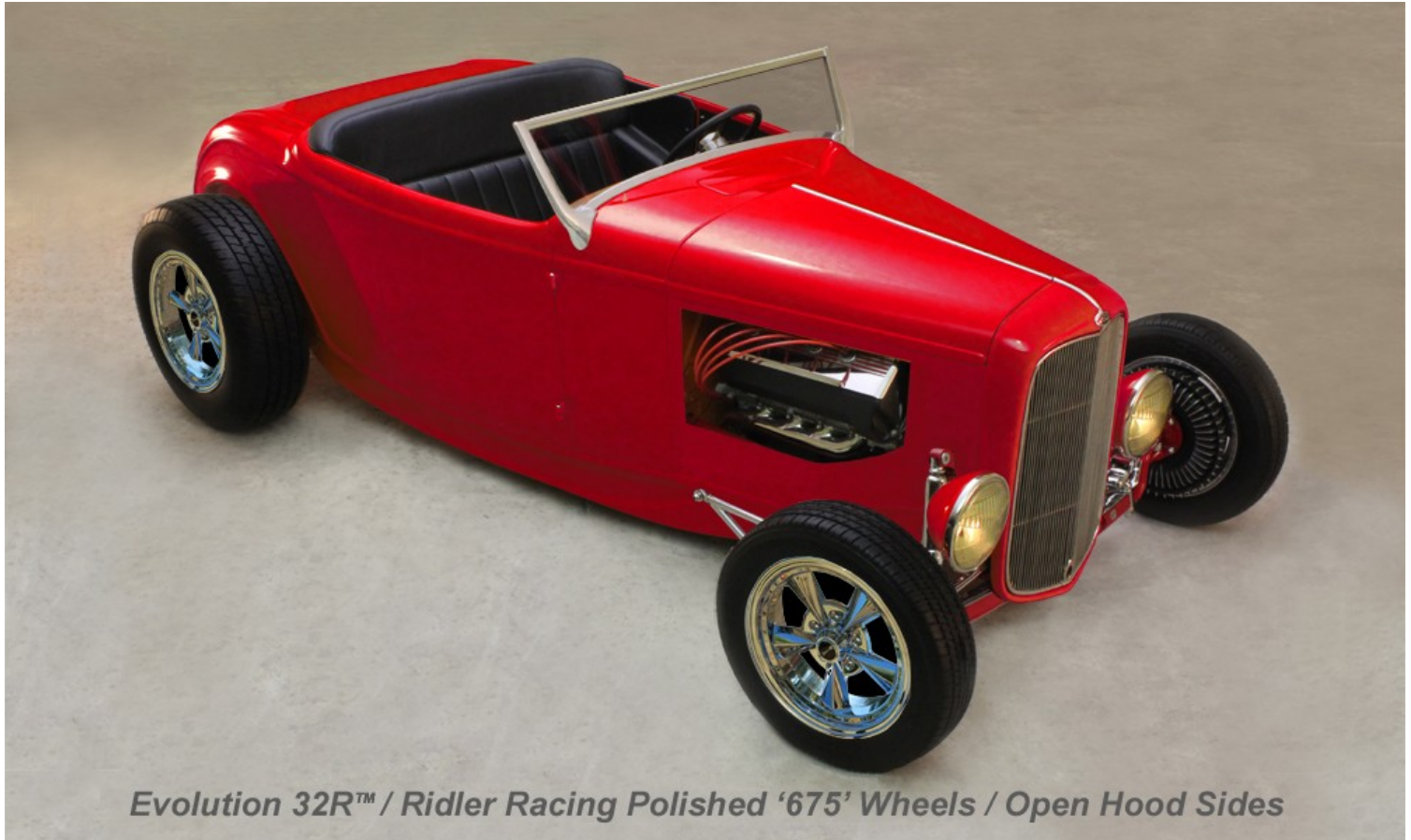


## **Build this Evolution 32R™ from \$32K!**



*Evolution 32R™ / Ridler Racing Polished '675' Wheels / Open Hood Sides*

### ***You can DIY-build the world's most advanced Deuce roadster from \$32K!***

We've done the homework, researched the parts, found the suppliers, and listed the retail prices to show it's a reality!

The following parts list will result in a high-performance Deuce roadster with improved ride comfort and handling that should be capable of a 12-second quarter-mile ET and 25+ mpg. It's EPA-legal in all states - and due to using all-OEM drive-train components it can even be serviced by any Ford dealer.

This revolutionary build-cost results in a top-quality roadster featuring an all-alloy DOHC V8 engine, overdrive automatic transmission, adjustable aluminum shocks, four wheel disc brakes, rack & pinion steering, front & rear Watts links, H-rated (130 mph) radial tires, and classic mag wheels - with parts from leading suppliers such as Flaming River, SoCal Speed Shop, Mr Roadster, QA1, Art Morrison, Vintique, Speedway Motors, Stewart Warner, and Pirelli. All in addition to the unique performance features that only the carbon fiber, space-frame *Evolution 32R™* offers, including a target weight under 2000 lbs.

Building the world's most advanced Deuce roadster from \$32K relies on traditional hot rod building techniques - sourcing a combination of low mileage, high-performance drive-train parts from your local parts recycler and combining these with over-the-counter hot rod components. Consolidating large parts orders from a handful of suppliers reduces delivery costs, as these often ship for free.

Meeting the \$32K budget also relies on thinking 'outside the box' using new technologies. Many DIY builders work on their projects at night, may not have body and paint skills, spray painting equipment, or the workspace to use them. EPA compliance rules out DIY painting at home.....so consider how a new surfacing technology can fit with the program.



## **Build an Evolution 32R™ for \$32K!**

Due to the *Evolution™ 32R*'s high-quality epoxy surface, finished in 2K primer - and the fact it's not a steel body with rust and wrinkles - vinyl wrap provides an intriguing alternative to traditional paint for today's home builder. With practice virtually anyone can apply vinyl wrap in a home workshop, and unlike traditional paint there's no noise, no fumes, no mess, no stains on your driveway – and no complaining neighbors. It's also a lot cheaper, and it's easy to update your ride with a new look at minimal cost. Traditional paint remains an alternative of course.

To prove the point we started by sourcing a complete, running, low-mileage all-aluminum 4.6L DOHC Ford V8 'Modular' engine with matching 4R70W four-speed overdrive transmission, torque converter, aluminum drive-shaft, and shifter for just \$615. This included the wiring loom, ECM, throttle body, ignition coils, starter, alternator, exhaust manifolds, throttle pedal - we even grabbed the radiator overflow bottle. As the early Ford DOHC engines use coil packs rather than coil-on-plug ignition, with a few low-budget tricks they can be economically detailed to look like a classic hot rod 'hemi' – even retaining the stock cam covers. We also picked up a '98 Mercury Mountaineer rear axle that's essentially a '95+ Ford Explorer 8.8", complete with e-brake cables, disc brakes, 3.77 gears and TractionLoc LSD - for just \$323.

One advantage of tough economic times.....there are bargains out there! Our local parts recycler offers special 50% 'discount days' that saved a small fortune as our drive-train cost just \$938. For those preferring GM power, the 5.3L 'LS' V8 / 4L60E would be slightly higher priced - without the weight-savings the Ford DOHC offers due to the Chevy's iron block.

The main difference between the Lincoln Mark VIII and famed '96-'98 Cobra 4.6L DOHC engines is the intake manifold, however the Lincoln's rear-mounted throttle body has it's advantages as *Voodoo Hot Rods'* new 'cool air intake' feeds cool, oxygen-dense air from the stock cowl vent to the engine intake for increased performance while preserving an authentic Deuce appearance.

Many enthusiasts don't realize the strongest-ever aluminum 'Modular' Ford engine block came in the Lincoln Mark VIII and Cobras up to '98. Produced in Italy by the same company that manufactures Ferrari engine parts, 'Teksid' blocks are sought-after by drag racers as they reportedly can handle up to 1,200 HP. Early '96-'98 Cobra engines only have 20 HP more than the those in the Mark VIII, some experts claiming much of this is due to the Cobra's more free-flowing exhaust system than the different intake manifold. As the 4.6L DOHC 'Modular' engine has now been superseded by the new Ford 5.0 DOHC, the vast range of Cobra aftermarket engine hardware including high performance cam and valve-train packages, ECM flash tuners, factory superchargers, and aftermarket power-adders are coming down in price.



*Evolution 32R™ / 'Classic Five' ET Wheels / Louvered Hood Sides*



## **Build an Evolution 32R™ for \$32K!**

### **Engine, Transmission & Drive-shaft**

'96-'98 Lincoln Mark VIII 4.6L DOHC Engine / 280 HP / <75K miles  
Wiring loom / ECU / EFI / intake manifold / throttle body / alternator / starter / exhaust manifolds / throttle pedal

'96- '98 Lincoln Mark VIII 4R70W 4-speed auto transmission / <75K miles  
Torque converter / gear shift

'93-'95 Lincoln Mark VIII one-piece aluminum drive shaft / <100K miles  
Universal joints / flanges / bolts to Ford Explorer 8.8" rear axle

**SUB TOTAL** \$615

### **Rear Axle**

'98 Mercury Mountaineer / (Ford Explorer 8.8") / <120K miles \$323  
31-spline / 3.77:1 gear ratio / TractionLok LSD / Disc Brake / 59.5" wide WMS-to-WMS

### **Speedway Motors**

1 x Stewart Warner 6 Gauge Set / Electric / Mechanical Speedometer: Part # 66582225 \$380  
1 x Lokar Ford Speedometer Drive Cable / Black: Part # 491SP1502U \$70  
1 x 15" x 2" Dish 4-Spoke Polished Stainless Steel Steering wheel: Part # 91032714 \$90  
1 x Grant 3-Bolt Steering Wheel Adapter / Flaming River Steering Column: Part # 4103196 \$20  
1 x 2" I.D. Polished Aluminum Lower Column Mount / Ball Swivel: Part # 91032612 \$50  
1 x Steel 3/4" I.D. Steering Shaft Support Bearing: Part # 1750757 \$10  
2 x Thin Steel Jam Nut, 3/4"-16 RH: Part # 1750247 \$2  
1 x 1" DD X 3/4" DD Stainless Steel Pinch Bolt U-joint: Part # 910310 \$75  
1 x 3/4" DD X 3/4" DD Stainless Steel Pinch Bolt U-joint: Part # 910300 \$75  
1 x Super Glide Reverse Eye Front Leaf Spring / 29": Part # 91033134 \$100  
2 x Front Spring Perches / Forged Steel / Zinc Plated: Part # 91033047 \$40  
2 x Stamped Front Spring Clamps / Polished Stainless Steel: Part # 91033201 \$17  
2 x Front Spring Shackles / 1-3/4" Wide / Polished Stainless Steel: Part # 91033323 \$50  
2 x 1937 – 41 Forged Ford Spindles & King Pin Kit: Part # 91032104 \$200  
2 x '37-'48 Ford Forged 1-3/4" Drop Steering Arms: Item #7022754 \$65  
4 x Stainless Steel Steering Tie Rod End / 11/16": Part #91632504 \$160  
4 x 11/16" Steering Tie Rod End Jam Nuts: Part # 91001059 \$12  
2 x GM 11" Front Disc Brake Rotor / Ford 5 x 4.5" Bolt Pattern: Part # 91031067 \$86  
2 x 1934 Ford Commercial Headlights / Painted Buckets / Halogen: Item # 91131006 \$280  
2 x 1939 Ford Tail Lights: Part # 91137015 \$30  
1 x Spoon Accelerator Pedal / Chrome: Part # 91655011 \$29  
1 x Universal Accelerator Pedal Cable: Part # 7204127 \$15  
1 x Odyssey Battery PC680: Part # 131680 \$135  
4 x Pro Shocks Coil Over / Aluminum / 200lb. / 6" Stroke / 3-way Adjustable: Part # 582600D \$580  
*(Buy 4 coil over shocks for choice of two rear spring rates / delete spring from front shocks)*

**SUB TOTAL** \$2,571



## **Build an Evolution 32R™ for \$32K!**

### **SoCal Speed Shop**

1 x Forged I-beam 4" Drop Front Axle / 47": Part # 001-70503	\$250
1 x 1932 Ford Radiator Grill Insert: Part # 011-B8200-SR	\$275
1 x 1932 Ford Grill Shell Bull-nose Trim: Part # 00160200	\$60
1 x 1932 Ford Grill Shell Badge Bull-nose Trim: Part # 011B8213	\$30
1 x 1932 Ford Stainless Steel Hood Hinge Cover: Part # 0111816632	\$20
1 x Art Deco Ignition Switch / Polished	\$30
1 x Art Deco Headlight/Parking Lamp Switch / Polished	\$40
1 x Art Deco Dimmer Switch / Polished	\$20
1 x Art Deco Wiper Switch / Polished	\$30
	<u>SUB TOTAL</u> \$755

### **Flaming River**

1 x tilt / 2" O.D. Column / 30" / Stainless Steel Mill Finish / 1" DD: Part # FR20005	\$346
1 x Stainless Steel 36" DD Steering Shaft / Mill Finish: Part # FR1851SS	\$90
	<u>SUB TOTAL</u> \$436

### **Miscellaneous Parts**

2 x Used C4 Corvette Aluminum Front Disc Brake Calipers	\$100
1 x Front Disc Brake Adapter Kit '37 – '41 Ford Spindles (Voodoo Hot Rods)	\$100
1 x 6" Chopped '32 Ford Radiator (Voodoo Hot Rods)	\$500
1 x Narrowed OEM Rack & Pinion Steering Box (Voodoo Hot Rods)	\$250
1 x Kwik Wire KW14EC - 14 Circuit Economy Universal Wiring Harness	\$215
2 x Sparco 2" / 3-point Safety Belt Harness	\$200
1 x Kugel Komponenten Under Dash Brake Pedal & Master Cylinder # 5104701	\$365
1 x Shorten '93-'94 Lincoln Mark VIII Aluminum Drive Shaft	\$200
1 x Used E-brake Handle	\$30
1 x Automotive Vinyl Wrap	\$400
1 x Laminated Windscreen Glass	\$200
1 x Fuel Line & Fuel Filter	\$50
1 x Steel Brake Lines	\$100
2 x Battery Cables	\$45
	<u>SUB TOTAL</u> \$2,755



# **Build an Evolution 32R™ for \$32K!**

## **Tire Rack**

2 x Pirelli P6 Four Seasons 195/60-15 / H-Rated / 5.5"-7" rim / 24.2" tall / front	\$210
2 x Pirelli Scorpion STR 275/65-17 / H-Rated / 7.5"-9.5" rim / 31" tall / rear	\$368
<u>SUB TOTAL</u>	<u>\$578</u>

## **JD Wheels**

2 x 15" x 7" Ridler Racing Wheels Style '675' Polished / 4" backspace / front	\$212
2 x 17" x 9.5" Ridler Racing Wheels Style '675' Polished / 5" backspace / rear	\$292
<u>SUB TOTAL</u>	<u>\$504</u>

PARTS SUB TOTAL \$8,537

## **Evolution 32R™ Body / Chassis / Accessory Pack** **\$22,950**

Substitute standard bare epoxy/Kevlar Drop-in Bench Seat Tub in Accessory Pack for:  
 Upholstered epoxy/fiberglass Drop-in Bench Seat Tub upholstered as shown  
 Upholstered door & trunk panels  
 Cockpit & trunk carpet with vinyl-trimmed edges

\$500

**GRAND TOTAL** **\$31,987**



*Evolution 32R™ Tubular Chassis*

*Ultra stiff performance platform for high HP engines & unmatched occupant protection*

## **Build an Evolution 32R™ for \$32K!**

### **EVOLUTION 32R™ ACCESSORIES PACK INCLUDES:**

- Front Radius Rod Kit (seamless DOM steel)
- Front Shock Mount Kit
- Front Watts Link Kit (seamless DOM steel)
- Front Watts Link & RP Steering Mount Kit
- Rear Radius Rod & Coil-over Shock Mount Kit (seamless DOM steel)
- Rear Watts Link Kit (seamless DOM steel)
- Headlight Mount Kit, Stainless Steel / Polished
- Universal Engine Mount Kit
- Universal Transmission Mount Kit
- Floor Detail Kit, Stainless Steel / Polished
- Grill Shell, filled for bull-nose trim / Epoxy Carbon Fiber
- Hood Top, V-sectioned for Dropped Grill Shell, 1-piece / Epoxy Carbon Fiber
- Hood Side Panels, Louvered or Smooth / Epoxy Carbon Fiber
- Hood Hinge with Hidden Latch & Gas Struts, Stainless Steel / Polished
- Gas Tank, 20 Gallon, Stainless Steel / Polished
- Tank Trunk™ 'Faux' Deuce Gas Tank / Epoxy Carbon Fiber: OR
- Rolled Rear Pan / Epoxy Carbon Fiber & Rear Nerf Bar, Stainless Steel / Polished
- Body-to-Gas Tank Filler Panel / Epoxy Carbon Fiber
- Chassis Rear Cross Tube, Stainless Steel / Polished
- Windscreen Kit, 2" chop, raked, frame-less / Alloy Posts, Raw / Stainless Steel Frame, Polished
- Drop-In Bench Seat Tub / Epoxy Kevlar
- Upper Steering Column Mount Kit, Stainless Steel / Polished
- Chassis Protector Scrape Kit, Stainless Steel / Polished
- Steel Exhaust System, Mufflers, Clamps, Stainless Steel / Polished



***Evolution 32R™ / 'Classic Five' ET Wheels / Louvered Hood Sides***