Flathead Ford Supercharger Kits
Parts / Accessories
Engine Analysis / Books

Roadrunner Engineering
PO Box 53296
Albuquerque, NM 87153
505-268-6768
www.roadrunnerengineering.com

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 Weiand 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!

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:
- Weiand 142 Supercharger, gasket, driven pulley, and tensioner
- Roadrunner Manifold
- Two-piece crankshaft supercharger and accessory drive pulley system
- Water pump pulleys and hubs

Requires (not included):
- 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
- Alternator mount and pulley
- Required hardware

*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:
- Weiand 142 Supercharger, gasket, driven pulley, and tensioner
- Roadrunner Manifold
- Three-piece crankshaft 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:
♦ Weiand 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 Weiand 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 $3/8-5/8$ 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 a completed worksheet (see website) and order form (next page). A computer engine analysis of specified parameters will then be provided at no charge along with recommendations and an invoice for the 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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Satin</th>
<th>Polished</th>
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<tbody>
<tr>
<td>COMP-142</td>
<td>Competition Kit, 142 SC</td>
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<td>COMP-174</td>
<td>Competition Kit, 174 SC</td>
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<td>1-BELT</td>
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<td>3495</td>
<td>3795</td>
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<td>KAHUNA</td>
<td>1949-53 Street, 1-belt, 174 SC</td>
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Parts & Accessories

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<td>Manifold., CNC machined and ported</td>
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<td>$849</td>
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<td>SCP - x.xx</td>
<td>Supercharger Pulleys, Black anodized Diameters: 3.07, 3.23, 3.50, 3.75, 4.10</td>
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<td>TR4013</td>
<td>Automatic Belt Tensioner</td>
<td>149</td>
<td>169</td>
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<tr>
<td>ALT7937-P</td>
<td>Polished 2-wire, 85 amp Alternator</td>
<td>Call</td>
<td>149</td>
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<td>FB44</td>
<td>Oil Filler/Breather</td>
<td>49</td>
<td>59</td>
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<td>2007-51N</td>
<td>Accessory Pulley, 1-sheave, V-belt</td>
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<tr>
<td>2007-51</td>
<td>Accessory Pulley, 6-rib, serpentine</td>
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<td>Call</td>
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<td>2007-56</td>
<td>Accessory Pulley, 6-rib, serpentine</td>
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<td>FA2015</td>
<td>1939-1941 Crankshaft Fan Adapter Hub</td>
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<td>6-RIB SET</td>
<td>Serpentine Pulley Set (6 pcs, incl hubs)</td>
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<td>Holley Street Avenger, 4-bbl Carb, 570</td>
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<td>Holley Street Avenger, 4-bbl Carb, 670</td>
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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!

$19.95 plus $3.95 S&H
120 pages, 75 B & W illustrations & charts.
Limited availability
ISBN 9781880047811

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*335 HP Flathead Ford V-8 Performance Handbook* by Joe Abbin

The latest from Roadrunner Engineering
Find out what really works for making serious flathead horsepower!

Contains 144 pages with:

- 122 color photos & figures
- 14 charts & tables
- Parts & Information Sources
- Installation & Tech Tips

Order your copy now for $24.95 + 3.95 S & H at www.roadrunnerengineering.com
Also available from Speedway, Honest Charley, C & G Early Ford, Red’s Headers, Early Ford Store, Amazon.com, & others (call). ISBN 9780615263847