 4-bbl throttle body - P/N 9900-171
- Single plane manifold design

INSTALLATION:

Fuel rail kit available. Order Holley P/N 9900-173.  
 Performance fuel injection kits available.

SPECIFICATIONS:

Height - frt. 7.123", rr. 7.13"  
 Port size: 2.30" height; 1.60" width

### Chevrolet Big Block V8



396, 402, 427, 454, 502 Rectangular Port V8 . . . . . **Part # 9901-204<sup>(B)</sup>**

#### Features

- Machined for tall deck blocks
- 3000-6500 RPM power band
- Designed for port fuel injection systems
- Accepts 2000 CFM Holley 4-bbl throttle body - P/N 112-538
- Single plane manifold design

#### INSTALLATION:

Fuel rail kit available. Order Holley P/N 9900-173. Performance fuel injection kits available.

#### SPECIFICATIONS:

Height - frt. 7.13", rr. 7.13"  
Port size: 2.30" height; 1.60" width

### Chrysler Big Block V8



413, 426 Wedge and 440 V8 . . . . . **Part # 300-14<sup>(C)</sup>**

#### Features

- Single plane manifold design
- 1500-6500 RPM power band
- Provision for EGR and choke
- Universal flange carburetor mounting

#### CARBURETOR RECOMMENDATIONS:

**0-80508S** (750 CFM);  
**0-4779S** (750 CFM)

#### SPECIFICATIONS:

Height - frt. 4.13", rr. 5.25"  
Port size: 2.14" height;  
1.12" width

**"Biggest average numbers" in July 2002 Mopar Muscle magazine manifold shoot-out!**

### Ford Small Block V8



300-74S

5.0L EFI 1986-93 Passenger Car EO# D115-11 . . . . . **Part # 300-72S**  
(complete manifold kit Shiny Finish)

Don't be fooled by its California emission-legal designation. This manifold will flow air like no other street/strip manifold. It's fully machined and ready to bolt down on an engine.

**Part # 300-74S**  
(upper manifold only)

**Part # 300-75S**  
(lower manifold only)

#### Features

- 2000-6500 RPM power band
- Retains stock injector and water outlet locations
- External EGR passage maximized port and runner sizes
- Maximum unrestricted air flow
- Lower manifold ports match up to Holley cylinder head

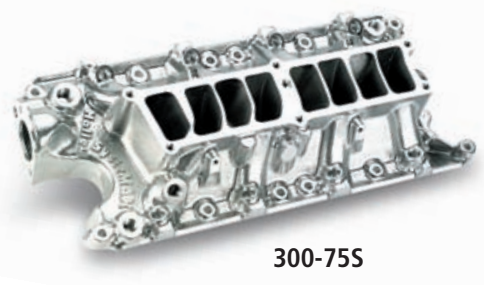
#### INSTALLATION:

Check out Holley's new line of high-flow throttle bodies, in-tank fuel pumps, adjustable regulators, cylinder head and camshafts for the Ford 5.0L EFI passenger engine.

#### SPECIFICATIONS:

Shipping weight is 45 lbs.  
Height - frt. 10.625", rr. 10.625"

**NOTE:** Must use Holley valve covers P/N 241-81 or similar



300-75S

(C) Not legal for street use with a 4-barrel in California on vehicles equipped with a 2 barrel carb, for which there was no 4-barrel option

or See page 223 for symbol explanation.

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**SPACER KITS**

**Chevrolet Standard Big Block Manifold to Chevrolet Tall Deck (oval port) . . . . . Part # 8206**

This intake manifold spacer kit allows the use of any high performance big block Chevrolet manifold on late model Chevrolet "tall deck" truck engines. This spacer fits in the gap created by the taller deck height of the truck blocks. **NOTE:** Due to the increased manifold height, use of an aftermarket distributor is necessary. Spacer plate thickness: .375". Shipping weight is 4 lbs.



8206

**Chevrolet Standard Big Block Manifold to Chevrolet Tall Deck (rectangular port) . . . . . Part # 8204**

This intake manifold spacer kit allows the use of any high performance big block Chevrolet manifold on late model Chevrolet "tall deck" truck engines. This spacer fits in the gap created by the taller deck height of the truck blocks. **NOTE:** Due to the increased manifold height, use of an aftermarket distributor is necessary. Spacer plate thickness: .375". Shipping weight is 4 lbs.



8204

**NOTE:** Notches for manifold bolts between ports have been eliminated from these spacer plates.

**Intake Manifold Choke Kits**

Choke block-off pad for some Chevrolet small block engine intake manifolds. . . . . Part # 301-20



301-20

Choke adapter allows use of horizontal-mount choke element on Chevrolet manifolds with angle-mount-type choke elements. . . . . Part # 9003



9003

**Intake Manifold Choke Kits**

EGR block-off plate for Chevrolet small block manifolds . . . . . Part # 9007



9007

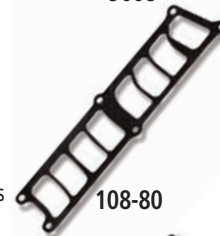
Plenum divider plate. Used in manifold #7546. . . . . Part # 9008



9008

**Intake Manifold Gaskets**

Systemax II upper and lower manifold. Kormetal gasket used between the Holley Systemax II Ford 5.0L upper and lower manifolds . . . . . Part # 108-80

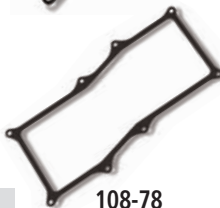


108-80

Gasket for Holley Pro Dominator 2x4 tunnel ram manifolds. Used between upper and lower sections of manifolds

- Manifold P/N 300-44 (S/B Chevrolet) . . . . . Part # 108-79

- Manifold P/N 300-45 (B/B Chevrolet) . . . . . Part # 108-78



108-78

**Manifold Installation Kit**

Ford Systemax II upper and lower manifold. This kit contains all the necessary items needed to install the Holley Systemax II upper and lower manifolds on a 5.0L H.O. motor. **NOTE:** This kit is not required for manifolds manufactured after 2/01/2002 w/ internal EGR . . . . . Part # 301-44

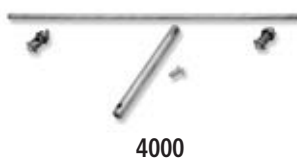


301-44

**2 X 4 TUNNEL RAM CARBURETOR LINKAGE KITS**

2 x 4 carburetor linkage kits utilize spherical rod bearings with stainless steel splined shafts. They are infinitely adjustable and easy to install. They all are designed to fit Holley Double Pumper™ carburetors.

LINKAGE PART #	APPLICATION	MOUNTING STYLE	CARB MODEL
4000	Universal	in-line	square bore
4021	Chevrolet 262-400	side-by-side	square bore
4022	Chevrolet 396-454-502	side-by-side	square bore
4023	Chrysler all (exc. Hemi)	side-by-side	square bore
4025	Ford 289-302 (inc. BOSS) & 351C	side-by-side	square bore
4027	429 Wedge & 460	side-by-side	square bore
4032	Chevrolet 396-454-502	side-by-side	DOMINATOR



4000



4021

**Determining Manifold Height**

The manifold height measurements "A" (front) and "B" (rear), shown in the illustration (left), are determined in the following manner. Lay in a straight edge across the carburetor mounting pad. The measurements are taken from the manifold front and rear mounting surfaces to the bottom of the straight edge. To ensure adequate hood clearance, check the stock manifold height in the same manner and compare with the dimensions listed for the particular manifold of your choice.

