

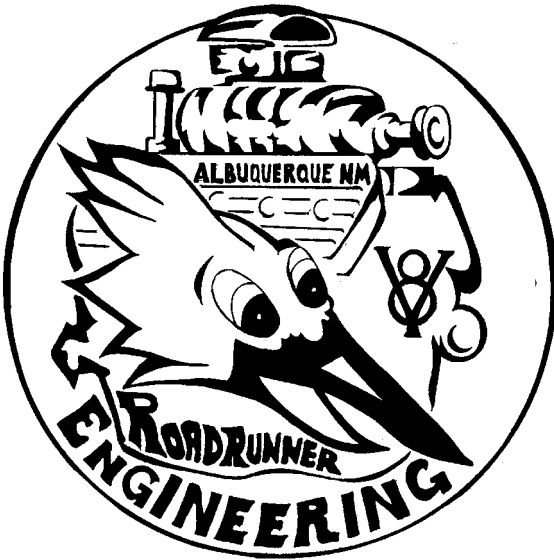
*August 2010 Catalog*

# *Flathead Ford*

*Supercharger Kits*

*Parts / Accessories*

*Engine Analysis / Books*



*Roadrunner Engineering*

*PO Box 53296*

*Albuquerque, NM 87153*

*505-268-6768*

*[www.roadrunnerengineering.com](http://www.roadrunnerengineering.com)*

## ***Roadrunner Engineering's Supercharger Kits for Ford Flatheads***

- ◆ *Outstanding streetable horsepower*
- ◆ *Show quality looks and appeal*
- ◆ *Simple installation and maintenance*
- ◆ *Engineered individually for your application*
- ◆ *Street and competition kits available*
- ◆ *Comprehensive instructions and tuner tips*
- ◆ *One belt, one tensioner drive system available*
- ◆ *No oil supply or drainback plumbing required*
- ◆ *Dependable Weiland 142/174 Superchargers*
- ◆ *Custom kits or individual parts available*

The Roadrunner Engineering supercharger kits for the flathead Ford are the product of over fifteen years of research, flow testing, racing and street driving. The resulting product is the highest performing, and most cost effective performance booster for the venerable Ford flathead available on the market. We have the time slips to prove it!

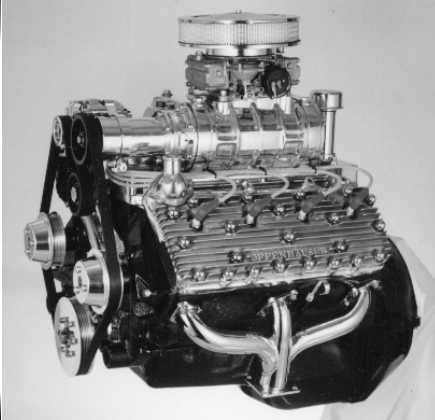


**Motorhead Mart Special**

This 2540 pound car does 0-60 mph in 3.5 secs and has turned 108 mph with an elapsed time of 12.4 seconds in the quarter mile using a Roadrunner street supercharger kit. The street-driven Special's flathead engine uses stock rods and crankshaft.

# *Supercharger Kits*

## **1949-53\* 1-Belt Street Kit**



### **Kit Includes:**

- ◆ Weiland 142 Supercharger, gasket, driven pulley, and tensioner
- ◆ Roadrunner Manifold
- ◆ Two-piece crankshaft supercharger and accessory drive pulley system
- ◆ Water pump pulleys and hubs
- ◆ Alternator mount and pulley
- ◆ Required hardware

### **Requires (not included):**

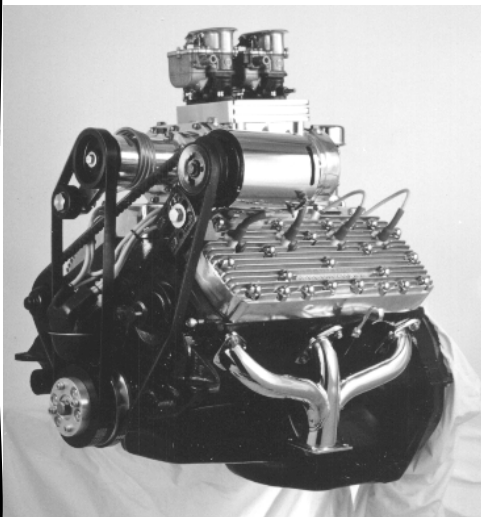
- ◆ 12V Alternator (available locally in satin, or in chrome from Roadrunner; call for info on 6V)
- ◆ Stock oil filler/breather (or custom assembly available from Roadrunner)
- ◆ Serpentine belt (K6 series readily available locally for custom fit by owner)
- ◆ Mallory distributor (HEI and MSD require custom installation, call for info)
- ◆ Crankshaft spacer, Ford P/N 8BA-6362

Satin: P/N 1-BELT-S

Polished: P/N 1-BELT-P

*\* Can be used on '38-'48 engines if Speedway or Drake water pumps are used (call for info).*

# 1938-48 Nostalgia Kit



## Kit Includes:

- ◆ Weiland 142 Supercharger, gasket, driven pulley, and tensioner
- ◆ Roadrunner Manifold
- ◆ Three-piece crank-shaft supercharger and accessory drive pulley system
- ◆ Required hardware

## Requires (not included):

- ◆ Offenhauser P/N 1093 offset generator bracket
- ◆ Stock generator and belt (both readily available locally)
- ◆ Crankshaft spacer, Ford P/N 8BA-6362
- ◆ Oil filler/breather (stock or custom assembly available from Roadrunner)

Satin: P/N 2-BELT-S  
Polished: P/N 2-BELT-P

## Competition Kit

Kit similar to 1938-48 Nostalgia Kit shown on the previous page except no accessory drive parts. Fits 1949-53 Also.

Kit includes:

- ◆ Weiland 142 or 174 Supercharger, gasket, driven pulley, and tensioner as shown
- ◆ Roadrunner Manifold
- ◆ Two-piece crankshaft supercharger drive pulley system
- ◆ Required hardware

Requires (not included):

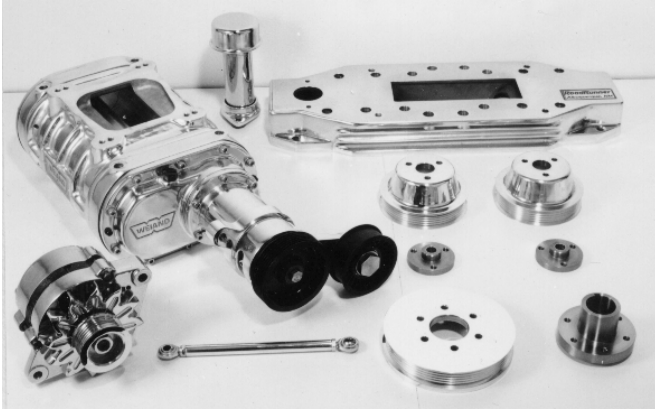
- ◆ Crankshaft spacer, Ford P/N 8BA-6362
- ◆ Oil filler/breather (stock or custom assembly available from Roadrunner)

Satin: P/N COMP 142-S  
Polished: P/N COMP 142-P  
Polished: P/N COMP 174-P

## Big Kahuna Kit

Similar to 1949-53 1-Belt Kit except with Weiland 174 Supercharger with Teflon rotor seals. Includes new automatic tensioner, oil filler/breather, and alternator. Polished only. Call for price & availability

## *Parts/Accessories*



Kit arts are available separately  
Call for prices if not listed

## **Compact Alternators**



12 volts, internally regulated

Polished, 80A, 2 wire  
P/N ALT7937-P

6V or custom units available  
(call for info)

## **Oil Filler/Breather Assembly**

Satin: P/N FB44-S  
Polished: P/N FB44-P



## Accessory Pulley



- ◆ Use with any kit where space allows
- ◆ Provides a  $\frac{3}{8}$ - $\frac{5}{8}$  v-belt drive for additional accessories such as power steering, etc.

- ◆ Mounts in front of (requires 5 inches from front of block), or in back of supercharger drive pulley

Satin: P/N 2007-51N-S

Polished: P/N 2007-51N-P

Other accessory pulleys available.



## Fan Adapter Hub

- ◆ Allows use of 1939-1941 cooling fan assembly
  - ◆ Mounts in front of supercharger drive pulley
- P/N FA2015

## Automatic Belt Tensioner



- ◆ Mounts on block
- ◆ Increases belt wrap
- ◆ Fully automatic

Satin: P/N TR4013-S

Polished: P/N TR4013-P

## Dual Two-Barrel Carburetor Adapter



- ◆ Allows dual two barrel (94 or 97 type) carburetors to bolt to Weiand or B&M/Holley 142/144/174/177 superchargers
- ◆ Provides nostalgia look

Satin: P/N CA2014-S

Polished: P/N CA2014-P

## Engine Analysis

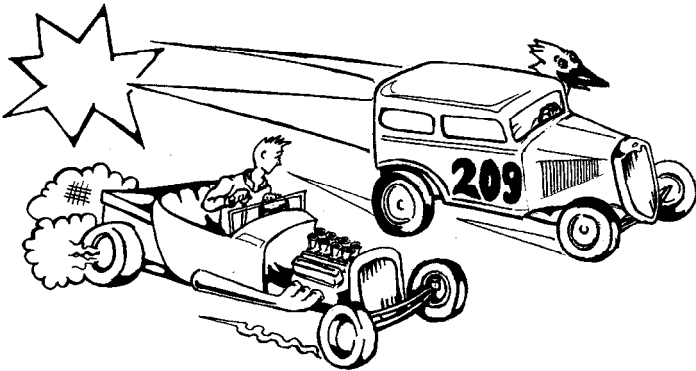
A full engine analysis is included in the price of each kit to assure correct pulleys are installed and performance expectations are met.

Engine analyses and recommendations are also available separately starting at \$29 for a single specified combination.



## Terms

Kit orders require a \$500 deposit and submittal of completed application sheet (phone or email input ok). A computer engine analysis of specified parameters will then be provided at no charge along with recommendations and an invoice for unpaid balance on kit. Personal checks ok. Upon receipt of balance due, kits will be shipped to customer by FedEx standard ground unless otherwise specified. Layaway or other terms available. Call for info.



**Have an overhead for Lunch!**

## Price Sheet/Order Form

*Circle items being ordered & return with  
deposit and worksheet*

### Supercharger Kits

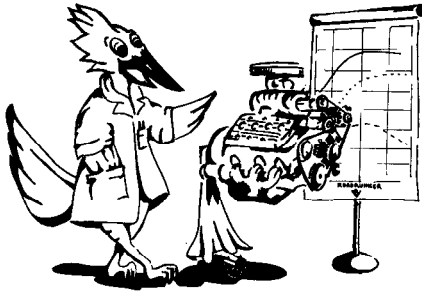
Part No.	Description	Satin	Polished
COMP-142	Competition Kit, 142 SC	Call	Call
COMP-174	Competition Kit, 174 SC	NA	3795
2-BELT	1938-48 Nostalgia Kit, 2-belt	3095	3295
1-BELT	1938-'53 Street, 142 SC, 1-belt	3695	3895
KAHUNA	1949-53 Street, 1-belt, 174 SC	NA	Call

### Parts & Accessories

Part No.	Description	Satin	Polished
2001-AD	Manifold., CNC machined and ported	\$ 849	\$ 929
SCP - x.xx	Supercharger Pulleys, Black anodized Diameters: 3.07, 3.23, 3.50, 3.75, 4.10	79	NA
TR4013	Automatic Belt Tensioner	139	169
ALT7937-P	Polished 2-wire, 85 amp Alternator	Call	149
FB44	Oil Filler/Breather	45	49
2007-51N	Accessory Pulley, 1--sheave, V-belt	129	Call
2007-51	Accessory Pulley, 6-rib, serpentine	169	Call
2007-56	Accessory Pulley, 6-rib, serpentine	169	Call
FA2015	1939-1941 Crankshaft Fan Adapter Hub	79	NA
6-RIB SET	Serpentine Pulley Set (6 pcs, incl hubs)	619	649
0-80570	Holley Street Avenger, 4-bbl Carb, 570		359
0-80670	Holley Street Avenger, 4-bbl Carb, 670 Bright finish, elect choke, vacuum sec		379

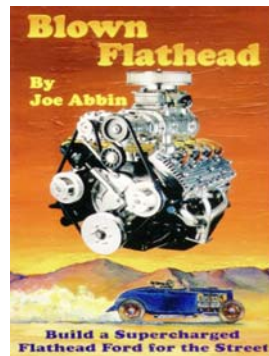
**Prices subject to change without notice.  
Prices do not include shipping.**

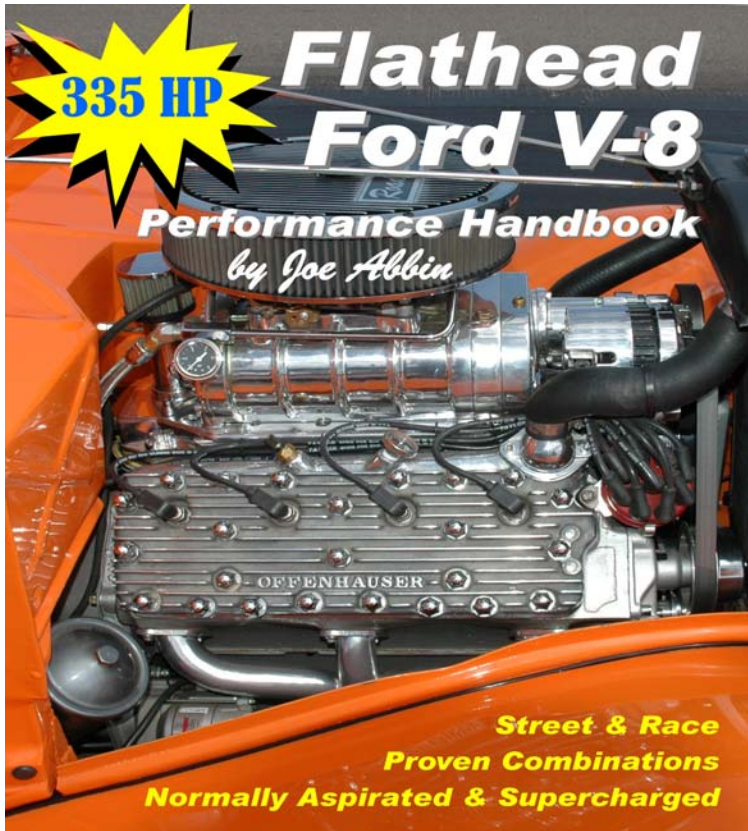
Rowdy Roadrunner says, “Buy the books before the blower!”



*Blown Flathead* — The purpose of this book is to provide a “how-to-recipe” for building a high performance street flathead Ford or Mercury engine with readily available parts. High performance is relative, but the guidelines presented in this book will enable the flathead powered car owners to run with their overhead valve powered neighbors and surprise more than a few without breaking either the engine or the wallet. The book includes such topics as compression ratio versus breathing, flow test results, performance tuning, blower instructions and MORE!

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illustrations & charts.  
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