



## REQUIRED PARTS & SOURCES

Innovative Street Machines LLC • 240 NE 72nd Street, Miami, FL 33138 • 1-877-609-5596

*Street Beasts* are engineered around affordable, available running gear, with most parts coming from Mustangs. That means the local Ford Dealer, your *Street Beasts* Parts & Options Representative, aftermarket sources, or "donor cars" can provide the following:

### Engine

Your *Street Beast* will include either Ford or Chevy Small Block Motor Mount Brackets. That makes installation of Ford 302 (5.0L) and 351 W, or a Bow Tie 350 a no-brainer. Rebuilt or crate motor, just bolt 'it in. You also require all the components for the engine; cooling, induction, electrical and exhaust. National rebuilders offer rebuilt pre-'74 engines, which will generally "grandfather" your Street Beast for emissions purposes. NOTE: BB Ford available for Cobra Only. BB Chevy available for Willys Only.

### Transmission

C4, C6 & AOD Ford trannies, or Chevy 700 R4; TH350's & TH400's will bolt right in to the *Street Beast* Transmission Crossmember. Torque converter is required. Many aftermarket shifters are available.

### Radiator

We offer radiators as accessories for either Ford or Chevy Small Block applications. A high performance replacement radiator for '65 - '67 Mustangs can be modified to fit.

### Driveshaft

Have this item made up by a local machine shop, or by one of the companies that offer their services nationwide. We provide clear instructions on "how to measure" for your application.

### Suspension Components

**Front** - Mustang II Rack & Pinion IFS. We weld the cross member in on your *Street Beast* frame; you provide everything that "bolts in" - Upper & Lower Control Arms, Spindles, Springs, Shocks, Steering Rack (Manual or Power), Tie Rod Ends, Strut Supports, etc. '74 - '78 Mustang II is the preferred spec here.

**Rear** - Triangulated Four Link w/ Coil Springs. The 8.8" rear from a '79 - '94 "Fox Body" Mustang is a direct "bolt-in". You'll need springs and shocks, too. The correct hub-to-hub width is 59 1/2"; Fox Body 9" rear ends will also bolt right in; except Willys and Speedster.

### Steering Components

**Steering Column & Steering Wheel** - The column from a late model Camaro or Firebird fits nicely, and offers wind-shield wiper, headlight and cruise controls right on the tilt column. The wiring harness we provide plugs into the GM Column. New aftermarket columns, shafts and joints are also available; consult your *Street Beast* Parts & Options representative

**Shafts & Joints** - Rack to Column.

### Braking Components

**Master Cylinder, Proportioning Valve** - The master cylinder & booster (with pedal box & pedal assembly for the Cobra) from a '79 - '94 Mustang with a V-8, and the proportioning valve, if you will have rear drum brakes.

**Emergency Brake Lever & Cables** - Cables from a '79 - '94 Mustang. Use the emergency brake lever from the same car if your *Street Beast* is a Rod; consider the shorter lever from an early Pinto if you're building a Cobra.

### Gauges

The dash for your *Street Beast* is not drilled, so you can set yours up for anything from a vintage looking analog set to full digital for the high tech look. Whether you order them from our Accessory Department or from an aftermarket vendor, get the gas tank sending unit from the same manufacturer as your gauges.

### Seat Frames - (Rods Only)

Seat upholstery will install in the factory fashion on the seat frames secured from these OEM sources: Standard (Not "GT") Bucket Seats from 1990-2000 Ford Tempo/Topaz/Escort.

### Tires & Wheels

Should be measured properly after affixing the body to the frame to accommodate your look. Consult your *Street Beast* Technical Support representative

### Paint

Your *Street Beast* is manufactured with a sandable gel coat finish, which gets sanded in two passes (400 & 600 grit) as part of our Pre-Assembly Package. A minimum of wet sanding and primer with flex agent is all that's required before painting.

### Creature Comforts

**Air Conditioning & Heater/Defroster** - Our dash is deeper than stock to accommodate your ducting.

**Power Windows, Windshield Washers & Wipers** - We offer these accessories.

**Sound System** - For some guys, this means open headers; for most, it's a stereo system.



## FREQUENTLY ASKED QUESTIONS

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- Q. Why a one piece body? **A.** The innovative one piece design offers several advantages over panel:
- It's longer lasting - no bolts to vibrate loose; no panels chaffing expensive paint
  - It's stronger and safer - better able to handle the stresses of both daily driving or a crash impact
  - It's easier to install - you mount one body assembly to your chassis, rather than installing & aligning separate parts.
- Q. How is the fiberglass prepared? **A.** The **Street Beast** body is a combination of hand laid and chopper gun applications, completely rolled out by hand over a sandable Gel-Coat primer.
- Q. Are individual body replacement parts available if needed? **A.** When bad things happen to good cars, we can furnish **Street Beast** replacement parts.
- Q. Is the body reinforced with wood? **A.** NO! The bodies of all **Street Beasts** are reinforced with steel. A complete steel cage surrounds you - even in the doors!
- Q. Is the body supported by additional steel braces under the fiberglass? **A.** Yes! Steel is bonded into the core of every door and trunk lid, and in the '66 Roadster & Coupe hood. Steel supports attach the frame and body - even under fenders and running boards on our **Street Beasts** Hot Rods!
- Q. Do I have to do any fiberglassing? **A.** Only in areas like where the floorpan and trunk liner meet body. Not tough, and it won't show, so you can even be a little messy.
- Q. Are upholstery, carpeting and kick panels included? **A.** Yes, in a variety of colors. Seat upholstery is provided for every **Street Beast**. Complete door panel upholstery is included. It attaches to the doors with hidden fasteners and in our Street Rods, features a plush, carpeted bottom. Your assembly includes the needed materials to completely upholster your Street Beast.
- Q. Is the dashboard included? **A.** Yes, it is the original style, but we have improved the mounting process so that it mounts from the side, allowing easy installation as well as quick removal. We do not drill the dash, so you can install the gauges of your choice, thus customizing your **Street Beast**. The dash is also moved out from the firewall to accommodate heat, defrost and air conditioning ducting and wiper mechanisms.
- Q. What about interior window cranks and door handles? **A.** Yes, with all the necessary escutcheons.
- Q. Is the roof chopped? **A.** Yes, the roof is chopped a full 3 inches in the **Street Beast** '34 Coupe, and an inch and a half in the '33 **Street Beast** Vicky and the '34 **Street Beast** Cabriolet.
- Q. How close is the Street Beast to the original? **A.** Our designs have the same wheelbase as the originals; 112" for Street Rods, 90" for '66 Roadster & Coupe, 100.5" on Willys. On Street Rods, the cowl vent is filled, and the nose is decked 1 1/2" for better forward visibility.
- Q. Is the gas tank included? How about a wiring harness? **A.** Yes, a custom made TIG welded aluminum gas tank and a 14 circuit wiring harness with complete instructions ships with every **Street Beast** (except speedsters which uses the original Volkswagen tank as per assembly manual)
- Q. What's the typical Build Sequence? **A.** With the frame on jack stands, install front and rear suspensions. Install engine and transmission. Measure, manufacture (or have manufactured) and install the driveshaft. You can now mount wheels and tires on your chassis. Install brake system, steering column and radiator, and test fit all lines. Place the body on the frame, then put the steel structure in place. Mount the doors onto the hidden hinges, line everything up and tighten it all down. Hot Rods have the added step of installing the Grille Shell. Mount the hood and trunk lid. Upholstery and trim complete the construction.
- Q. How much time will it take me? **A.** Typically 200 - 300 hours, depending on your skill level.
- Q. What about Registration? **A.** Your **Street Beast** includes a plate with a Chassis ID# and a Manufacturer's Statement of Origin (MSO). You will add the serial number from your engine block, get a Safety Inspection and it's off to the DMV.

### Speedster Required Parts OEM Spec: '67 — '72 VW Beetle / Type I

**Front Suspension:** Torsion Tube Twin Beam Style - Hub to Hub (NOT MacPherson Strut from Super Beetle).

**Rear Suspension:** Swing Arms, Half Shafts, Hubs & Shock Towers.

**Brakes - OEM:** Master Cylinder, Wheel Cylinders & Drums and Emergency Brake work with the Volkswagen Hub Components. Aftermarket conversion kits are available to upgrade the '67 — '72 Beetle Drum Brakes to Disc Brakes.

**Engine/Transaxle:** 4 cylinder, air cooled, horizontally opposed, carburetted, from 1200 to 2100cc w/ transaxle

**Gas Tank, Wipers:** OEM or Replacement

**Gauges:** OEM or Aftermarket, w/Sending units

**Shifter:** OEM or Aftermarket Style

**Steering:** Box & Column

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